



SCOTSMAN

COMMERCIAL ICE SYSTEMS

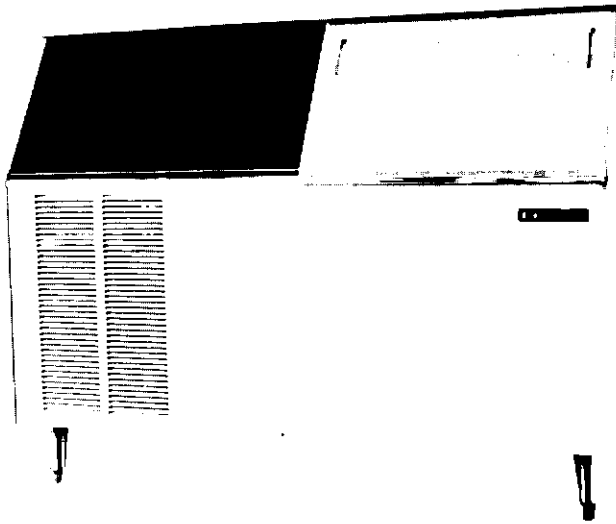
Comes with 5' Nylobrade

FC40 modular flaker cabinet with storage

One FC40 cabinet converts to three different self-contained flaker models. Simply by removing the panels on a Scotsman modular flaker and installing the machine in an FC40, it can be quickly converted to a self-contained flaker. The cabinet is designed to accept an MF400, MF700 or MF900 modular flaker unit*. You hold inventory down and still offer a wide selection of flake ice production and storage to your customer.

The cabinet is made of embossed, textured metal and is finished in sandalwood, baked-on acrylic enamel. Another feature of the FC40 is its huge 375-pound storage bin. The orange ABS door slides completely out of the way, leaving a wide bin opening for convenient ice removal, even for large scoops. Without legs, the entire unit can be installed under a bar or counter, bringing the labor-saving advantage of flake ice and storage right where it's needed. Whatever your customers' flake ice requirement, one FC40 can be customized to do the job.

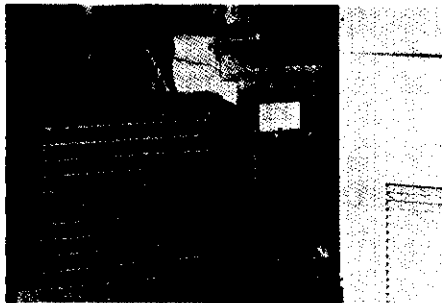
**See Ice Making Capacity charts on other side.*



(Leg Kit Optional)

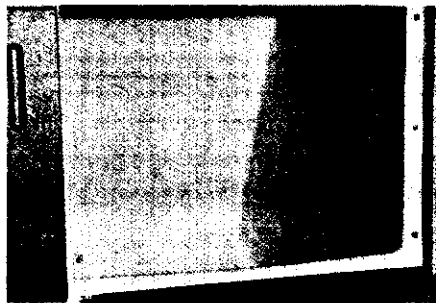
INSTALL A MODULAR FLAKER

The entire modular flaker chassis slides into machine compartment, offering a selection of three self-contained ice makers, each with a different production capacity.



FRONT SERVICE ACCESS

Simply remove 4 screws and the front panel can be taken off for quick, easy access to machine working parts. Entire chassis slides out for fast, economical service.



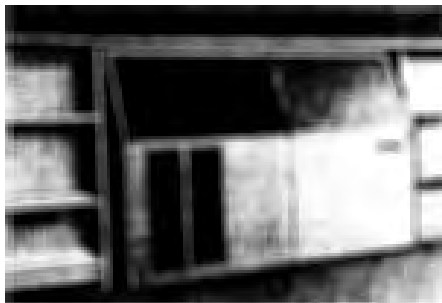
ONE PIECE MOLDED BIN

Molded of tough, durable polyethylene, the bin is seamless, sanitary and easy to clean. Its large size will hold 375 pounds of flake ice . . . enough to satisfy the busiest peak-serving periods.



UNIQUE BIN FILLING METHOD

Flake ice is discharged through a nylobrade tube attached to the top and center of the bin. Ice distributes evenly during the filling process avoiding ice build-up on one side.



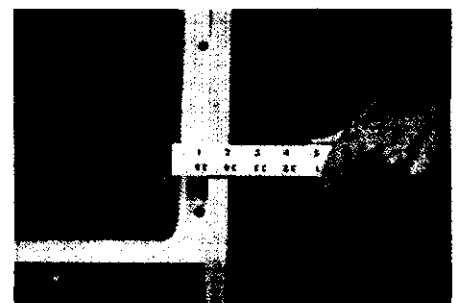
UNDER BAR OR COUNTER INSTALLATION

Without legs the FC40 fits perfectly under a bar or counter. Offers the convenience of flake ice right where it's needed and avoids the confusion of hauling ice during peak-serving periods.



EMBOSSSED STEEL CABINET

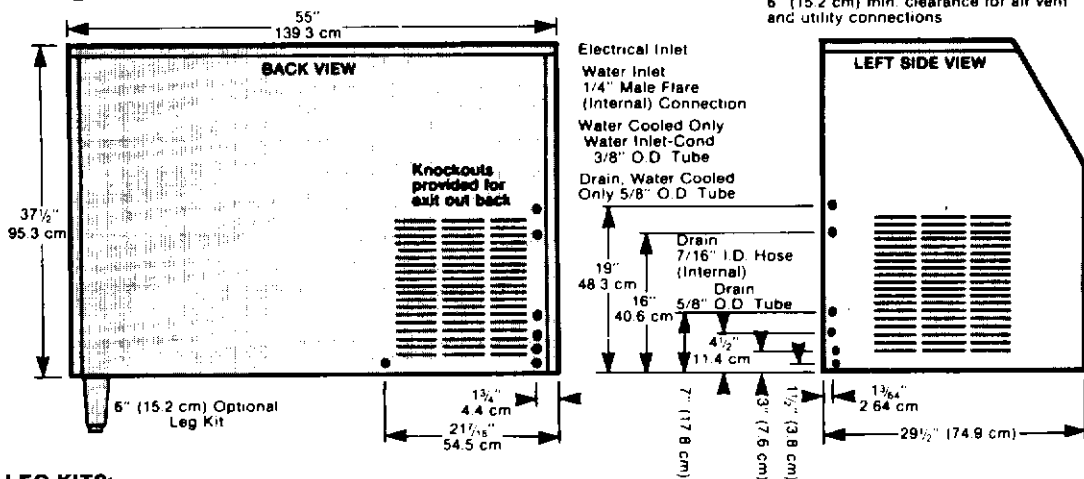
Rich leathergrain pattern is permanently embossed into the steel and finished with a durable, high gloss, baked enamel surface. Helps hide finger prints, smudges or scratches and wipes clean with a damp cloth.



INSULATED BIN

One inch of foam insulation is molded to the entire outside of bin shell providing a perfect barrier against warm outside air. Flake ice stays cold, lasts longer and stays loose for easy handling.

FC40 modular flaker cabinet with storage



OPTIONAL LEG KITS:

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling feet.
KLP2E: Black enamel finish. **KLP2S:** Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

Designed to accept one of three modular flaker models.

MF400* Modular Flaker

Produces up to 420 pounds of ice in 24 hours

*ICE MAKING CAPACITY:

Typical ice production — lbs./kg. of ice per 24 hours

		WATER TEMPERATURE				
		F°	90°	70°	50°	
AIR TEMPERATURE	70°	350	390	420	lbs.	
	21°	159	177	191	kg.	
	90°	330	360	400	lbs.	
	32°	150	163	181	kg.	
100°	310	340	370	lbs.		
38°	141	154	168	kg.		

		WATER TEMPERATURE				
		F°	90°	70°	50°	
AIR TEMPERATURE	70°	355	390	420	lbs.	
	21°	161	177	191	kg.	
	90°	345	380	410	lbs.	
	32°	156	172	186	kg.	
100°	340	370	405	lbs.		
38°	154	168	184	kg.		

MF700* Modular Flaker

Produces up to 690 pounds of ice in 24 hours

		WATER TEMPERATURE				
		F°	90°	70°	50°	
AIR TEMPERATURE	70°	550	625	750	lbs.	
	21°	249	284	340	kg.	
	90°	475	540	610	lbs.	
	32°	215	245	277	kg.	
100°	435	485	530	lbs.		
38°	197	220	240	kg.		

		WATER TEMPERATURE				
		F°	90°	70°	50°	
AIR TEMPERATURE	70°	520	605	690	lbs.	
	21°	236	274	313	kg.	
	90°	510	590	670	lbs.	
	32°	231	267	304	kg.	
100°	505	580	650	lbs.		
38°	229	263	295	kg.		

MF900* Modular Flaker

Produces up to 1090 pounds of ice in 24 hours

		WATER TEMPERATURE				
		F°	90°	70°	50°	
AIR TEMPERATURE	70°	880	990	1090	lbs.	
	21°	399	449	494	kg.	
	90°	745	855	965	lbs.	
	32°	339	388	438	kg.	
100°	690	785	880	lbs.		
38°	313	358	399	kg.		

		WATER TEMPERATURE				
		F°	90°	70°	50°	
AIR TEMPERATURE	70°	865	975	1090	lbs.	
	21°	392	442	494	kg.	
	90°	845	940	1035	lbs.	
	32°	383	428	469	kg.	
100°	830	920	1020	lbs.		
38°	376	417	463	kg.		



*Complete informational specification pages available on each of the three modular flaker models.

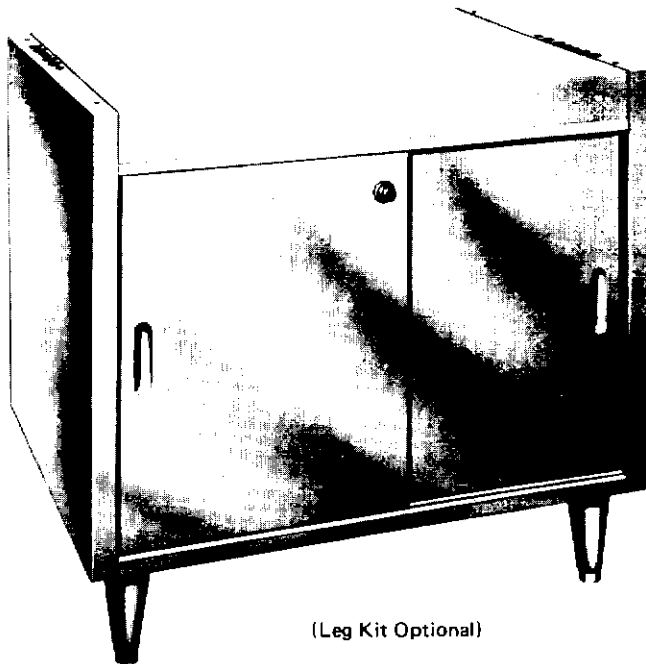
We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MN 56007

DMS30 machine stand

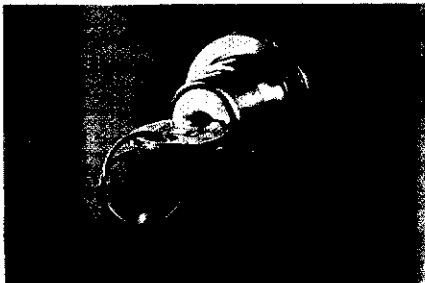


(Leg Kit Optional)

The DMS30 machine stand is constructed of heavy gauge stainless steel inside and out. It's designed specifically to be used with the FD7 series flaker-dispenser. Two sliding doors open to a sanitary storage area with a stainless steel shelf. Holes located on top of the stand accommodate water, drain and electrical connections from the FD7. Sturdy and sanitary, the DMS30 machine stand puts the FD7 at counter height, ideal for dispensing operations. Available in stainless steel only.

Width: 35-3/16" (89.4cm) **Depth:** 27-3/8" (69.5cm)
Height: without legs: 27-1/4" (69.2cm)
 with legs: 33-1/4 - 34" (84.5 - 86.4cm)
Shipping Wt.: 133 lbs. (60 kg.)

(Warranty shown with DMS20.)



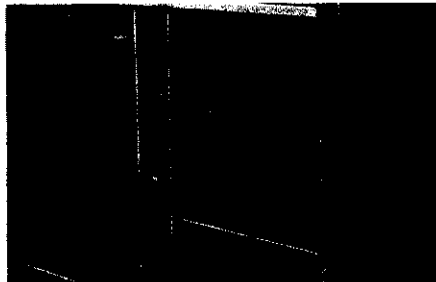
DOOR LOCK

A sturdy press style lock is conveniently located at top of the door for limited access to storage area.



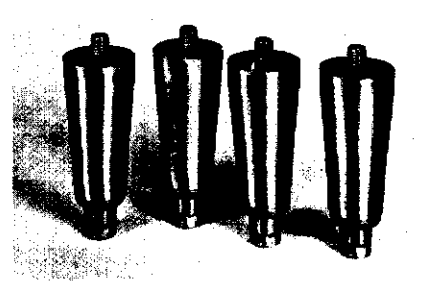
LIFT OUT DOORS

Doors slide smoothly on a double track and lift out for easy removal, making clean up fast and convenient. Recessed door pulls prevent injury to personnel.



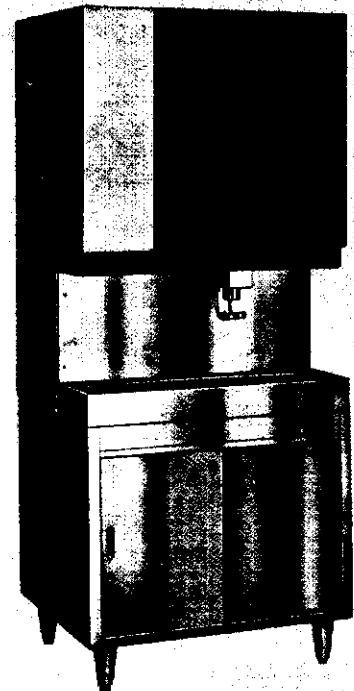
SANITARY SHELF

A heavy duty stainless steel shelf offers extra storage for items requiring a sanitary location.



OPTIONAL LEG KIT

A set of 4 nickel plated legs (KLP2S) are available with leveling feet. Legs are 6" high and screw into mounting holes in base.

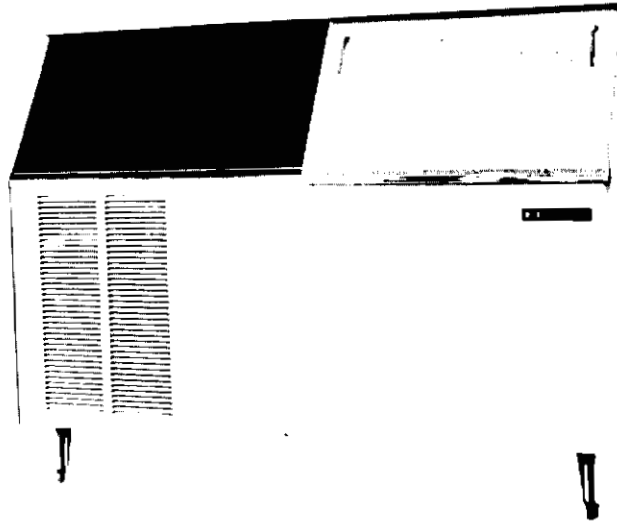


FD7 FLAKER/DISPENSER

The DMS30 machine stand was designed for use with the FD7 Flaker/Dispenser only. Installed, the unit is counter height . . . just right for convenient vending operations.

Comes with 5' Nylobrade

FC40 modular flaker cabinet with storage



(Leg Kit Optional)

INSTALL A MODULAR FLAKER

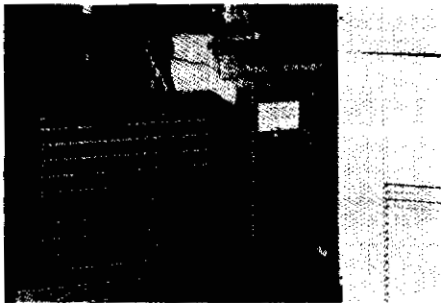
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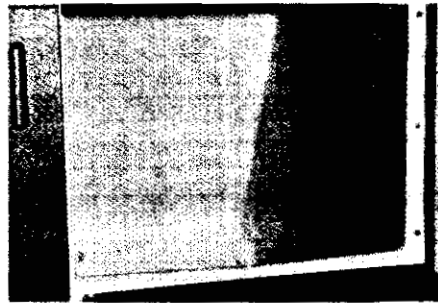
The cabinet is made of embossed, textured metal and is finished in sandalwood, baked-on acrylic enamel. Another feature of the FC40 is its huge 375-pound storage bin. The orange ABS door slides completely out of the way, leaving a wide bin opening for convenient ice removal, even for large scoops. Without legs, the entire unit can be installed under a bar or counter, bringing the labor-saving advantage of flake ice and storage right where it's needed. Whatever your customers' flake ice requirement, one FC40 can be customized to do the job.

**See Ice Making Capacity charts on other side.*



FRONT SERVICE ACCESS

Simply remove 4 screws and the front panel can be taken off for quick, easy access to machine working parts. Entire chassis slides out for fast, economical service.



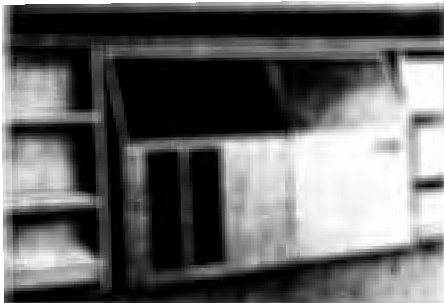
ONE PIECE MOLDED BIN

Molded of tough, durable polyethylene, the bin is seamless, sanitary and easy to clean. Its large size will hold 375 pounds of flake ice . . . enough to satisfy the busiest peak-serving periods.



UNIQUE BIN FILLING METHOD

Flake ice is discharged through a nylobrade tube attached to the top and center of the bin. Ice distributes evenly during the filling process avoiding ice build-up on one side.



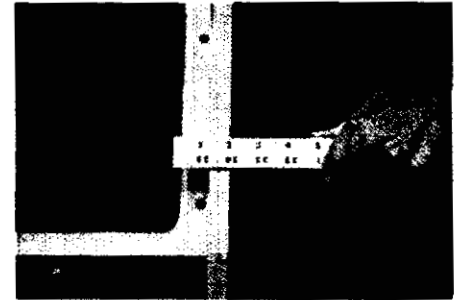
UNDER BAR OR COUNTER INSTALLATION

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EMBOSSED STEEL CABINET

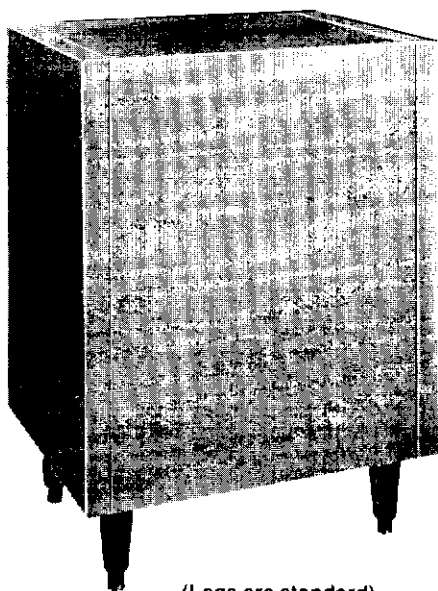
Rich leathergrain pattern is permanently embossed into the steel and finished with a durable, high gloss, baked enamel surface. Helps hide finger prints, smudges or scratches and wipes clean with a damp cloth.



INSULATED BIN

One inch of foam insulation is molded to the entire outside of bin shell providing a perfect barrier against warm outside air. Flake ice stays cold, lasts longer and stays loose for easy handling.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

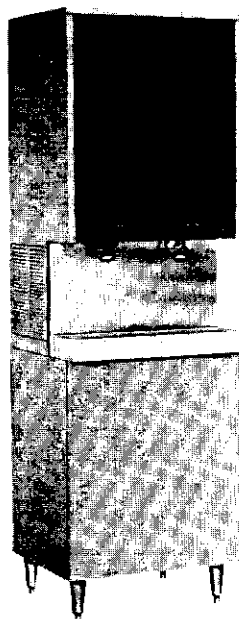


(Legs are standard)

DMS21A

Machine Stand

For installations where counter space is not available to accommodate a nugget dispenser unit, the DMS21A machine stand is the solution. An HQD550 or HQD650 Dispenser fits the DMS21A perfectly. The top has an opening to allow for water, drain and electrical connections to be hidden from view. Constructed of heavy gauge metal, the sturdy machine stand has a baked-on Sandalwood enamel finish and is also available in all Stainless Steel. The DMS21A machine stand permits easy installation near existing plumbing connections without building additional counter space.



HQD650 ICE NUGGET DISPENSER

The DMS21A machine stand is specially designed for use with a Scotsman Dispenser. With legs, the stand and dispenser are counter height.

Width: 26" (66.0 cm)
Depth: 21-1/2" (53.0 cm)
Height: without legs: 30" (76.2 cm)
 with legs: 36" - 36-3/4" (91.3 - 93.3 cm)
Shipping Wt.: 68 lbs. (31 kg.)
DMS21EA: Sandalwood baked enamel finish.
DMS21SA: Stainless Steel finish.

WARRANTY — SATISFACTION

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.



DMS31A

Machine Stand

The DMS31A machine stand is constructed of heavy gauge steel inside and out. It's designed specifically to be used with the HQD750 dispenser. Holes located on top of the stand to easily accommodate water, drain and electrical connections from the dispenser. Sturdy and sanitary, the DMS31A machine stand puts the dispenser at counter height, ideal for dispensing operations. Available in Sandalwood enamel or Stainless Steel finish.

Width: 35-3/16" (89.4 cm)

Depth: 27-3/8" (69.5 cm)

Height: without legs: 27-1/4" (69.2 cm)

with legs: 33-1/4" - 34" (84.5 - 86.4 cm)

Shipping Wt.: 83 lbs. (38 kg.)

DMS31EA: Sandalwood baked enamel finish.

DMS31SA: Stainless Steel finish.

WARRANTY — SATISFACTION

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.



HQD750 ICE NUGGET DISPENSER

The DMS31A machine stand is specially designed for use with a Scotsman Dispenser. With legs, the stand and dispenser are counter height.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

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A **HOUSEHOLD**

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INTERNATIONAL COMPANY

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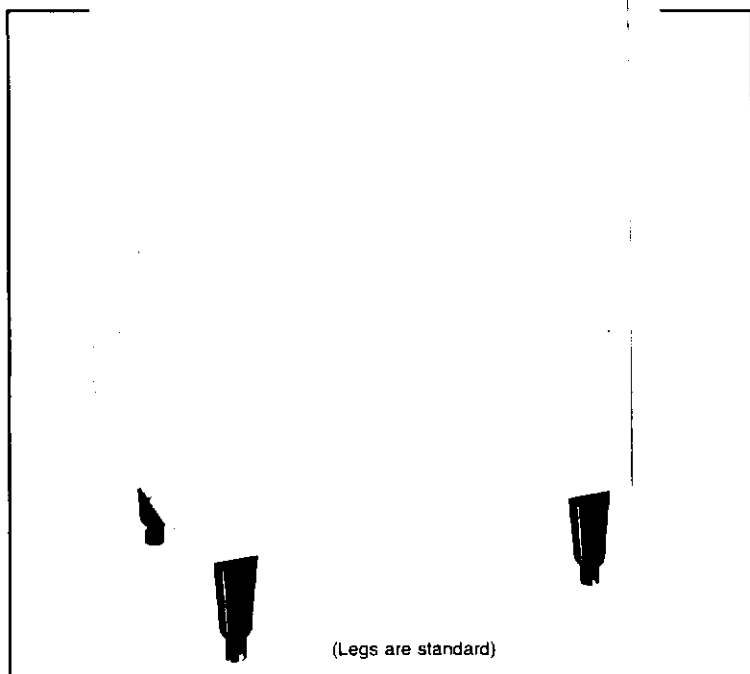
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DMS21B Machine Stand

SCOTSMAN

C.S.I. FILE NO. 11400



For installation where counter space is not available to accommodate a nugget dispenser unit, the DMS21B machine stand is the solution. A ND550 or ND650 Dispenser fits the DMS21B perfectly. The top has an opening to allow for water, drain and electrical connections to be hidden from view. Constructed of heavy gauge metal, the sturdy machine stand has a baked-on Sandalwood enamel finish and is also available in all stainless steel. The DMS21B machine stand permits easy installation near existing plumbing connections without building additional counter space.

SPECIFICATIONS

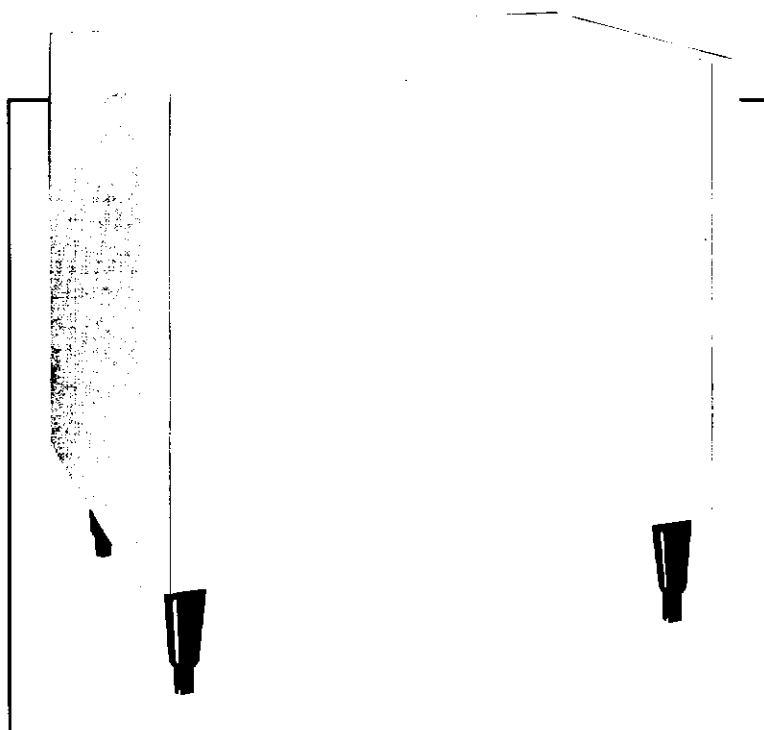
- Width: 26" (66.0 cm)
- Depth: 22.5" (57.15 cm)
- Height: without legs: 30" (76.2 cm)
with legs: 36" - 36-3/4" (91.3 - 93.3 cm)
- Shipping Wt.: 68 lbs. (31 kg.)
- DMS21E-B: Sandalwood baked enamel finish.
- DMS21S-B: Stainless steel finish.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.

DMS31B Machine Stand

SCOTSMAN

The DMS31B machine stand is constructed of heavy gauge steel inside and out. It's designed specifically to be used with the ND750 dispenser. Holes located on top of the stand to easily accommodate water, drain and electrical connections from the dispenser. Sturdy and sanitary, the DMS31B machine stand puts the dispenser at counter height, ideal for dispensing operations. Available in Sandalwood enamel or stainless steel finish.

SPECIFICATIONS

- Width: 35-3/16" (89.4 cm)
- Depth: 27-3/8" (69.5 cm)
- Height: without legs: 27-1/4" (69.2 cm)
with legs: 33-1/4 - 34" (84.5 - 86.4 cm)
- Shipping Wt.: 83 lbs. (38 kg.)
- DMS31E-B: Sandalwood baked enamel finish.
- DMS31S-B: Stainless steel finish.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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775 CORPORATE WOODS PARKWAY • VERNON HILLS, IL 60061 • (312) 215-4550

TELEX EASYLINK 62922027

FAX (312) 913-9844

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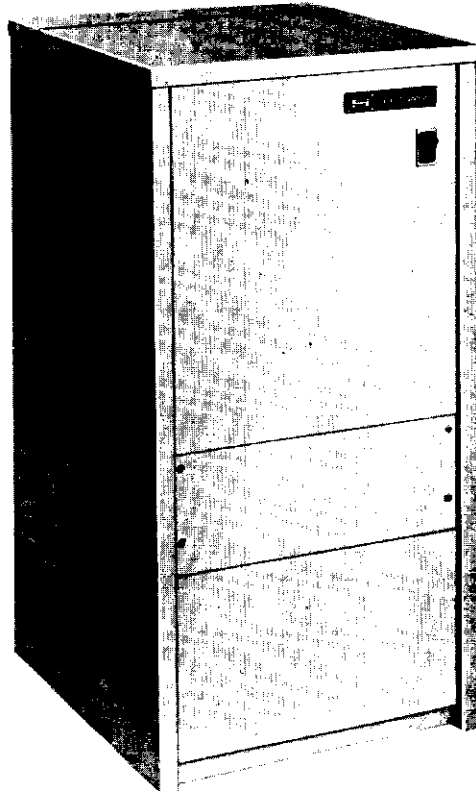
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SCOTSMAN®

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS



CC10 ice crusher

The Scotsman CC10 Ice Crusher is a small, efficient unit that provides variable chip sizes. Compact enough to fit into a small space, yet crushes 24 to 36 lbs. of ice per minute. The stainless steel hopper holds 12 lbs. of cubes which are crushed and discharged into a 12-lb. capacity plastic receptacle. Completely safe, the CC10 Crusher mechanism shuts off automatically when lid or access door are opened.

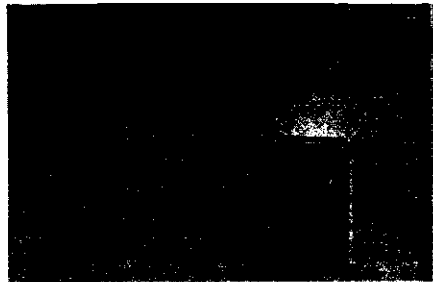
Powered by a 1/4 hp drive motor, the CC10 Crusher operates on 115 volts AC.

A perfect companion to bar or restaurant ice systems. Ideal for crushed ice display settings and sparkling food or beverage service. Adds crushed ice flexibility to any existing cube system. Designed for heavy duty operation, the Scotsman CC10 Crusher offers years of reliable service.



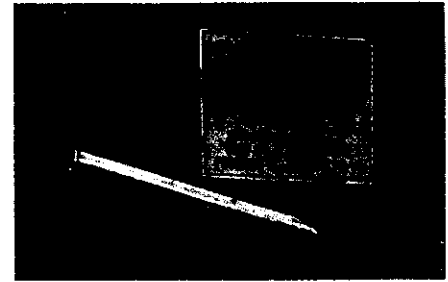
SAFETY LID

Crusher mechanism shuts off automatically when lid is open. Hinges hold lid in open position while loading.



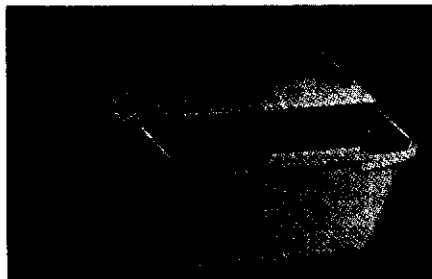
ROCKER SWITCH

Off-on rocker switch is conveniently located in upper corner of the unit.



AGITATOR LEVER

Agitates ice in bottom of hopper if bridging occurs. Convenient way to keep ice flowing free.



ACCESS DOOR

Compartment behind access door houses the 12 lb. capacity plastic receptacle. Motor shuts off automatically when access door is opened.



HOPPER AND CRUSHER BLADES

Stainless steel hopper is designed to gravity feed ice to heavy duty cast aluminum crusher blades. Hopper holds 12 lbs. of ice.



ICE SIZE CONTROL

A selection of chip sizes is available from Coarse to Fine. Control directions are indicated on instruction plate.

CC10 ice crusher

Capacity: 24-36 lbs. of ice per minute.
 Storage: 12 lb. receptacle included.
 Height: 29 1/2" (74.3cm) Width: 15" (38.1cm)
 Depth: 16 1/2" (41.9cm)
 Shipping Wgt.: 74 lbs. (33.6 kg.)
 Specifications: 115 volts, 60 cycle, 1 Phase.

- Cast Aluminum crusher mechanism
- Permanently lubricated bearings
- 1/4 hp drive motor
- Recessed drain base with tube

2 YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

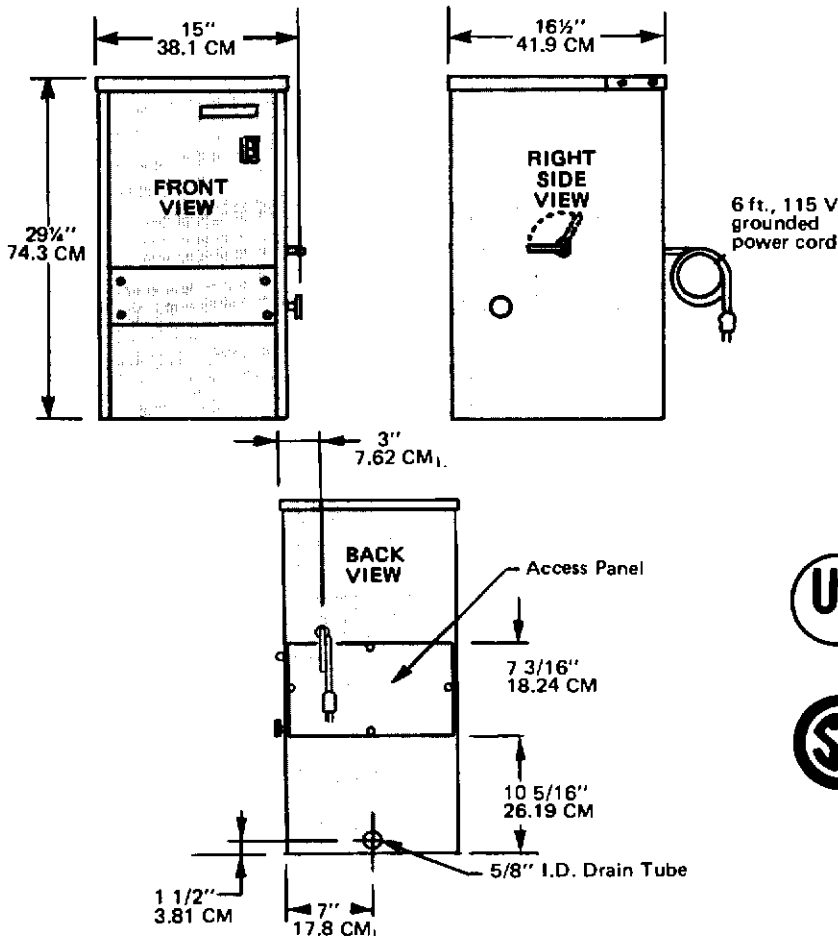
This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two years parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



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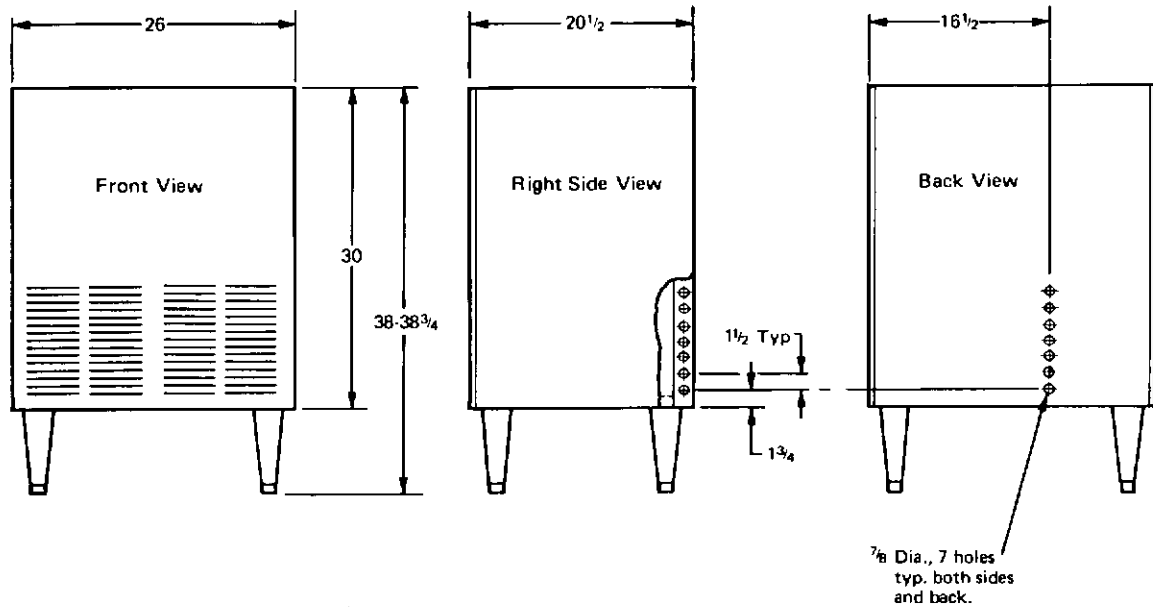


QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MN 56007

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

SCOTSMAN®

RCS50 SERIES



OPTIONAL KV5E-30A ELECTRIC VALVE KIT

- Kit consists of four McCann Electric valves and product lines. Four different syrup flavors plus carbonated and plain water can be dispensed.

Height: 38" - 38-3/4" with legs
 Width: 26"
 Depth: 20-1/2"

SPECIFICATIONS:

Condensing Unit	Compressor Horsepower	Finish (P-painted) (SS-Stainless Steel)	Shipping Weight (lbs.)	Basic Electricals	Minimum Wire Sizes (w-wire) (g-gauge)	Total Amperages
Air	1/5	P	202	Air Cooled 115/60/1	2w 14g	10.2
Air	1/5	SS	202			



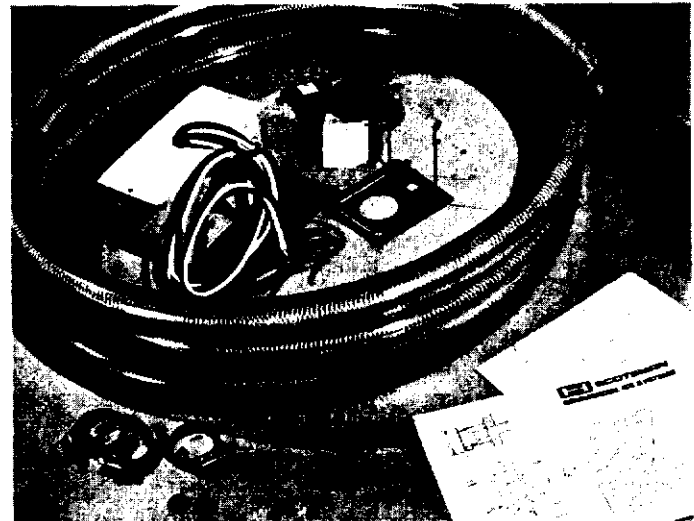
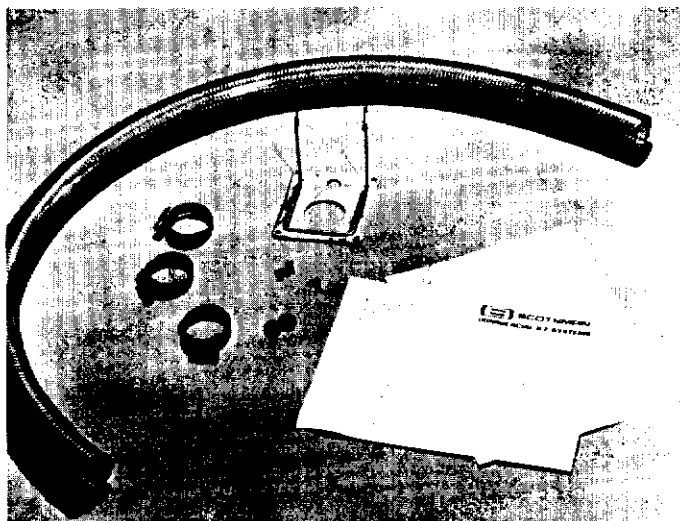
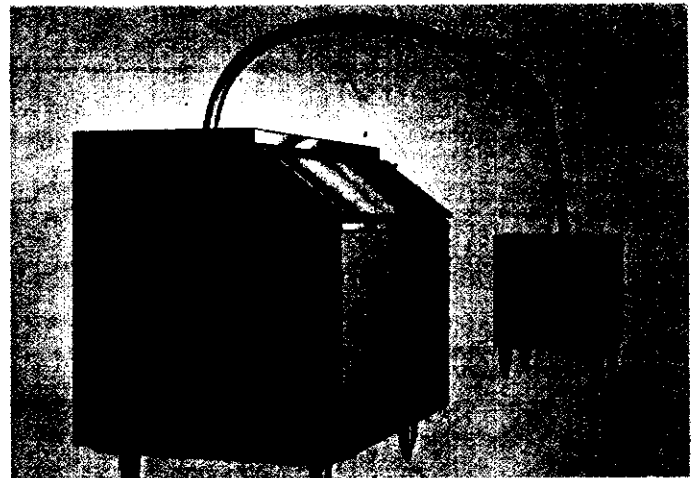
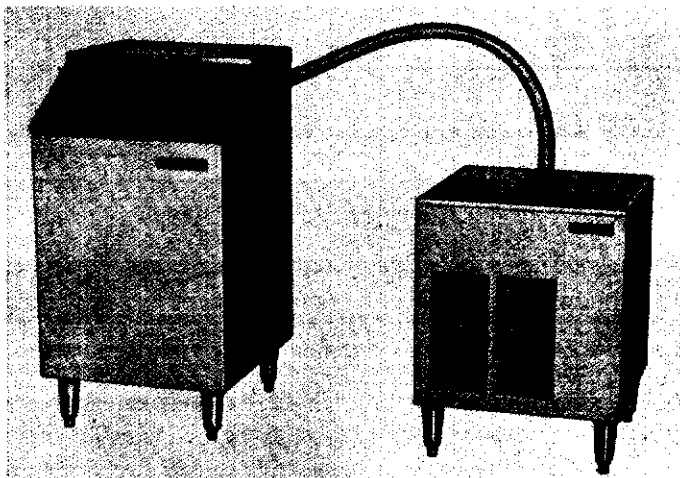
COMMERCIAL ICE SYSTEMS

Flake ice transport kits

Now, Scotsman offers three complete flake ice transport kits that permit installation of flake ice machines in virtually any location. A bin or dispenser can be installed in the activity area and your flake ice machine, where proper air circulation permits the unit to operate at maximum efficiency. Dust and grease particles in the air, are a machines worst enemy. Locating the unit in a less contaminated area helps your ice machine to run more efficiently with fewer service problems. Heat from the condenser can also be eliminated by remote installation, especially in kitchen areas where ovens and grills are a constant source of heat. The possibilities are endless.

Scotsman flake ice transport kits come complete with everything necessary for proper installation. Instructions are included with each kit.

Nylobrade tubing connects directly to the ice discharge port inside the modular flaker. The tube can enter bins or dispenser through a cutout in the cabinet wall wherever desired. Maximum transport distance is 20 feet. Tubing may be insulated for maximum cold retention. On the 20' length, the thermostat is attached to the end of the tube inside the bin to shut off flaker. On 4' lengths the thermostat is already connected to the modular flaker.



KMFT 4: For use with MF3, MF4, MF5

Kit Contains: 4 ft. Nylobrade Tubing, 3 Hose Clamps, 2 Grommets, 1 Thermostat Bracket, Instruction Sheet and 4 Screws.

KMFT 20-1: For use with MF3, MF4

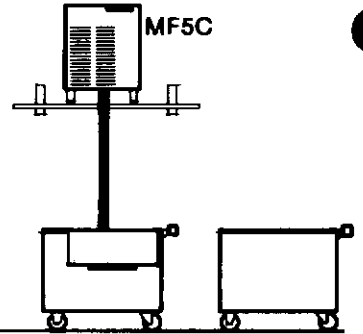
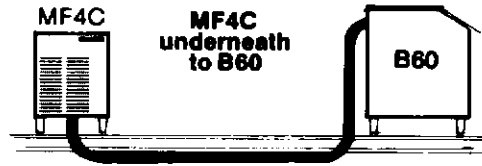
Kit Contains: 20 ft. Nylobrade Tubing, 3 Hose Clamps, 2 Grommets, 1 Thermostat Bracket, 1 Transformer-Relay Box (115V), 1 Remote Thermostat, Instructions and 4 Screws.

KMFT 20-2: For use with MF5

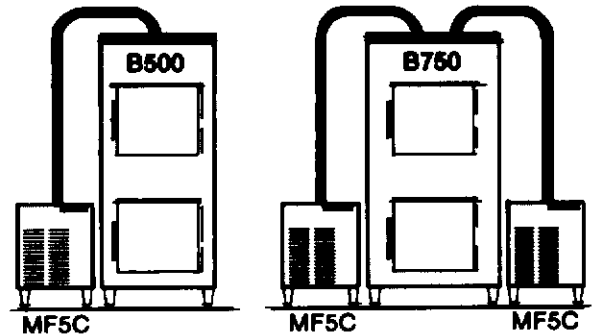
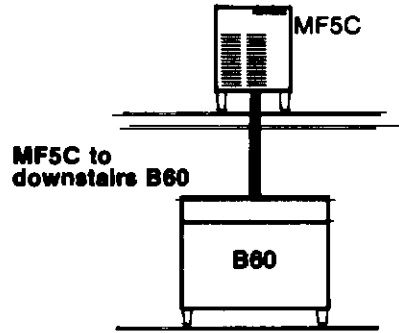
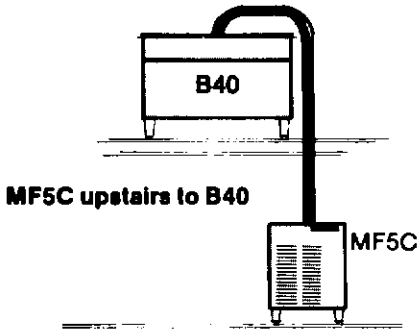
Kit Contains: Same as above except for 230V Transformer-Relay Box.

Scotsman Flake ice transport kits offer complete flexibility!

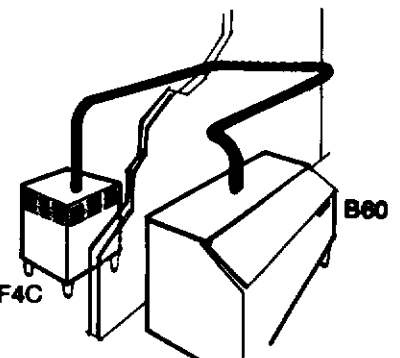
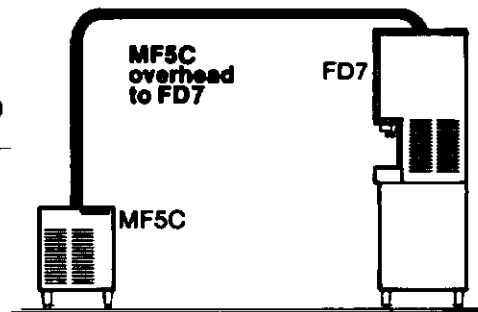
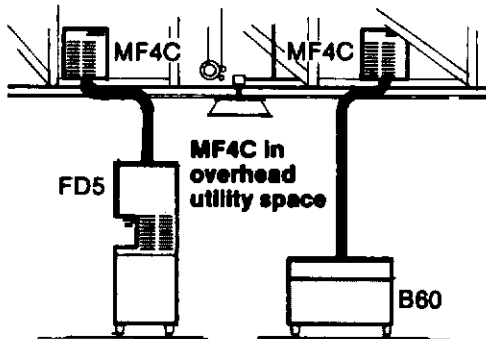
A completely versatile method of flake ice production and storage makes available unlimited installation possibilities. Upstairs, downstairs, through a wall, around stairs, through a wall, around corners or wherever ice is needed. Just a few of the many possibilities are demonstrated on this page.



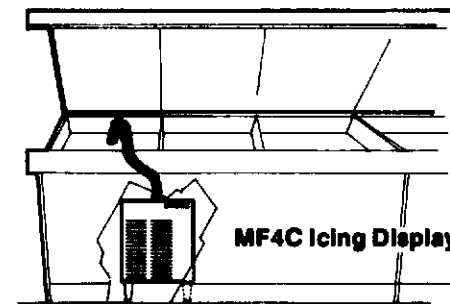
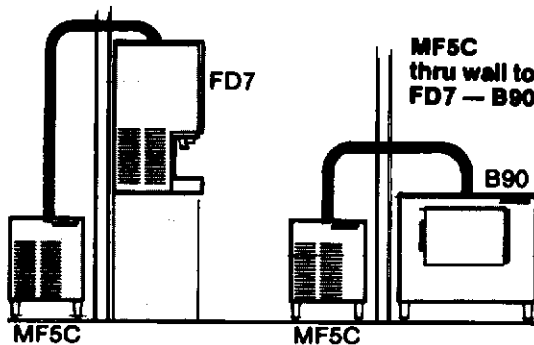
MF5C filling mobile bins



MF5C adjacent to a B500 or B750



MF4C around a corner to a B60 bin



Decide on the best location for your ice machine, then transport flake ice to bin or dispenser for maximum convenience and efficiency.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN
COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MINN. 56007

SCOTSMAN

MACHINE/BIN COMBINATION SIZING CHART

DIMENSIONS: Height (Inches) x Width (Inches) x Depth (Inches) — Includes 6" Legs.

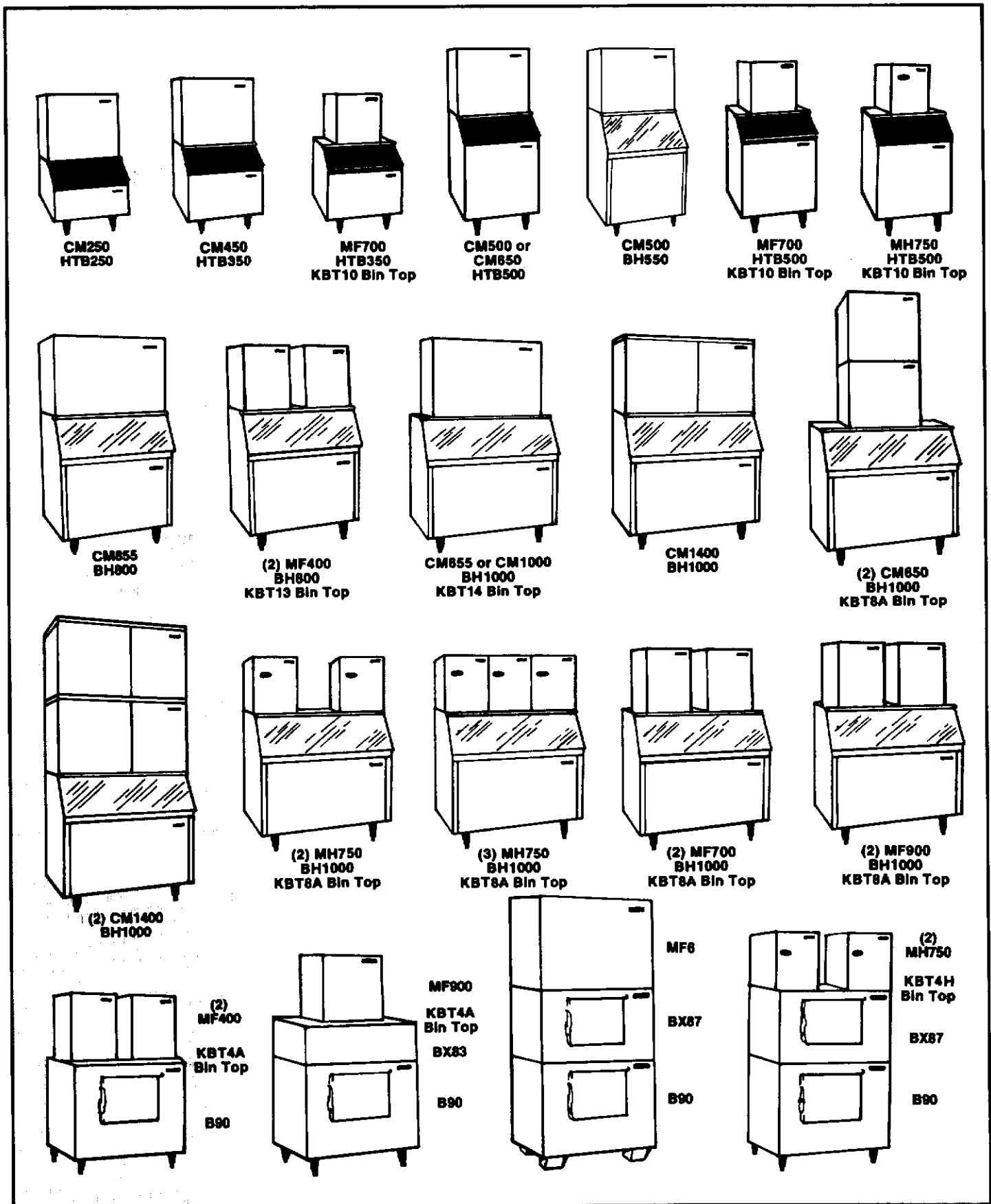
H 55 ⁷ / ₁₆ W 30 D 31 ¹ / ₂	H 55 ⁷ / ₁₆ W 30 D 31 ¹ / ₂	H 55 ⁷ / ₁₆ W 30 D 31 ¹ / ₂	H 55 ⁷ / ₁₆ W 30 D 31 ¹ / ₂								
H 62 ¹ / ₂ W 30 D 31 ¹ / ₂	H 62 ¹ / ₂ W 30 D 31 ¹ / ₂	H 62 ¹ / ₂ W 30 D 31 ¹ / ₂	H 62 ¹ / ₂ W 30 D 31 ¹ / ₂				H 58 ¹ / ₂ W 30 D **31 ¹ / ₂ w/KBT10	H 58 ⁷ / ₁₆ W 30 D 31 ¹ / ₂ w/KBT10	H 58 ⁷ / ₁₆ W 30 D 31 ¹ / ₂ w/KBT10	63 ⁷ / ₁₆ W 30 D 31 ¹ / ₂ w/KBT10	
H 74 W 30 D 31 ¹ / ₂	H 74 W 30 D 31 ¹ / ₂	H 74 W 30 D 31 ¹ / ₂	H 74 W 30 D 31 ¹ / ₂				H 70 W 30 D **31 ¹ / ₂ w/KBT10	H 69 ¹⁵ / ₁₆ W 30 D 31 ¹ / ₂ w/KBT10	H 69 ¹⁵ / ₁₆ W 30 D 31 ¹ / ₂ w/KBT10	H 74 ¹⁵ / ₁₆ W 30 D 31 ¹ / ₂ w/KBT10	
H 77 W 30 D 31 ¹ / ₂	H 77 W 30 D 31 ¹ / ₂	H 77 W 30 D 31 ¹ / ₂	H 77 W 30 D 31 ¹ / ₂				H 73 W 30 D **31 ¹ / ₂ w/KBT10	H 72 ¹⁵ / ₁₆ W 30 D 31 ¹ / ₂ w/KBT10	H 72 ¹⁵ / ₁₆ W 30 D 31 ¹ / ₂ w/KBT10	H 77 ¹⁵ / ₁₆ W 30 D 31 ¹ / ₂ w/KBT10	
H 78 ⁷ / ₁₆ W 42 D 31 ¹ / ₂ w/KBT13	H 78 ⁷ / ₁₆ W 42 D 31 ¹ / ₂ w/KBT13	H 78 ⁷ / ₁₆ W 42 D 31 ¹ / ₂ w/KBT13	H 78 ⁷ / ₁₆ W 42 D 31 ¹ / ₂ w/KBT13	H 77 W 42 D 31 ¹ / ₂	H 77 W 42 D 31 ¹ / ₂		H 73 ¹ / ₁₆ W †42 D **31 ¹ / ₂ w/KBT13	H 73 W †42 D 31 ¹ / ₂ w/KBT13	H 73 W †42 D 31 ¹ / ₂ w/KBT13	H 78 W †42 D 31 ¹ / ₂ w/KBT13	
H 78 ¹ / ₂ W 52 D 31 ¹ / ₂ w/KBT8A	H 78 ¹ / ₂ W 52 D 31 ¹ / ₂ w/KBT8A	H 78 ¹ / ₂ W 52 D 31 ¹ / ₂ w/KBT8A	H 78 ¹ / ₂ W 52 D 31 ¹ / ₂ w/KBT8A	H *77 W 52 D 31 ¹ / ₂ w/KBT14	H *77 W 52 D 31 ¹ / ₂ w/KBT14	H 77 W 52 D 31 ¹ / ₂	H 73 W †52 D **31 ¹ / ₂ w/KBT8A	H 72 ¹⁵ / ₁₆ W †52 D 31 ¹ / ₂ w/KBT8A	H 72 ¹⁵ / ₁₆ W †52 D 31 ¹ / ₂ w/KBT8A	H 77 ¹⁵ / ₁₆ W †52 D 31 ¹ / ₂ w/KBT8A	
							H 60 ¹ / ₂ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4E	H 60 ⁵ / ₁₆ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4A	H 60 ⁵ / ₁₆ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4A	H 65 ⁵ / ₁₆ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4A	H 65 ¹ / ₂ W 42 ¹ / ₄ D 32 ¹ / ₄
							H 73 ¹ / ₂ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4E	H 73 ⁷ / ₁₆ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4A	H 73 ⁷ / ₁₆ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4A	H 78 ⁷ / ₁₆ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4A	H 79 W 42 ¹ / ₄ D 32 ¹ / ₄
							H 88 ¹ / ₂ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4E	H 88 ⁵ / ₁₆ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4A	H 88 ⁵ / ₁₆ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4A	H 93 ⁵ / ₁₆ W 42 ¹ / ₄ D 32 ¹ / ₄ w/KBT4A	H 93 ¹ / ₂ W 42 ¹ / ₄ D 32 ¹ / ₄

* Machines cannot be stacked.

** Add 2" Overhang in Back.

† Machines are Side by Side.

ICE MACHINE AND STORAGE BIN SAMPLE COMBINATIONS



SCOTSMAN.

A HOUSEHOLD

SCOTSMAN ICE SYSTEMS • 505 FRONT ST. • ALBERT LEA, MN 56007 • (507) 373-3961

INTERNATIONAL COMPANY

TELEX EASYLINK 62922027

Printed in U.S.A.

S-189-88



Scotsman has purchased the tooling and the manufacturing rights to the Whirlpool brand of commercial ice equipment. Scotsman is now manufacturing the products in its plants, using the tooling purchased from Whirlpool. The Scotsman W Series warranty is identical to the previous Whirlpool warranty.

MANUFACTURER'S LIMITED WARRANTY

We warrant to the original purchaser-user, the W Series Ice System to be free from defects in material and/or workmanship, under normal use, if installed and serviced properly.

This product warranty shall be effective for a period of one year from the date of original installation if such installation is reported at the time of installation, or for a period of 15 months from the date of shipment from the factory if the date of original installation has not been reported.

An additional four year period is provided for the motor compressor of this equipment under the same conditions as the one year parts portion. This warranty is applicable only in the United States and Canada.

Our obligation under this warranty is limited strictly to replacing without charge, or to repairing upon return to the factory, transportation charges prepaid, any part or parts found to be defective in material and/or workmanship during the warranty period. The model and serial number and the date of original installation of the product must be provided.

Charges for labor (except labor performed in the factory to repair defective parts) are not covered. No part or assembly which has been subject to accident, alteration or misuse, or which has not been installed or serviced properly, or which is from a machine on which the serial number has been altered or removed, shall be covered by the warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance or installation shall be made by the Factory Service Department and shall be final and binding upon the parties.

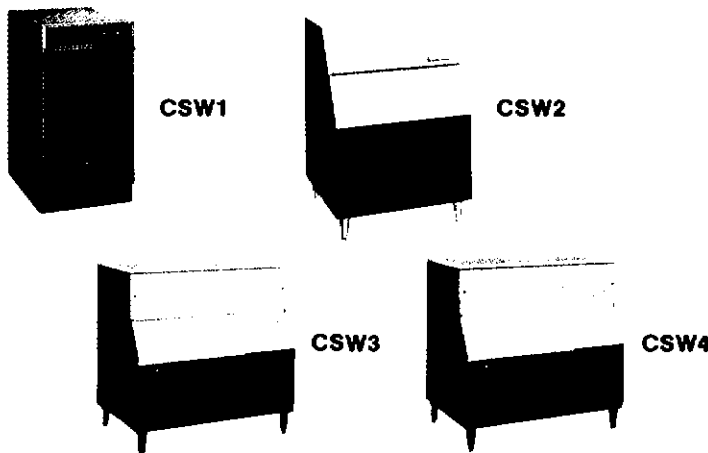
We do not assume liability for incidental or consequential damages of any kind or for any damages resulting in whole or in part from misuse or inadequate maintenance of the product or any part thereof.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES OR GUARANTEES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

SELF-CONTAINED CUBERS

- Choice of production capacities up to 361 lbs.
- Easily installs under bar or counter.
- Ice maker and storage in one compact cabinet.
- Fresh water is circulated over a freezing surface to produce hard ice and reduce mineral content for improved quality of ice.
- Offers one station convenience ... no ice hauling.
- Four versatile models to choose from.
- Generous bin openings for convenient ice removal.
- Produces sparkling, long-lasting, cubelet sized ice 3/4" x 3/4".

For those who prefer the larger sized cubes, 1 1/4" x 1 1/2", an optional cube grid is available. Model CSW1 optional grid makes 1 1/4" x 1 1/4" cubes.



SELF-CONTAINED CUBERS

CSW1 SELF-CONTAINED CUBERS

CSW1AE-1A	34 3/4" x 17 1/2" x 24 1/2"	35 lbs.	53 lbs.	Air	E	115/60/1	1/4"	15	4.6	1/4"	3/4"	120 lbs.
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CSW2 SELF-CONTAINED CUBERS

CSW2AE-1A	34 3/4" x 30" x 29"	111 lbs.	120 lbs.	Air	E	115/60/1	1/2"	15	8.5	1/4" - 3/4"	3/4" - 1/2"	240 lbs.
CSW2WE-1A	34 3/4" x 30" x 29"	111 lbs.	126 lbs.	Water	E	115/60/1	1/2"	15	8.5	1/4" - 3/4"	3/4" - 1/2"	240 lbs.

CSW3 SELF-CONTAINED CUBERS

CSW3AE-1A	39 3/4" x 44" x 29"	242 lbs.	227 lbs.	Air	E	115/60/1	3/8"	15	10.0	1/4"	3/4"	330 lbs.
CSW3WE-1A	39 3/4" x 44" x 29"	242 lbs.	221 lbs.	Water	E	115/60/1	3/8"	15	10.0	1/4" - 3/4"	3/4" - 1/2"	330 lbs.

CSW4 SELF-CONTAINED CUBERS

CSW4AE-1A	39 3/4" x 44" x 29"	242 lbs.	340 lbs.	Air	E	115/60/1	3/4"	20	12.5	1/4"	3/4"	330 lbs.
CSW4WE-1A	39 3/4" x 44" x 29"	242 lbs.	361 lbs.	Water	E	115/60/1	3/4"	20	12.5	1/4" - 3/4"	3/4" - 1/2"	330 lbs.

KLP2E — Black enamel finish legs are included with all machines, bins and stands that are enamel finished. **KBC1** — Optional bin caster kit, two standard and two locking 3 1/2" dia. wheel casters. Lifts bin 4 1/16" off of floor.

GRIDS FOR LARGE CUBES — On Model CSW1 to convert cube size to 1 1/4" x 1 1/4", order grid CCK-108-SG. On Model CSW2 to convert cube size to 1 1/4" x 1 1/2", order grid CCK-153-SG. On Models CSW3, CSW4, **CHW5 and **CHW7 to convert cube size to 1 1/4" x 1 1/2", order grid CCK-151-SG.

**Two grids required.

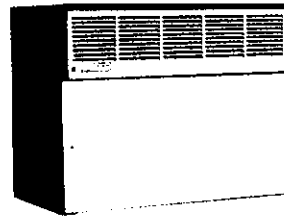
Note: Order these special grids through the Scotsman Parts Department.



ICE MACHINES COME IN SIZES AND TYPES TO SATISFY ALL YOUR ICE CUBE NEEDS.

CUBER HEADS W/O STORAGE

- Produces ice up to 706 lbs. in a 24 hour period.
- Lasting performance and reliability from ruggedly built galvanized steel cabinets.
- Efficient urethane foam insulation.
- Stainless steel freezing surfaces.
- A simple ice making system with few moving parts.
- Produces sparkling, long-lasting cubelet ice.
- Scuff resistant, high gloss, Sandalwood/Charcoal Brown Baked Gloss Enamel on Leathergrain Embossed Steel.



CH5

CH7

CUBER HEADS W/O STORAGE

W SERIES by SCOTSMAN

CHW5 CUBER HEAD W/O STORAGE

CHW5AE-1A	35 1/2 x 44 x 25 1/2	—	486 lbs.	Air	E	115/60/1	1	20	15.0	1/4	3/4	310 lbs.
CHW5WE-1A	35 1/2 x 44 x 25 1/2	—	454 lbs.	Water	E	115/60/1	1	20	15.0	1/4 - 1/2	3/4 - 1/2	310 lbs.

Use on Model CBW6E Cuber Storage Bin.

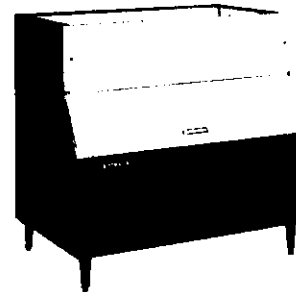
CHW7 CUBER HEAD W/O STORAGE

CHW7AE-31A	35 1/2 x 44 x 25 1/2	—	706 lbs.	Air	E	115-208/ 230/60/1	1	20	12.4	1/4	3/4	330 lbs.
CHW7WE-31A	35 1/2 x 44 x 25 1/2	—	686 lbs.	Water	E	115-208/ 230/60/1	1	20	11.4	1/4 - 3/8	3/4 - 1/2	330 lbs.

Use on Model CBW6E Cuber Storage Bin.

STORAGE BINS FOR CUBERS

- Stores up to 578 lbs. of ice.
- Tough, rugged, one-piece polyethylene liner has rounded corners to help make cleaning quick and easy.
- Sturdy galvanized steel construction with foamed-in-place urethane insulation helps retard ice meltage.
- Adjustable 6" legs to level unit and provide clearance for cleaning.



CBW6E

W SERIES by SCOTSMAN

STORAGE BINS FOR CUBERS

CBW6E STORAGE BIN FOR CUBERS

CBW6E	*44 x 44 x 29	578 lbs.	—	—	E	—	—	—	—	—	—	180 lbs.
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*Height is with legs.

NOTES: STORAGE BIN CAPACITIES

The calculated maximum storage capacity is based upon 90% of bin volume per ARI Standard 810-70, times density of ice. In use, the actual weight of ice in bin will normally be less than the calculated maximum storage capacity and will depend upon the type and distribution of ice in bin and the location of storage bin ice level control.

Type of Ice	Density (lb/ft ³)
Cubed ice	32.9
Cubelet ice	33.6

PRODUCTION CAPACITIES

Maximum ice production will be only obtained under ideal conditions. Capacities shown on all charts are average test capacities and variances of ± 5% are normal.

All production charts of ice machines of the plate and grid type are based upon the use of cube grids which produce the 1 1/4" x 1 1/2" x 1/2" size cube.

Factors which reduce the production capacity of ice machines are:

- Making cubes thicker than 1/2".
- Making cubelet ice 3/4" x 3/4". (Use of cubelet grids reduces ice production approximately 5% below that of the cube grid.)

Use the ice production charts and select equipment that will produce enough ice to meet your peak seasonal requirements.

All ice machines are designed to operate in ambient temperatures between 55° F and 110° F. To obtain rated capacities you should avoid locating ice makers in dusty or greasy atmospheres or adjacent to high-temperature equipment such as ovens, ranges and steam tables.

Local conditions may make water treatment advisable. Poor quality water can cause marginal operation and increase cleaning frequency and maintenance costs. Contact your local Scotsman Commercial Ice Machine Dealer for recommendations.

SCOTSMAN

A HOUSEHOLD

INTERNATIONAL COMPANY

505 FRONT ST., ALBERT LEA, MN 56007

Telephone 507/373-3961

TWX 910-565-2173

AS-469

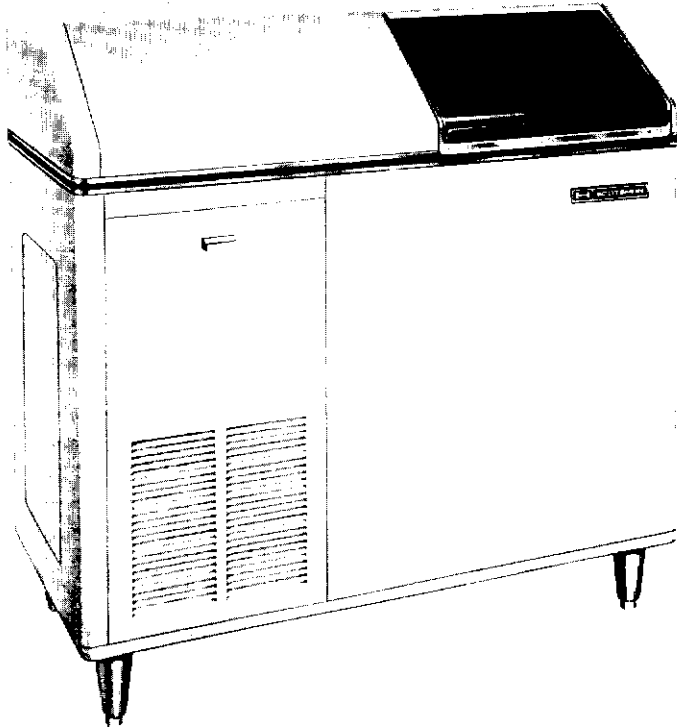
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SCOTSMAN[®]

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

SF 2 series flaker with storage

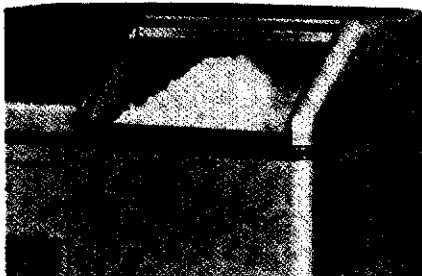


(Leg Kit Optional)

If you need volume ice production and storage in a single unit, the Scotsman SF2 Series Flaker will provide both. Available with either air or water cooled condensers to meet your installation requirements. This unit will produce up to 720* pounds of ice in 24 hours, and will store 350 pounds in the sanitary stainless steel bin. The SF2 produces flake ice made by Scotsman's unique freezing method. Where sparkle and clean refreshing color are necessary, as in a salad bar, Scotsman dry, hard bits of ice are the perfect solution. They melt slowly, last a long time in food displays and present an attractive setting. Access to ice is convenient through the large bin opening. The access door slides up, out of the way, and closes to a tight seal. A sensitive thermostat inside the bin shuts the machine off when bin is full and re-starts it automatically when ice is removed.

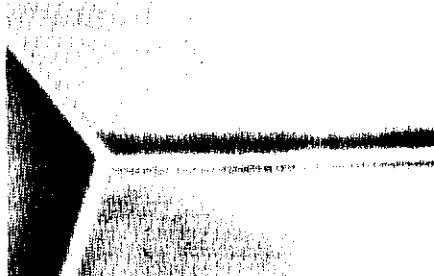
Scotsman is the largest manufacturer of ice making equipment . . . furnishing dependable, efficient and economical ice systems around the world.

**See Ice Making Capacity on other side.*



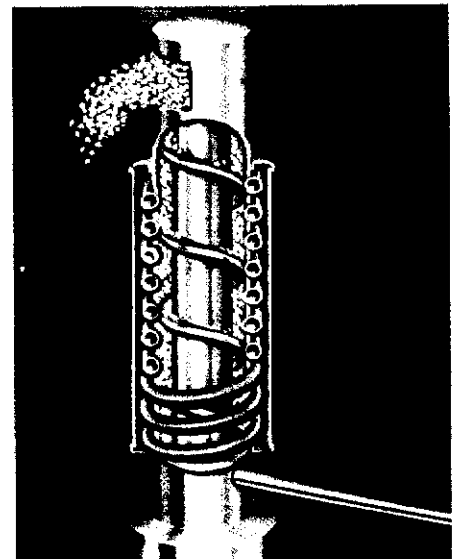
ACCESS DOOR

Access door slides up and back, out of the way, for easy access to ice. Closes to a tight seal . . . keeps cold inside bin.



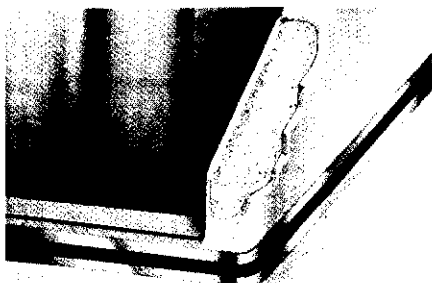
BIN LINER

Bin liner is made of heavy gauge stainless steel, welded together at corner and polished to form a completely sealed storage area. It's sanitary and easy to clean.



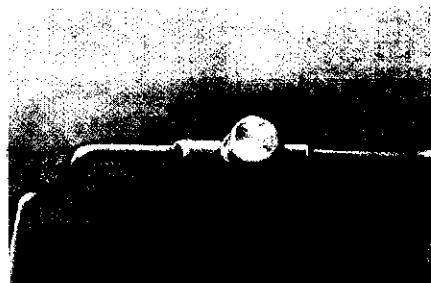
EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As snow forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.



BIN INSULATION

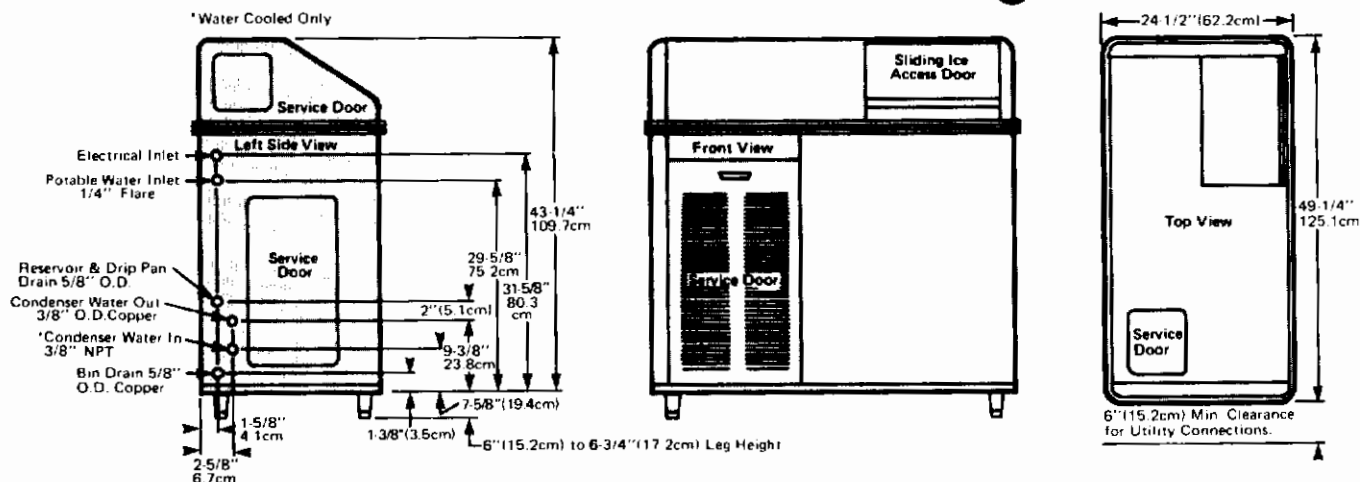
Two inches of fiberglass sandwiched between a steel outer shell and stainless steel bin liner provides a perfect barrier against warm outside air. Keeps flakes cold and minimizes melting.



SERVICE VALVES

Two, located behind front service door, provide an instant check on refrigerant pressure circulating through the system.

SF 2 series flaker with storage



*ICE MAKING CAPACITY Typical Ice Production — pounds of ice per 24 hours SF2J AIR-COOLED WATER TEMP.

AIR TEMP	F°	90°	70°	50°	lbs.
	C°	32°	21°	10°	
70°	560	635	710	710	lbs.
21°	254	286	322	322	kg.
90°	475	525	580	580	lbs.
32°	215	238	283	283	kg.
100°	435	480	530	530	lbs.
38°	197	218	240	240	kg.

SF2WJ WATER-COOLED WATER TEMP.

AIR TEMP	F°	90°	70°	50°	lbs.
	C°	32°	21°	10°	
70°	560	640	720	720	lbs.
21°	254	290	327	327	kg.
90°	545	615	685	685	lbs.
32°	247	279	310	310	kg.
100°	535	600	670	670	lbs.
38°	243	272	304	304	kg.

SPECIFICATIONS — SF2

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Shp. Wt. lbs./kgs.
SF2WSJ	Air	3/4	Enamel	388/175
SF2WSJSS	Air	3/4	Stainless Steel	388/175
SF2WWSJ	Water	3/4	Enamel	388/175
SF2WWSJSS	Water	3/4	Stainless Steel	388/175

*Sandalwood baked enamel finish or all heavy gauge stainless steel.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min. ** Circuit Ampercity	Max. Fuse Size	
Air-Cooled:	115/60/1	19.5	2	22.9	30
Water-Cooled:	115/60/1	18.6	2	22.1	30

** Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

*Capacity: Refer to Ice Making Capacity chart.
Storage Bin: 350 lbs. (159 kg)
Height: 43-1/4" (109.7 cm) w/o legs
Width: 49-1/4" (125.1 cm) Depth: 24-1/2" (62.2 cm)
Shipping Wt: 388 lbs. (175 kg)

OPTIONAL LEG KIT

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot, N.S.F. approved.

KLP2E: Black enamel finish. Recommended for enamel cabinets.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating name plate. Failure caused by improper voltage are not considered factory defect.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F or above 100° F.

Water Pressure & Temperature: Requires 20-lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F or above 100° F.



2 YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory. If a warranty registration form has not been returned, this warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two years parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



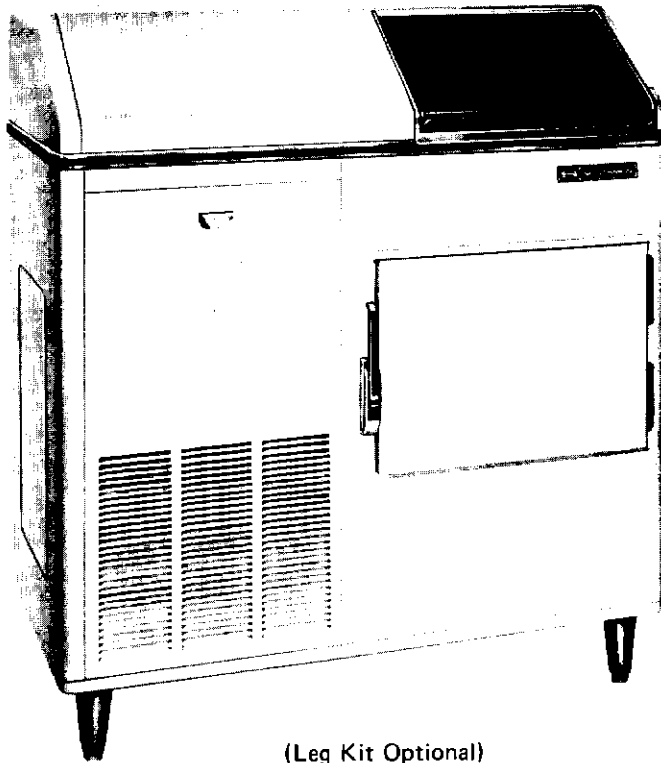
QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MN 56007



SCOTSMAN[®]

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

SF 3 series flaker with storage

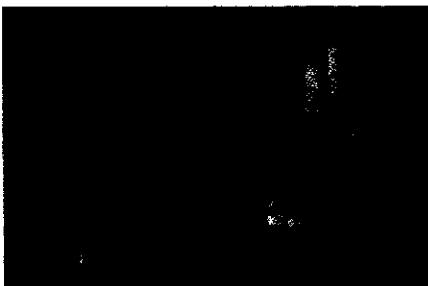


(Leg Kit Optional)

The SF3 Series Flaker produces up to 1150* pounds of ice in 24 hours . . . that's big volume in a single self-contained unit! Scotsman flake ice in abundance is stored in the sanitary 300 pound capacity, stainless steel bin. For the large do-it-yourself salad bar restaurants, Scotsman clean hard bits of ice, create an atmosphere of glamour and appetite appeal to any food display. The Flaker mechanism is a patented exclusive. With only one refrigerated moving part, this unique flake ice making method offers many years of trouble-free operation.

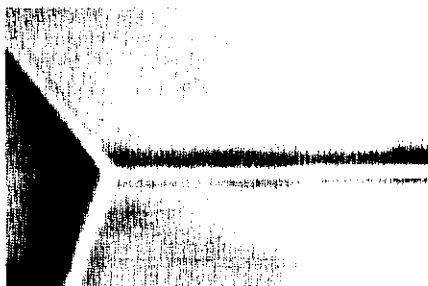
Two access doors make ice removal convenient for large or small amounts. A waist-high door slides up, out of the way for filling containers and a hinged door swings open when volume amounts of ice are removed on carts. The SF3 is completely automatic . . . shuts off when bin is full and re-starts as ice is removed. The Scotsman 24 month parts warranty is your assurance of the quality built into every unit.

**See Ice Making Capacity on other side*



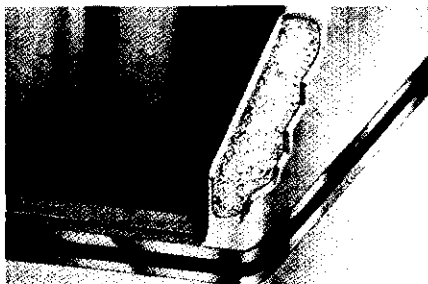
HINGED ACCESS DOOR

Insulated door features heavy-duty latch and hinges with a baffle arrangement that prevents ice from spilling onto the floor. The large opening allows for volume ice removal.



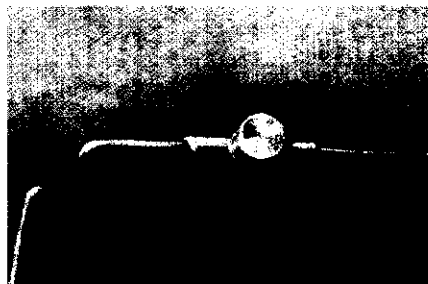
BIN LINER

Bin liner is made of heavy gauge stainless steel, welded together at corner and polished to form a completely sealed storage area. It's sanitary and easy to clean.



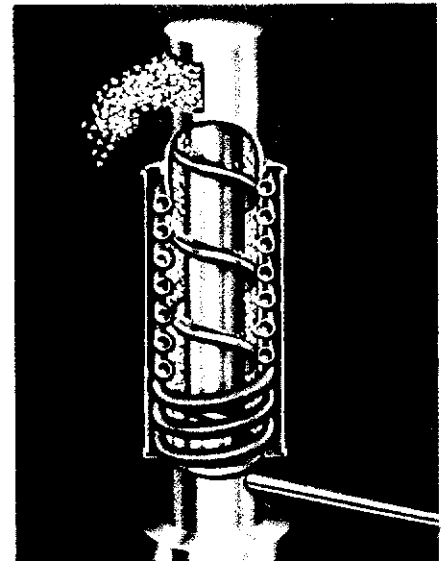
BIN INSULATION

Two inches of fiberglass sandwiched between a steel outer shell and stainless steel bin liner provides a perfect barrier against warm outside air. Keeps flakes cold and minimizes melting.



SERVICE VALVES

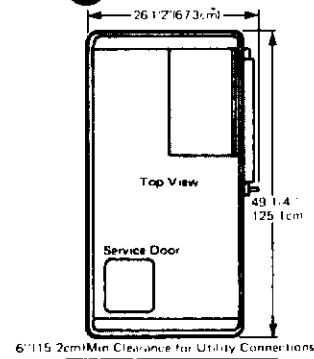
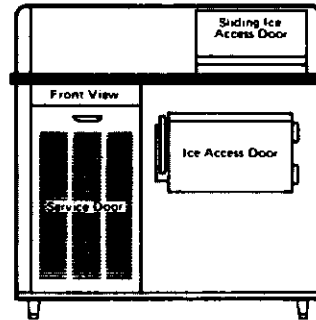
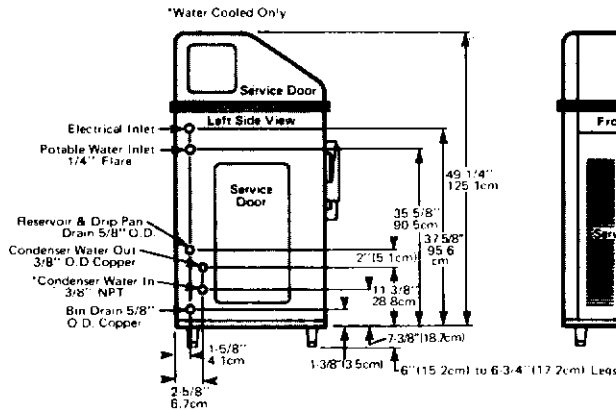
Two, located behind front service door, provide an instant check on refrigerant pressure circulating through the system.



EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.

SF 3 series flaker with storage



***ICE MAKING CAPACITY**
Typical Ice Production
pounds of ice per 24 hours
SF3J AIR-COOLED
WATER TEMP.

A I R T E M P.	F°	90°	70°	50°	lbs.
	C°	32°	21°	10°	
R	70°	920	1035	1150	lbs.
T	21°	417	469	522	kg.
E	90°	820	920	1025	lbs.
M	32°	372	417	465	kg.
P.	100°	760	850	950	lbs.
	38°	345	385	431	kg.

SF3WJ WATER-COOLED
WATER TEMP.

A I R T E M P.	F°	90°	70°	50°	lbs.
	C°	32°	21°	10°	
R	70°	885	1005	1140	lbs.
T	21°	401	456	517	kg.
E	90°	835	955	1075	lbs.
M	32°	379	433	488	kg.
P.	100°	815	935	1050	lbs.
	38°	370	424	476	kg.

SPECIFICATIONS - SF3

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship. Wt. lbs./kgs.
SF3WSJ	Air	1	Enamel	472/213
SF3WSJSS	Air	1	Stainless Steel	472/213
SF3WWSJ	Water	1	Enamel	472/213
SF3WWSJSS	Water	1	Stainless Steel	472/213

*Sandalwood baked enamel finish or all heavy gauge stainless steel.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min. ** Circuit Ampacity	Max. Fuse Size	
Air-Cooled:	230/60/1	8.9	2	10.4	15
	208-220/60/3	5.7	3	6.6	15
	208/60/1	9.3	2	10.9	15
Water-Cooled:	230/60/1	8.1	2	9.7	15
	208-220/60/3	5.0	3	6.0	15
	208/60/1	8.5	2	10.2	15

** Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

***Capacity:** Refer to Ice Making Capacity chart
Storage Bin: 300 lbs. (136 kg.)
Height: 49-1/4" (125.1 cm.) w/o legs
Width: 49-1/4" (125.1 cm.)
Depth: 26-1/2" (67.3 cm.)
Weight: 472 lbs. (213 kg.)

OPTIONAL LEG KITS

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot. N.S.F. approved.

KLP2E: Black enamel finish. Recommended for enamel cabinets.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defect.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F or above 100° F.

Water Pressure & Temperature: Requires 20-lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F or above 100° F.

2 YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty, is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two years parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



Scotsman Ice Systems include a full line of modular and self-storing chubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MN 56007

SCOTSMAN[®]

ICE MACHINES

PRODUCT NAME:

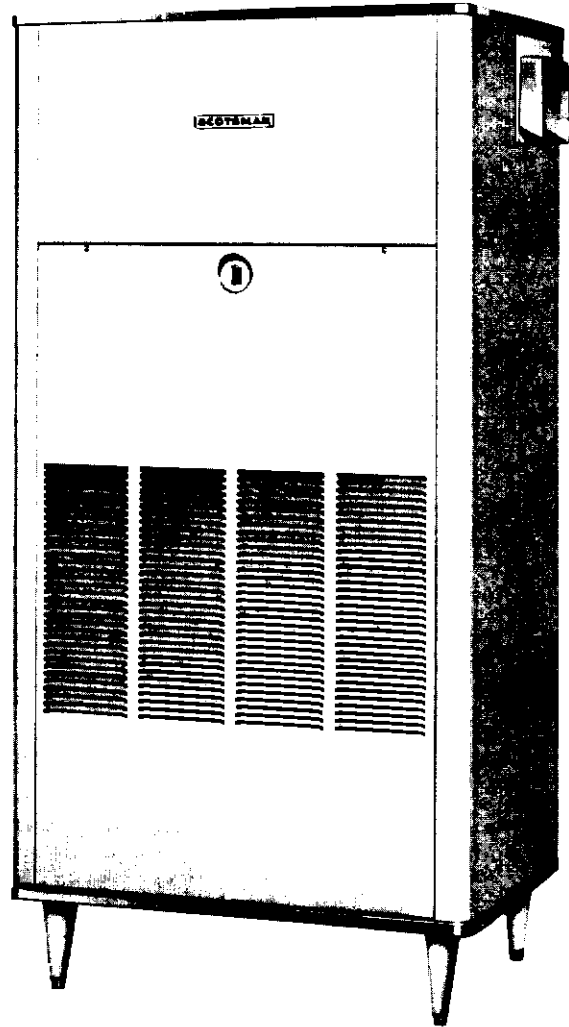
SCOTSMAN[®]

FLAKER MODEL

SF5 SERIES

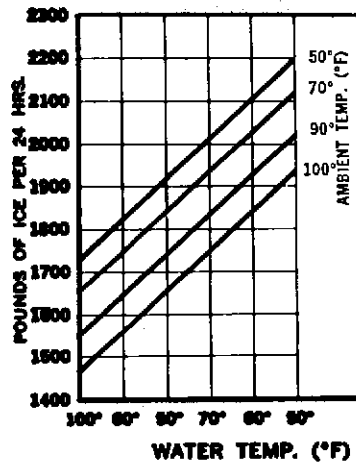
MANUFACTURER:

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007

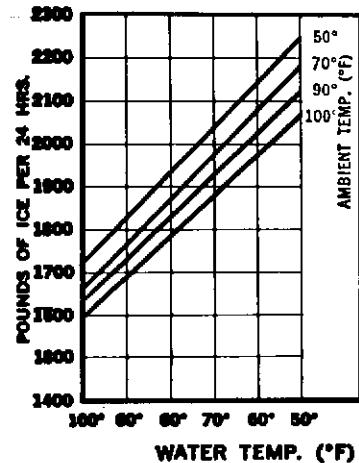


**Ice
MAKING
CAPACITY:**

AIR COOLED MODELS

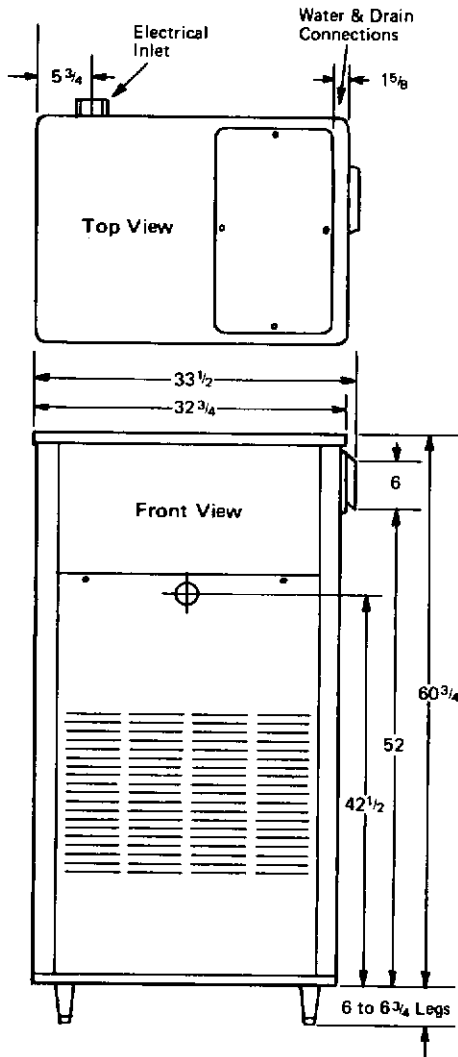


WATER COOLED MODELS



SCOTSMAN®

SF5 SERIES



Capacity: Refer to production chart.

Storage Bin: B500, B750, B1000 or B1500

Stainless Steel Lined

Height: (with legs) $66\frac{3}{4}$ " to $67\frac{1}{2}$ "

(without legs) $60\frac{3}{4}$ "

Width: $32\frac{3}{4}$ "

Depth: $24\frac{3}{4}$ " ($26\frac{3}{8}$ " with electrical junction box)

$\frac{3}{8}$ NPT drain
Air Cooled
 $\frac{3}{4}$ NPT water inlet
Water Cooled

$\frac{3}{4}$ NPT condenser
outlet Water Cooled
only

$\frac{1}{4}$ NPT
water inlet

$2\frac{7}{8}$

3

2

3

$\frac{3}{4}$ IPT drain
Water Cooled only

SPECIFICATIONS:

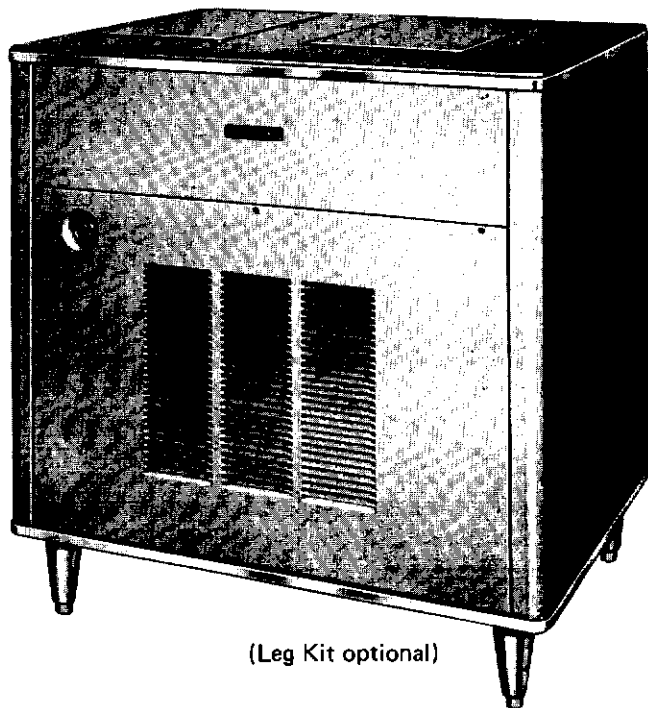
Model	Compressor Horsepower	Phase (NEMA) (SS-208/230V)	Capacity (GPH)	Basic Electricals	Minimum Wire Sizes (w-wire) (g-gauge)	Total Amperages
AV	2	P	764	Air Cooled 230/60/1 208-220/60/3 208/60/1	2w 12g 3w 14g 2w 12g	14.3 11.8 15.1
AV	2	SS	764			
AV	2	P	663	Water Cooled 230/60/1 208-220/60/3 208/60/1	2w 14g 3w 14g 2w 14g	12.1 9.6 12.0
AV	2	SS	663			

Specifications subject to change without notice.



SCOTSMAN

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS



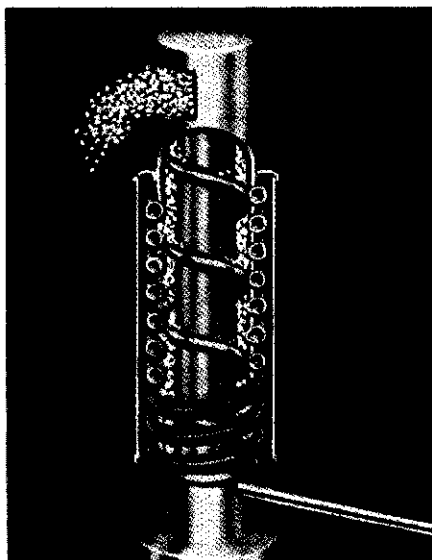
(Leg Kit optional)

SF 8 series flaker

For high volume users or commercial ice suppliers, the SF 8 series flaker offers dependability you can count on. Two large flaker mechanisms produce up to 4105 lbs. of ice in 24 hours and it's Scotsman quality flake ice. Scotsman flakes are hard bits of ice that are slow melting and add appetite appeal to any food display or beverage. Your Scotsman representative can recommend the best storage possibilities to meet your particular needs.

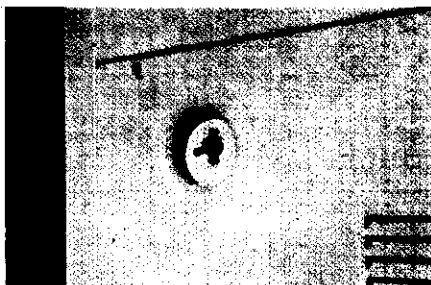
Scotsman offers a 24 month parts warranty . . . your assurance of quality and years of trouble-free service.

**See Ice Making Capacity on other side.*



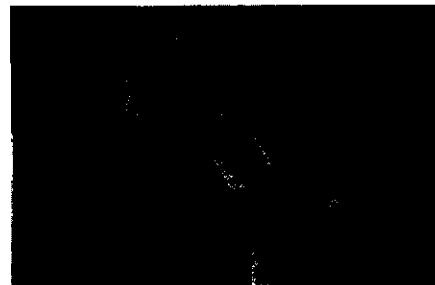
EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.



MASTER SWITCH

A toggle switch, conveniently located on the front panel, turns unit completely off when required ice volume is produced, and back on when more ice production is needed.



HIGH VOLUME STORAGE

Flaker can be mounted on top of stainless steel refrigerated room. Ice is gravity-fed to the storage area via two discharge chutes located on back of unit. Consult your Scotsman representative for other volume storage methods.



OPTIONAL LEG KITS

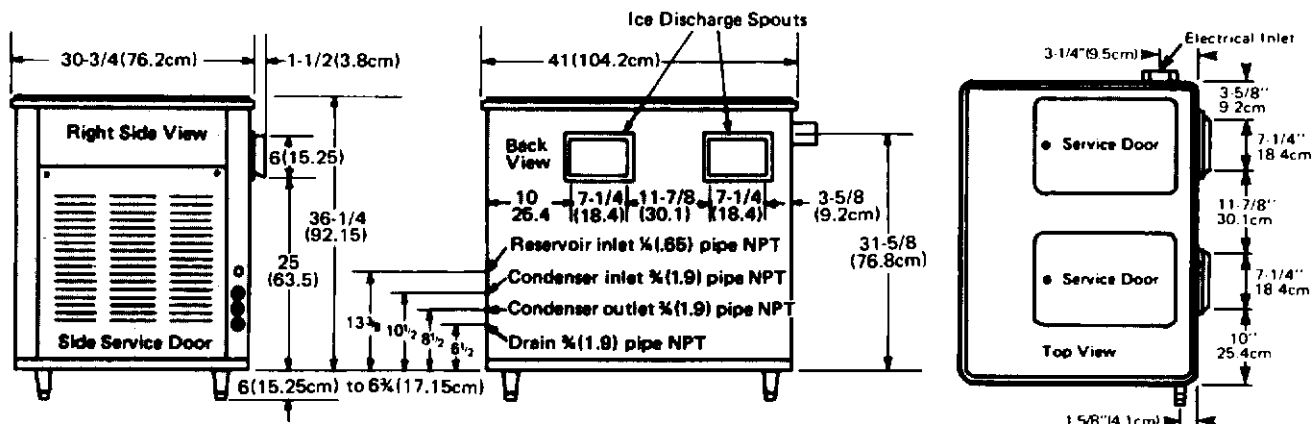
Set of 4 cast metal legs with adjustable leveling feet. Legs are 6" high and screw into mounting holes in base. Order Kit KLP2E in black enamel or Kit KLP2S for stainless steel.



QUALITY ICE

The unique flaker mechanism delivers clean hard bits of ice to the bin. Scotsman flakes hold up well in displays or when served in beverages.

SF 8 series flaker



*Capacity: Refer to Ice Making Capacity chart.
 Storage Bin: Consult your Scotsman Representative
 Height: 36-1/4" (92.15cm) w/o legs.
 Width: 41" (104.2cm) Depth: 30-3/4" (76.2cm)

OPTIONAL LEG KITS

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot.

KLP2E: Black enamel finish. Recommended for enameled cabinets.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation.

Machine will not operate when air temperature is below 50° F. or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.

SF8 WATER-COOLED ONLY

WATER TEMP.

AIR TEMP.	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	3645	3800	4105	lbs.	
21°	1653	1724	1862	kg.	
90°	3500	3730	3965	lbs.	
32°	1588	1692	1799	kg.	
100°	3365	3600	3825	lbs.	
38°	1526	1633	1735	kg.	

*ICE MAKING CAPACITY

Typical ice production
 Lbs. of ice per 24 hours.



SPECIFICATIONS - SF8

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship.Wt. lbs./kgs.
SF8WH	Water	5	Enamel	1008/454
SF8WHSS	Water	5	Stainless Steel	1008/454

*Sandalwood enamel finish or all heavy gauge stainless steel.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min.* Circuit Ampercity	Max. Fuse Size
Water-Cooled: 230/60/1	25.4	2	29.9	40
208-220/60/3	20.4	3	23.3	30

*Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

TWO YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants to the original purchaser-user, that any commercial product of its manufacture bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This product warranty shall be effective for a period of two years from the date of original installation if such installation is reported on Scotsman's warranty registration form returned to the factory at the time of installation, or for a period of 27 months from date of shipment from the factory if the warranty registration form has not been returned (provided the foregoing warranty periods will be extended for an additional three years as to the motor compressor part). This warranty is applicable only in the United States and Canada.

Scotsman's obligation is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. The serial and model numbers and date of original installation of the product must be given. Charges for labor (except labor performed in the Scotsman factory to repair defective parts) are not covered. No part or assembly which has been subject to accident, alteration or misuse, or which is not installed or serviced in accordance with the user manual furnished with the product, or which is from a machine on which the serial number has been altered or removed, shall be covered by this warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance or installation shall be made by Scotsman's Service Department and shall be final and binding upon the parties.

Scotsman assumes no liability for incidental or consequential damages of any kind or for any damages resulting in whole or in part from misuse or inadequate maintenance of the product or any part thereof.

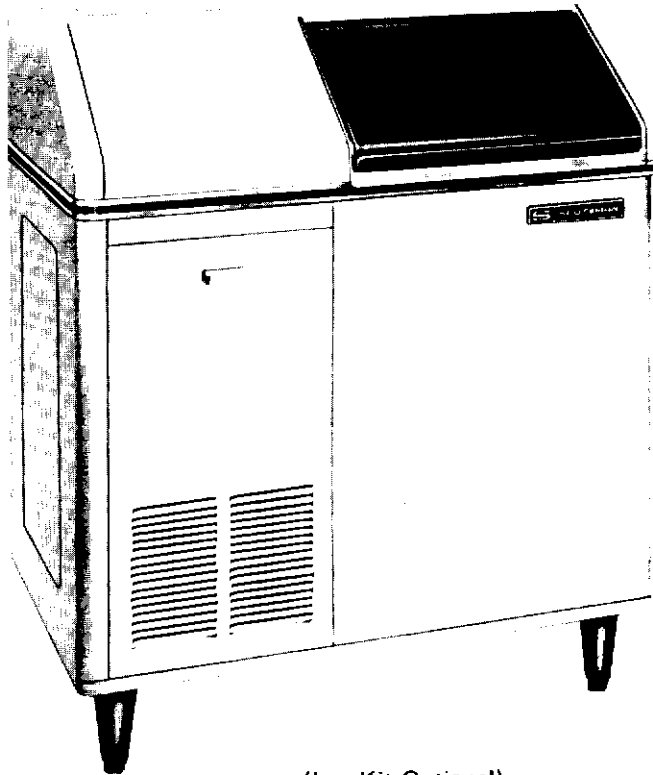
THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MINN. 56007

SF 1 series flaker with storage

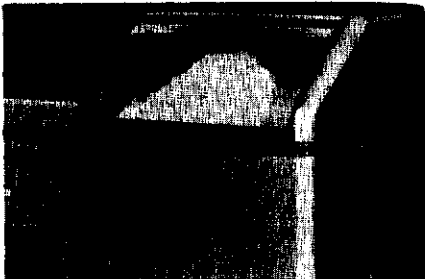


(Leg Kit Optional)

The sanitary way to produce and store flake ice in one complete self-contained unit. Produces up to 480* pounds of Scotsman flake ice and has a storage bin capacity of 220 pounds. A tight-seal access door slides up and out of the way exposing an opening as wide as the bin for convenient handling of ice. Not just ice . . . but Scotsman's sparkling, clean, hard bits of flake ice that hold up in displays and beverages. Ice that adds glamour and appetite appeal to any food service. The Scotsman patented, ice flaker mechanism is unique in the industry. It does not shave ice but breaks off hard, dry, long lasting bits of clean ice in abundance.

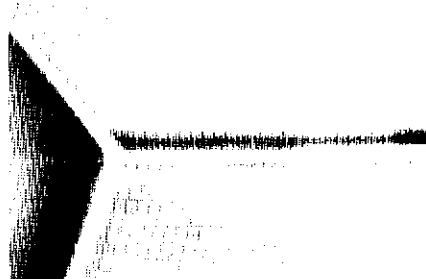
Scotsman is a world leader in the manufacture of ice making equipment and this leadership brings with it the assurance of dependable, economical, trouble-free service for many years of operation, plus the finest quality flake ice available.

**See Ice Making Capacity on other side.*



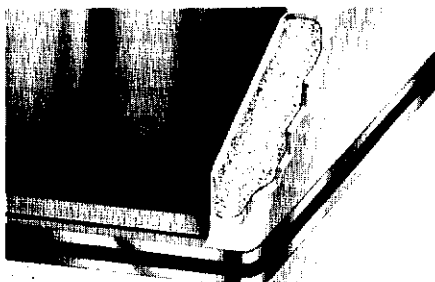
ACCESS DOOR

Access door slides up and back, out of the way, for easy access to ice. Closes to a tight seal . . . keeps cold inside bin.



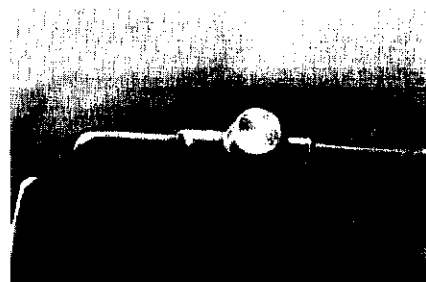
BIN LINER

Bin liner is made of heavy gauge stainless steel, welded together at corner and polished to form a completely sealed storage area. It's sanitary and easy to clean.



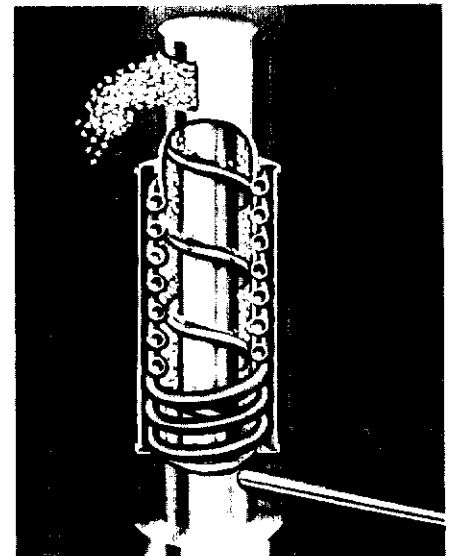
BIN INSULATION

Two inches of fiberglass sandwiched between a steel outer shell and stainless steel bin liner provides a perfect barrier against warm outside air. Keeps flake cold and minimizes melting.



SERVICE VALVES

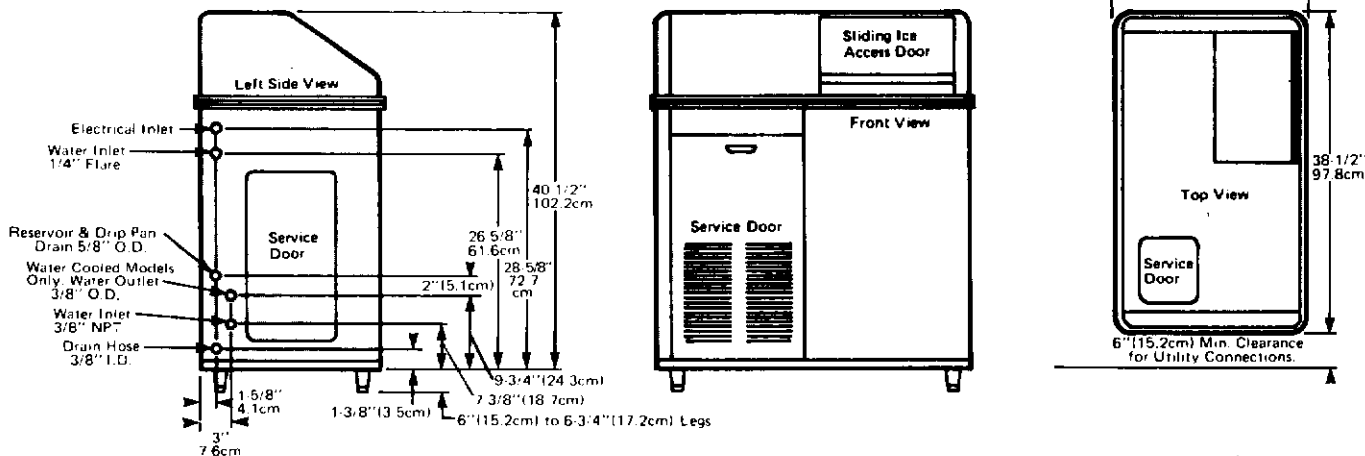
Two, located behind front service door, provide an instant check on refrigerant pressure circulating through the system.



EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.

SF1 series flaker with storage



Typical Ice Production –
pounds of ice per 24 hours
SF1A AIR-COOLED
WATER TEMP.

A I R T E M P.	F°	90°	70°	50°	
	C°	32°	21°	10°	
	70°	380	430	480	lbs.
	21°	172	195	218	kg.
90°	340	370	390	lbs.	
32°	154	168	177	kg.	
100°	310	340	370	lbs.	
38°	140	154	188	kg.	

SF1W WATER-COOLED
WATER TEMP.

A I R T E M P.	F°	90°	70°	50°	
	C°	32°	21°	10°	
	70°	380	430	480	lbs.
	21°	172	195	218	kg.
90°	370	420	470	lbs.	
32°	168	191	213	kg.	
100°	360	415	465	lbs.	
38°	163	188	211	kg.	

SPECIFICATIONS – SF1

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship. Wt. lbs./kgs.
SF1AE	Air	1/2	Enamel	312/141
SF1AS	Air	1/2	Stainless Steel	312/141
SF1WE	Water	1/2	Enamel	312/141
SF1WS	Water	1/2	Stainless Steel	312/141

*Sandalwood baked enamel finish or all heavy gauge stainless steel.

Basic Electricals	Running Amps.	Max. Oper. Amps	No. of Wires	Min.* Circuit Ampercity	Max. Fuse Size
Air-Cooled:	115/60/1	16.5	2	19.5	20
Water-Cooled:	115/60/1	16.0	2	19.0	20

** Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

*Capacity: Refer to Ice Making Capacity chart
Storage Bin: 220 lbs. (100 kg) A.R.I. Standard
Height: 40-1/2" (102.2 cm) w/o legs
Width: 38-1/2" (97.8 cm) Depth: 24-1/2" (62.2 cm)
Shipping Wt: 312 lbs. (141 kgs)

OPTIONAL LEG KITS

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot. N.S.F. approved.

KLP2E: Black enamel finish. Recommended for enamel cabinets.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

IMPORTANT OPERATION REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations or installations where air temperatures are below 50° F. or above 100° F. and the water temperature is below 40° F. or above 100° F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.

2 YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants to the original purchaser-user, that any commercial product of its manufacture bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This product warranty shall be effective for a period of two years from the date of original installation if such installation is reported on Scotsman's warranty registration form returned to the factory at the time of installation, or for a period of 27 months from date of shipment from the factory if the warranty registration form has not been returned (provided the foregoing warranty periods will be extended for an additional three years as to the motor compressor part). This warranty is applicable only in the United States and Canada.

Scotsman's obligation is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. The serial and model numbers and date of original installation of the product must be given. Charges for labor (except labor performed in the Scotsman factory to repair defective parts) are not covered. No part or assembly which has been subject to accident, alteration or misuse, or which is not installed or serviced in accordance with the user manual furnished with the product, or which is from a machine on which the serial number has been altered or removed, shall be covered by this warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance or installation shall be made by Scotsman's Service Department and shall be final and binding upon the parties.

Scotsman assumes no liability for incidental or consequential damages of any kind or for any damages resulting in whole or in part from misuse or inadequate maintenance of the product or any part thereof.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTEES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



SCOTSMAN

QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MINN. 56007

COMMERCIAL ICE SYSTEMS

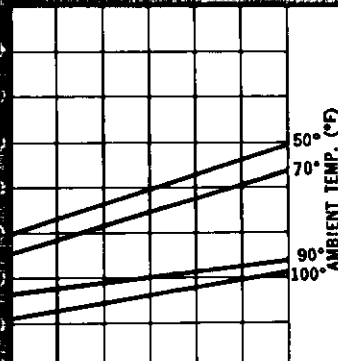
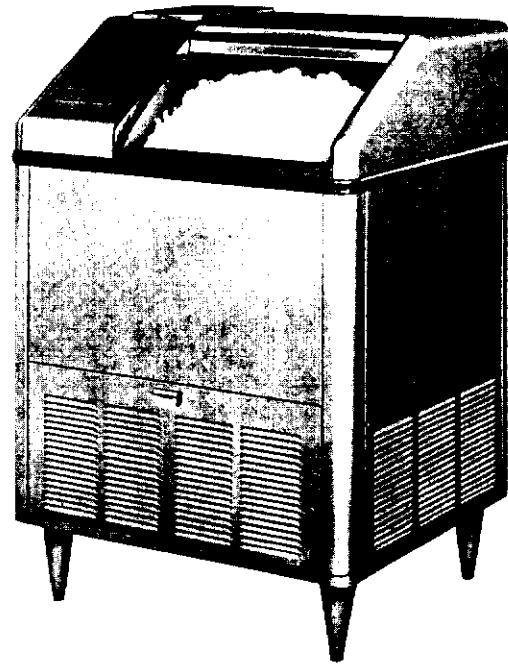
SCOTSMAN® ICE MACHINES

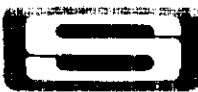
PRODUCT NAME:

SCOTSMAN® FLAKER MODEL SF75 SERIES

MANUFACTURER:

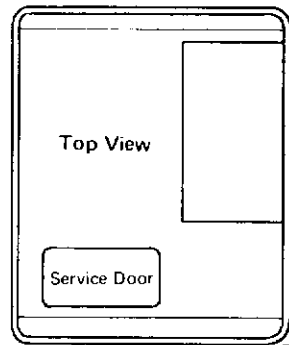
QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007





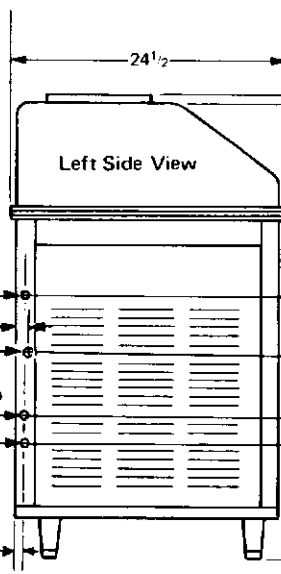
SCOTSMAN

SF75 SERIES



Capacity: Refer to production chart.
 Storage Bin: 100 lbs. Stainless Steel Lined
 Height: (with legs) 46-1/4" to 47"
 (without legs) 40-1/4"
 Width: 32-1/2"
 Depth: 24-1/2"

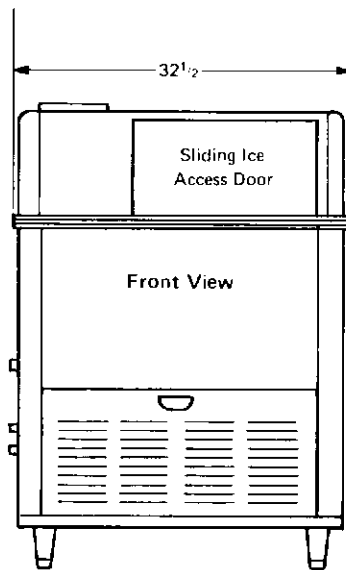
6" min. for utility connections



Electrical Inlet
 1 5/8"
 Water Inlet 1/4 Flare
 Reservoir and Drip Pan
 Drain 5/8 O.D.
 3/8 OD copper
 Bin Drain

1 1/4"

24 1/2"
 40 1/4"
 26 3/4"
 24 3/4"
 2"
 7 5/8"
 6 to 6 3/4"



Front View

Sliding Ice
 Access Door

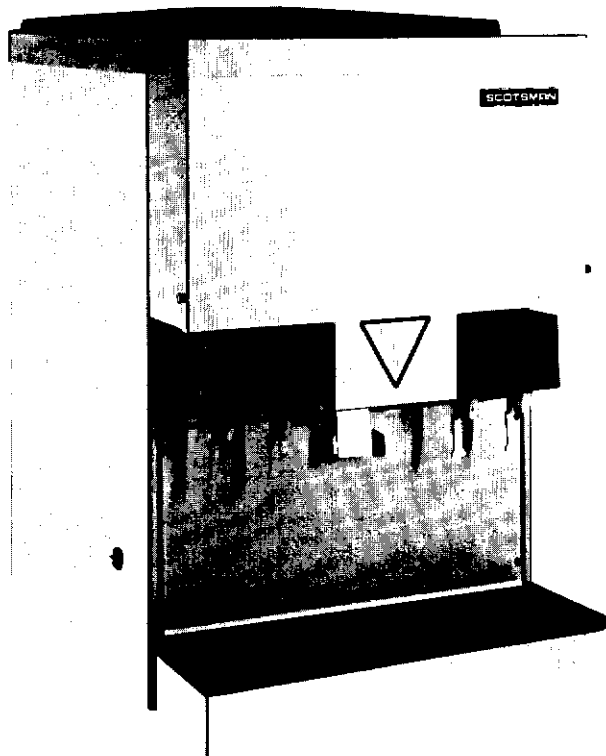
32 1/2"

SPECIFICATIONS:

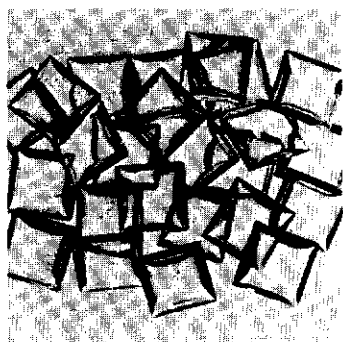
Model	Condensing Unit	Compressor Horsepower	Finish (P-painted) (SS-Stainless Steel)	Shipping Weight (lbs.)
SF75WSJ	Air	1/4	P	268
SF75WSJSS	Air	1/4	SS	268

Basic Electricals	Minimum Wire Sizes (w-wire) (g-gauge)	Total Amperages
Air Cooled: 115/60/1	2w 12g	9.9

Specifications subject to change without notice.



This sanitary ice/drink dispenser is perfect for convenience stores, cafeterias, bartender stations, hospitals, and other food service operations. Dispenses the popular Scotsman contour cubes and nugget ice.



PATENTED CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



NEW HARD "ICE NUGGETS"

"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets flow freely, dispense easily and give very high liquid displacement in beverages.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

SD60-CP

Self-Serve Ice/Drink Dispenser

with Cold Plate and 4 Drink Valves

- 60 pound capacity dispenser.
- Narrow profile dispensers take up minimum counter space so you can add other fast food items.
- Large dispensing area easily handles 44 ounce cups (11" clearance).
- Sealed-in 8-circuit aluminum cold plate in the ice bin provides cooling for carbonated soft drinks.
- Stainless steel construction including cabinet, splash panel and chute with urethane insulated storage bin.
- Patented dispensing design assures uniform ice flow.
- 115 Volts. Comes with 3 prong plug.
- Cornelius valves are standard.

WARRANTY — SATISFACTION

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.

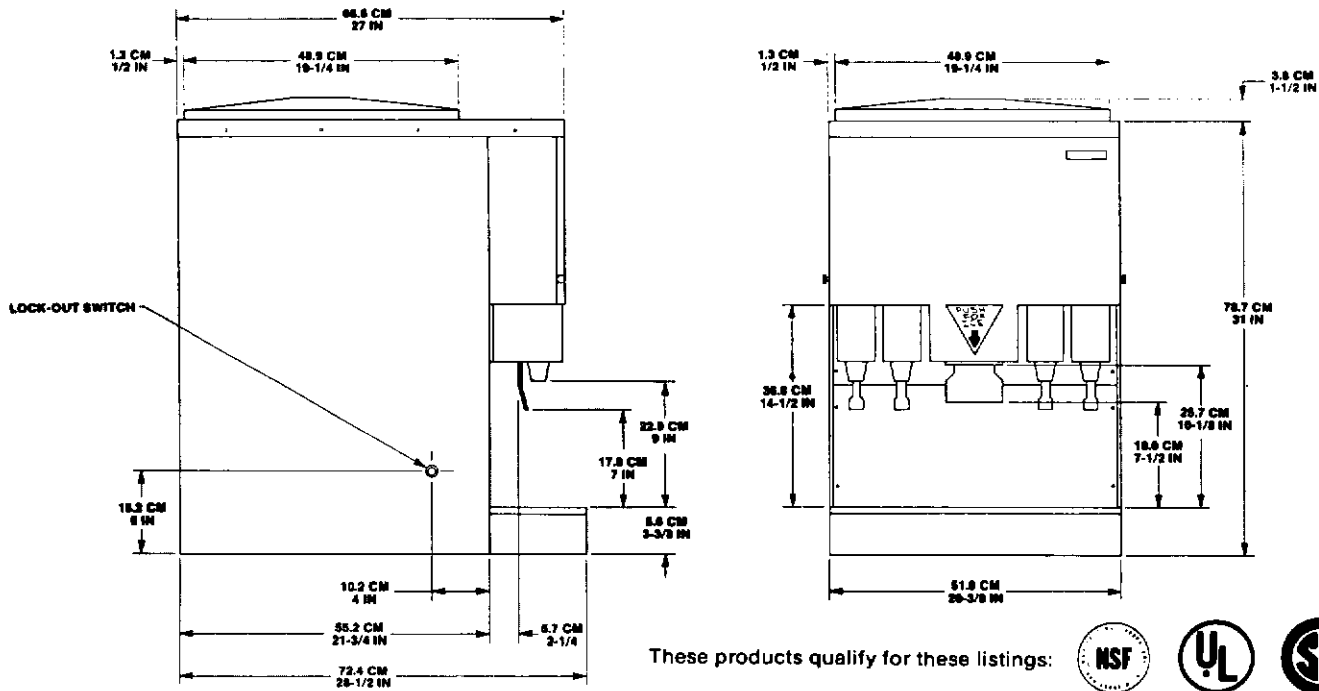
**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES**

PROFIT BY THE DRINK

ITEM	Margin %
Cooler Soft Drinks	31.6%
Fountain Soft Drinks	57.1%

Fountain Drinks offer excellent profit potential.
NACS study

SD60-CP SELF-SERVICE/DRINK DISPENSER WITH COLD PLATE



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
SD60-CP SELF-SERVE ICE/DRINK DISPENSER												
SD60-1B-CP	32½ x 20½ x 28½	60	—	—	—	SS	115/60/1	—	2	4.0	15	170/77

4" legs and 6' cord included.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

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INTERNATIONAL COMPANY

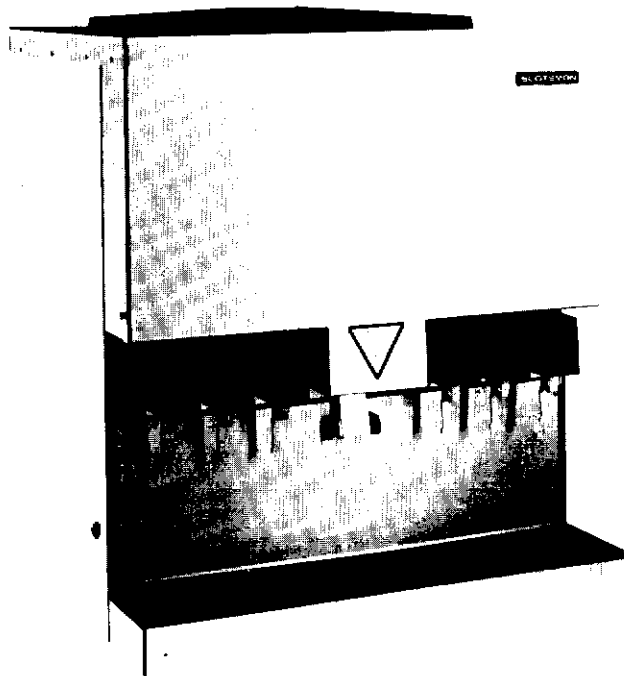
TELEX EASYLINK 62922027

S-179-88

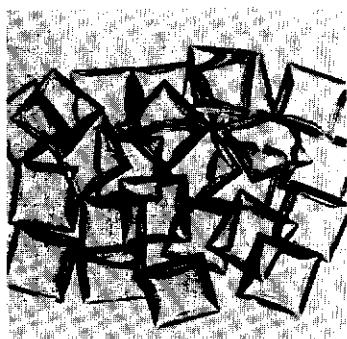
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SCOTSMAN

COMMERCIAL ICE SYSTEMS

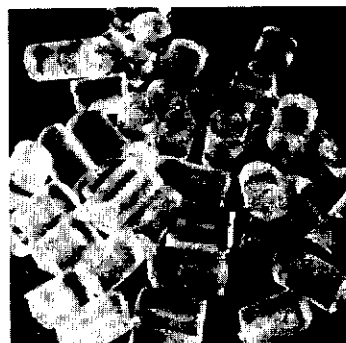


This sanitary ice/drink dispenser is perfect for convenience stores, cafeterias, bartender stations, hospitals, and other food service operations. Dispenses the popular Scotsman contour cubes and nugget ice.



PATENTED CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



NEW HARD "ICE NUGGETS"

"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets flow freely, dispense easily and give very high liquid displacement in beverages.

SD100-CP

Self-Serve Ice/Drink Dispenser

with Cold Plate and 6 Drink Valves

- 100 pound capacity dispenser.
- Narrow profile dispensers take up minimum counter space so you can add other fast food items.
- Large dispensing area easily handles 44 ounce cups (11½" clearance).
- Sealed-in 8-circuit aluminum cold plate in the ice bin provides cooling for carbonated soft drinks.
- Stainless steel construction including cabinet, splash panel and chute with urethane insulated storage bin.
- Patented dispensing design assures uniform ice flow.
- 115 Volts.
- Adaptor available for mounting Scotsman ice machines.
- Cornelius valves are standard.

WARRANTY — SATISFACTION

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.

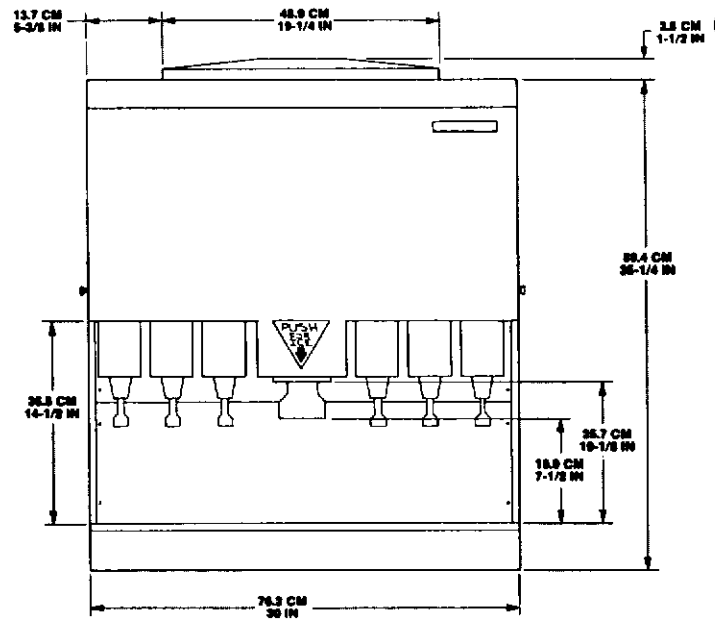
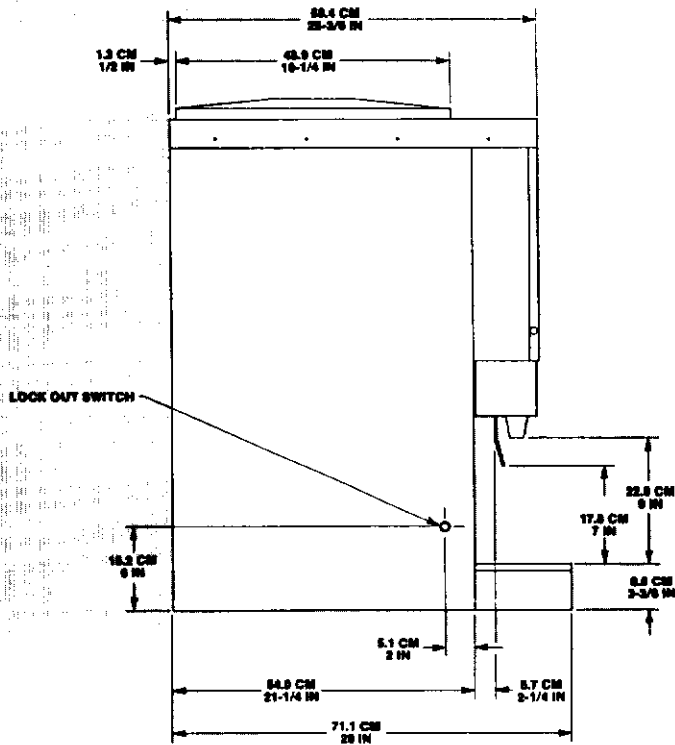
SCOTSMAN — WORLD'S LARGEST MANUFACTURER OF COMMERCIAL ICE MACHINES

PROFIT BY THE DRINK

ITEM	Margin %
Cooler Soft Drinks	31.6%
Fountain Soft Drinks	57.1%

Fountain Drinks offer excellent profit potential.
NACS study

SD100-CP SELF-SERVE ICE/DRINK DISPENSER WITH COLD PLATE



These products qualify for these listings:



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
SD100-CP SELF-SERVE ICE/DRINK DISPENSER												
SD100S-1B-CP	36 1/4 x 30 3/4 x 28 1/4	100	—	—	—	SS	115/60/1	—	2	4.0	15	214/97

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

ADAPTORS FOR MOUNTING ICE MACHINES:

Use **KBTSD100-CP** when mounting CM250, CM450, CM500, or CM650 models.

Use **KBTSD100-CP** and **KBT10** when mounting MH750.

SCOTSMAN®

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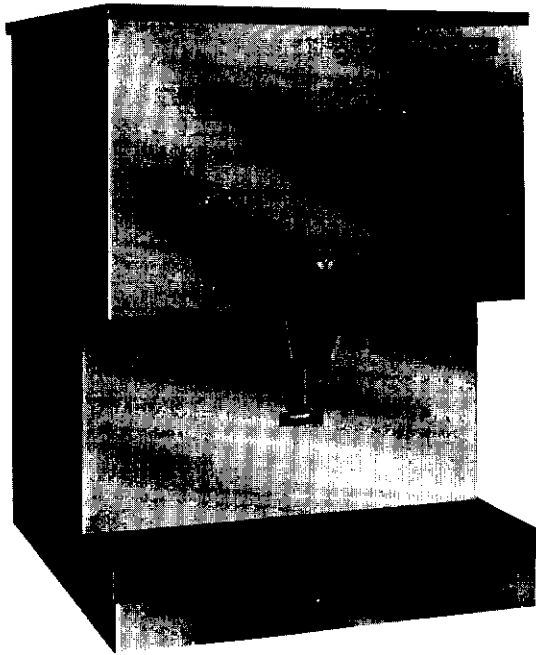
INTERNATIONAL COMPANY

TELEX EASYLINK 62922027

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SCOTSMAN
COMMERCIAL ICE SYSTEMS

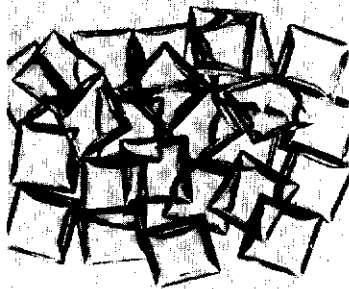


Sanitary ice dispenser perfect for convenience stores, cafeterias, bartender stations, hospitals, and other food service operations. Dispenses the popular Scotsman contour cubes and nugget ice.

SD110

Self-Serve Ice Dispenser

- 110 pound capacity dispenser.
- Narrow profile dispensers take up minimum counter space so you can add other fast food items.
- Large dispensing area easily handles 44 ounce cups.
- Stainless steel construction including cabinet, splash panel and chute with urethane insulated storage bin.
- Patented dispensing design assures uniform ice flow.
- 115 Volts. Comes with 3 prong plug.
- Drink valves (optional).



PATENTED CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated...no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



NEW HARD "ICE NUGGETS"

"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets flow freely, dispense easily and give very high liquid displacement in beverages. Ideal for salad bars and iced displays.

STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 months on All Parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.

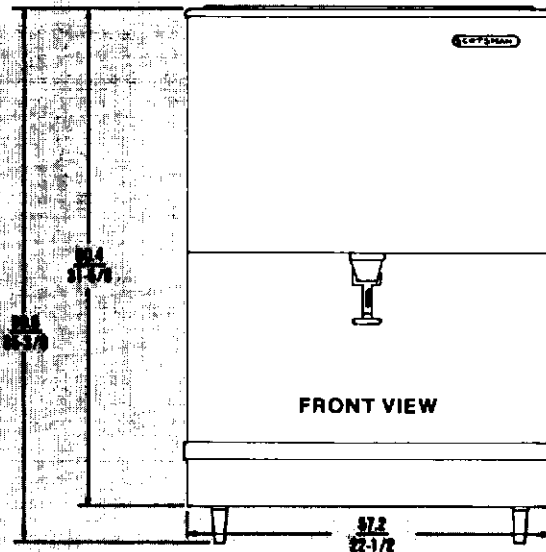
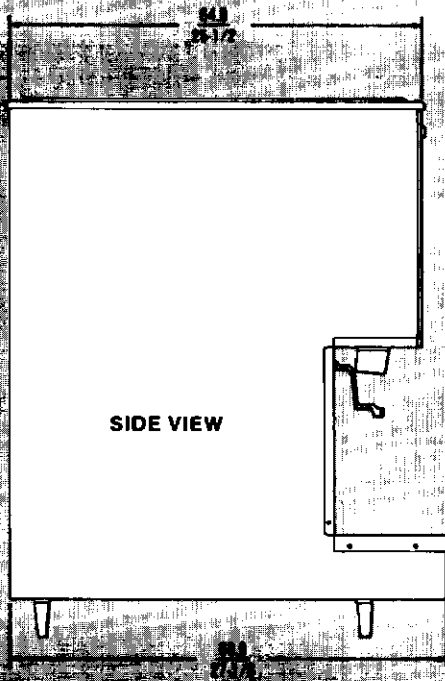
**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES**

PROFIT BY THE DRINK

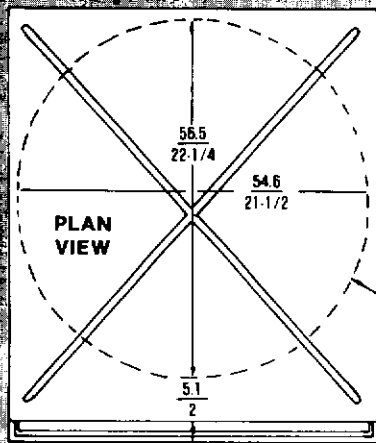
<u>ITEM</u>	<u>Margin %</u>
Cooler Soft Drinks	31.6%
Fountain Soft Drinks	57.1%

Fountain Drinks offer excellent profit potential

SD110 SELF-SERVE ICE DISPENSER



CENTIMETERS
INCHES

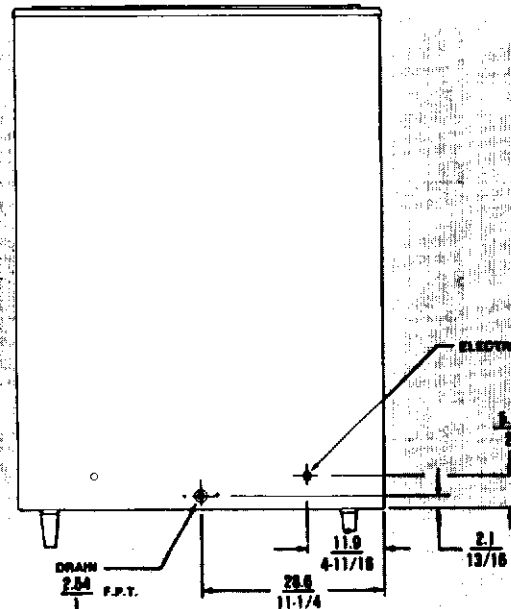


FRONT

These products qualify
for these listings:



DISPENSER HOPPER



BACK VIEW

SPECIFICATIONS

Model	Height (w/ Ice Tray)	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Control Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
SD110S-1A	31 1/2 x 22 1/2 x 27 1/2	110	—	—	—	SS	115/60/1	—	2	3.0	15	100/45
SD110S-1A-W	31 1/2 x 22 1/2 x 27 1/2	110	—	—	—	SS	115/60/1	—	2	3.0	15	105/47

■ With Water Valve.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN®

A HOUSEHOLD

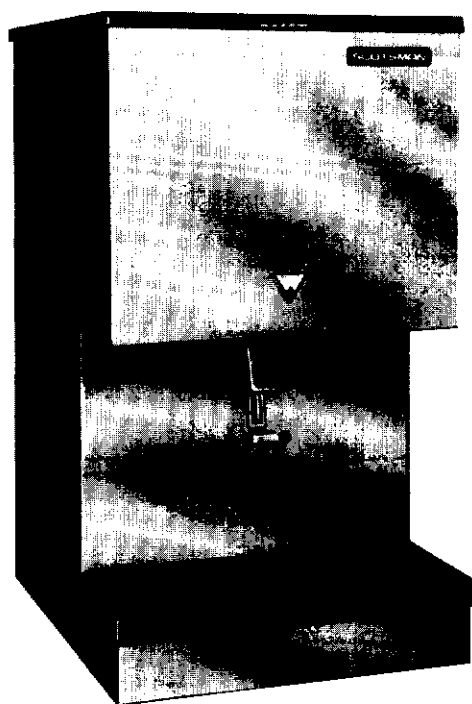
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INTERNATIONAL COMPANY

TELEX EASYLINK 62922027

Printed in U.S.A.

SCOTSMAN
COMMERCIAL ICE SYSTEMS



Sanitary ice dispenser perfect for convenience stores, cafeterias, bartender stations, hospitals, and other food service operations. Dispenses the popular Scotsman contour cubes and nugget ice.

SD55

Self-Serve Ice Dispenser

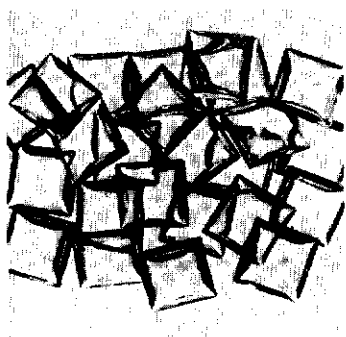
- 55 pound capacity dispenser.
- Narrow profile dispensers take up minimum counter space so you can add other fast food items.
- Large dispensing area easily handles 44 ounce cups.
- Stainless steel construction including cabinet, splash panel and chute with urethane insulated storage bin.
- Patented dispensing design assures uniform ice flow.
- 115 Volts. Comes with 3 prong plug.
- Drink valves (optional).

STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 months on All Parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES**



PATENTED CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated...no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



NEW HARD "ICE NUGGETS"

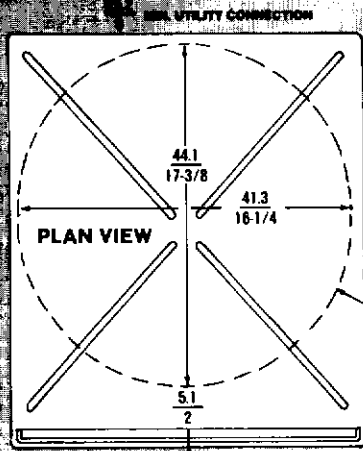
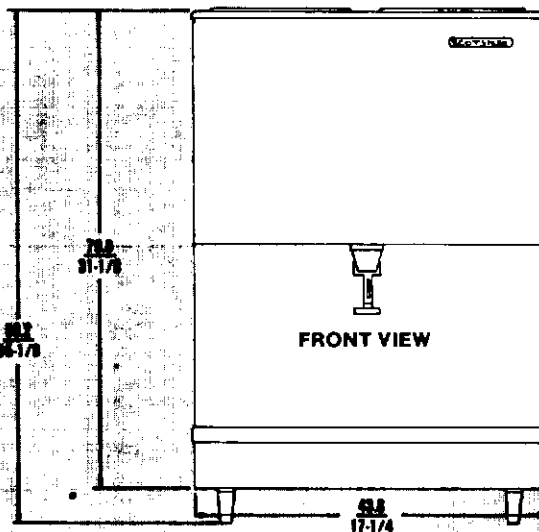
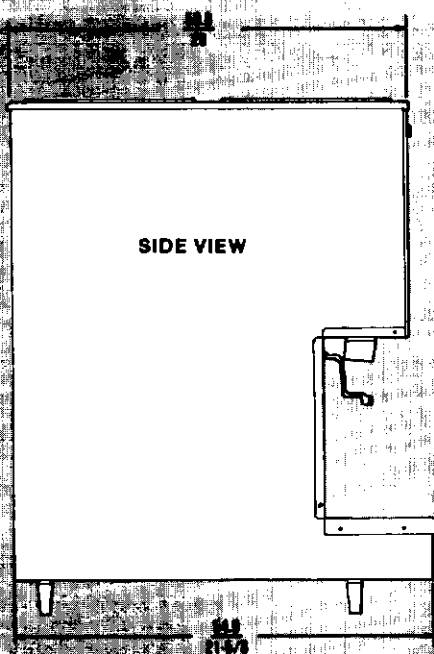
"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets flow freely, dispense easily and give very high liquid displacement in beverages. Ideal for salad bars and iced displays.

PROFIT BY THE DRINK

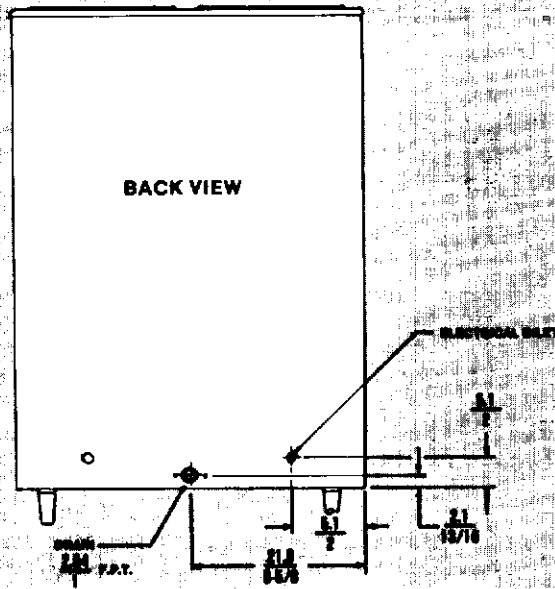
<u>ITEM</u>	<u>Margin %</u>
Cooler Soft Drinks	31.6%
Fountain Soft Drinks	57.1%

Fountain Drinks offer excellent profit potential

SD55 Self-Serve Ice Dispenser



CENTIMETERS
INCHES



FRONT

These products qualify for these listings:



SPECIFICATIONS

Model	Dimensions (w/o Legs)	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Cord. Use	Finish	Base Elect. Code	Compl. H.P.	No. of Wires	Max. Circuit Amp. (A.C.)	Max. Press. (Psi)	Net Wt. (Lb./Oz.)
SD55S-1A	31 1/4 x 17 1/4 x 21 3/8	55	—	—	—	SS	115/60/1	—	2	3.0	15	80/36
SD55S-1A-W	31 1/4 x 17 1/4 x 21 3/8	55	—	—	—	SS	115/60/1	—	2	3.0	15	85/38

■ With Water Valve.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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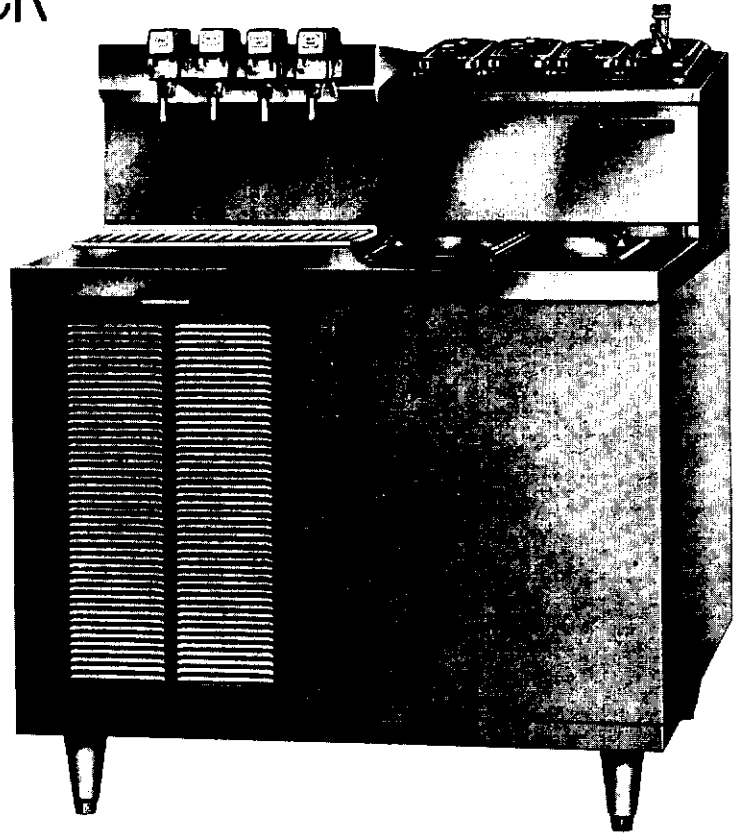
SCOTSMAN ICE MACHINES

PRODUCT NAME:

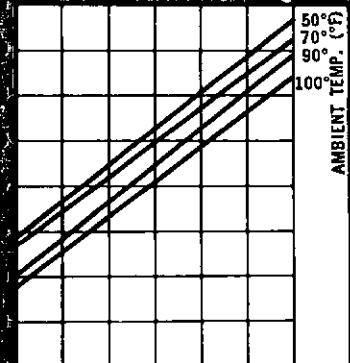
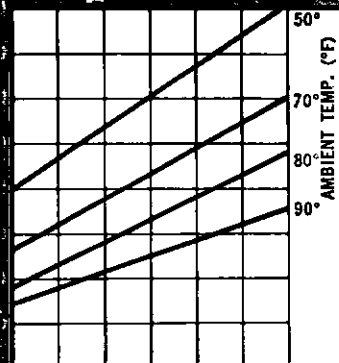
SCOTSMAN DRINK DISPENSER MODEL SD2 SERIES

MANUFACTURER:

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007



- Complete post-mix drink carbonation system — consists of carbonator, water pump, and pump motor with controls, plus cold plate and all internal connecting lines.



SCOTSMAN

SD2 SERIES

K41E



Electric valve unit: dispenses four flavors plus carbonated and plain water. Prefabricated hose assembly speeds internal connections. Easily installed by removing top panel at left of machine, and setting unit over the opening.

K42S

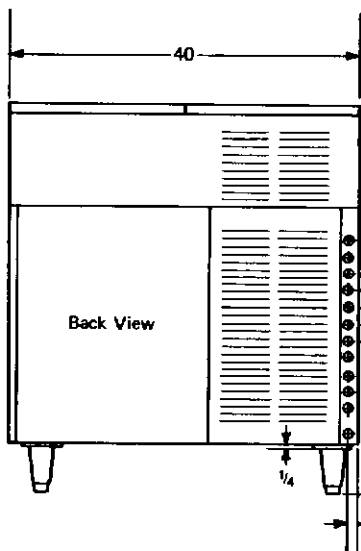
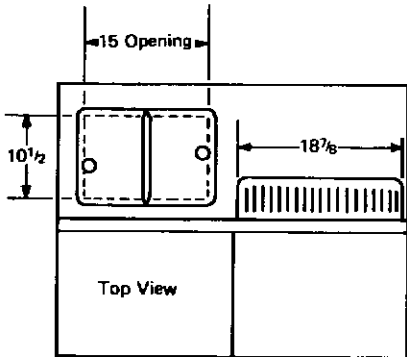


"Dole" postmix head base: provides mounting surface and prefabricated hose assembly for easy installation of this popular remote postmix dispensing head. Replaces top panel at left of machine. Head not included.

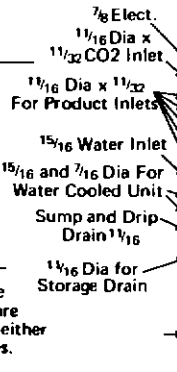
K43R



Syrup rail kit: hold four jars, replaces top panel at right of machine. Chilled air from ice bin provides refrigeration. Jars not included — openings accept 4-1/16 x 6-3/4" jars with depths of 6-9/16" or 9-1/16". Maximum of two 9-1/16" jars may be used.



Capacity: Refer to production chart
 Storage Bin: 200 lbs. Stainless Steel Lined
 Height: (with legs) 45-1/2" to 46-1/4"
 (without legs) 39-1/2"
 Width: 40"
 Depth: 31"



SPECIFICATIONS:

Model	Condensing Unit	Compressor Horsepower	Finish (P-painted) (SS-Stainless Steel)	Shipping Weight (lbs.)	Back Electricals	Minimum Wire Sizes (w-wire) (g-gauge)	Total Amperages
SD21	AW	1/2	P	540	Air Cooled 115/60/1	2w 10g	20
SD22	AW	1/2	SS	540			
SD23	AW	1/2	P	540	Water Cooled 115/60/1	2w 10g	19
SD24	AW	1/2	SS	540			

Specifications subject to change without notice.

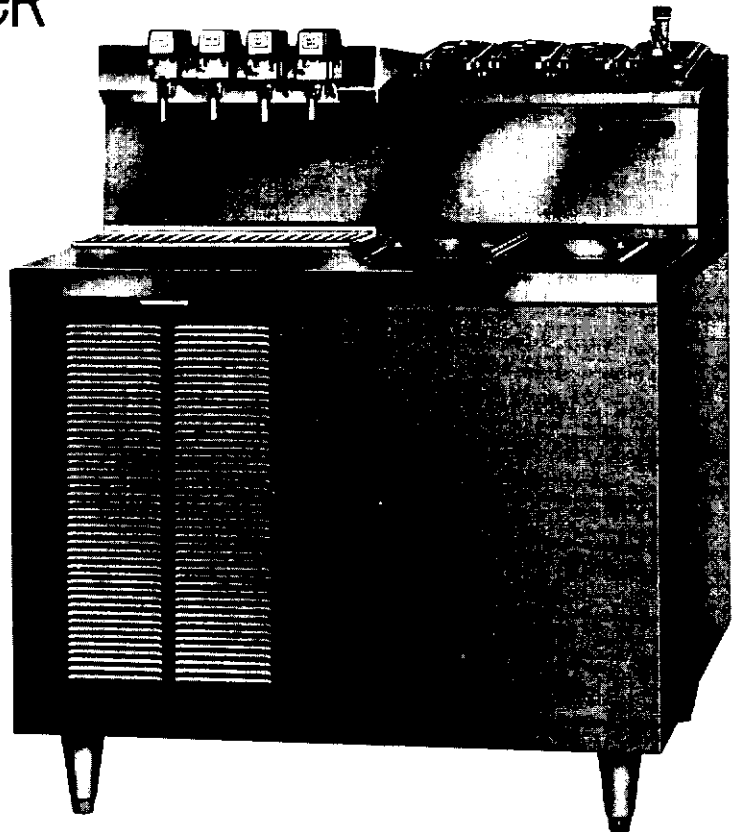
SCOTSMAN ICE MACHINES

PRODUCT NAME:

SCOTSMAN DRINK DISPENSER MODEL SD1 SERIES

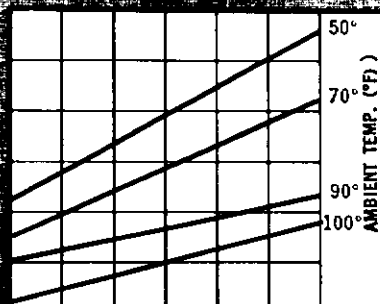
MANUFACTURER:

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007

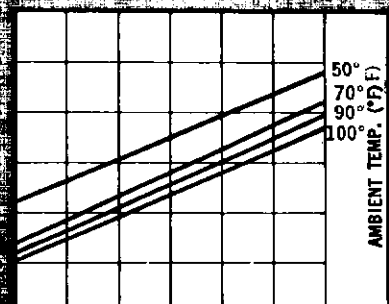


- Complete post-mix drink carbonation system — consists of carbonator, water pump, and pump motor with controls, plus cold plate and all internal connecting lines.

AIR COOLED MODELS



WATER COOLED MODELS



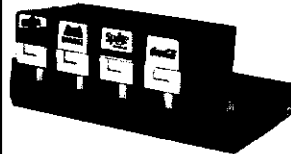
SD1 SERIES

K41E



Electric valve unit: dispenses four flavors plus carbonated and plain water. Prefabricated hose assembly speeds internal connections. Easily installed by removing top panel at left of machine, and setting unit over the opening.

K42S

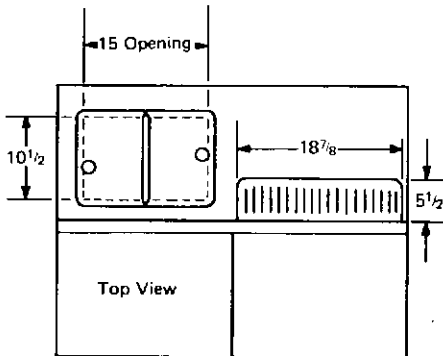


"Dole" postmix head base: provides mounting surface and prefabricated hose assembly for easy installation of this popular remote postmix dispensing head. Replaces top panel at left of machine. Head not included.

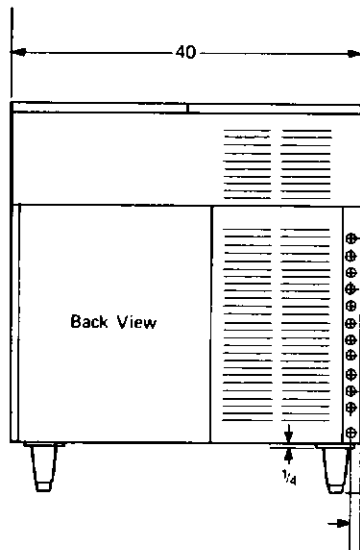
K43R



Syrup rail kit: hold four jars, replaces top panel at right of machine. Chilled air from ice bin provides refrigeration. Jars not included → openings accept 4-1/16 x 6-3/4" jars with depths of 6-9/16" or 9-1/16". Maximum of two 9-1/16" jars may be used.

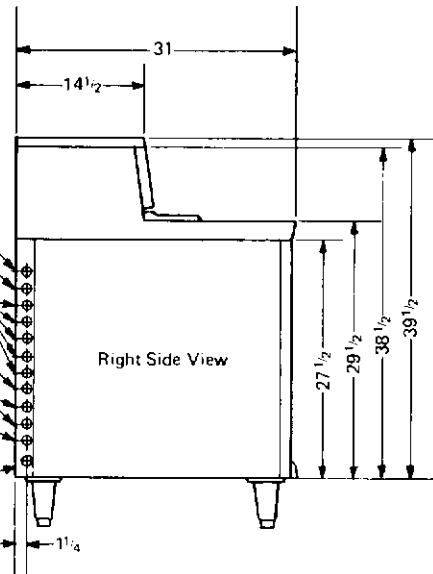


Top View



Back View

Capacity: Refer to production chart
Storage Bin: 200 lbs. Stainless Steel Lined
Height: (with legs) 45-1/2" to 46-1/4"
Width: 40"
Depth: 31"



Right Side View

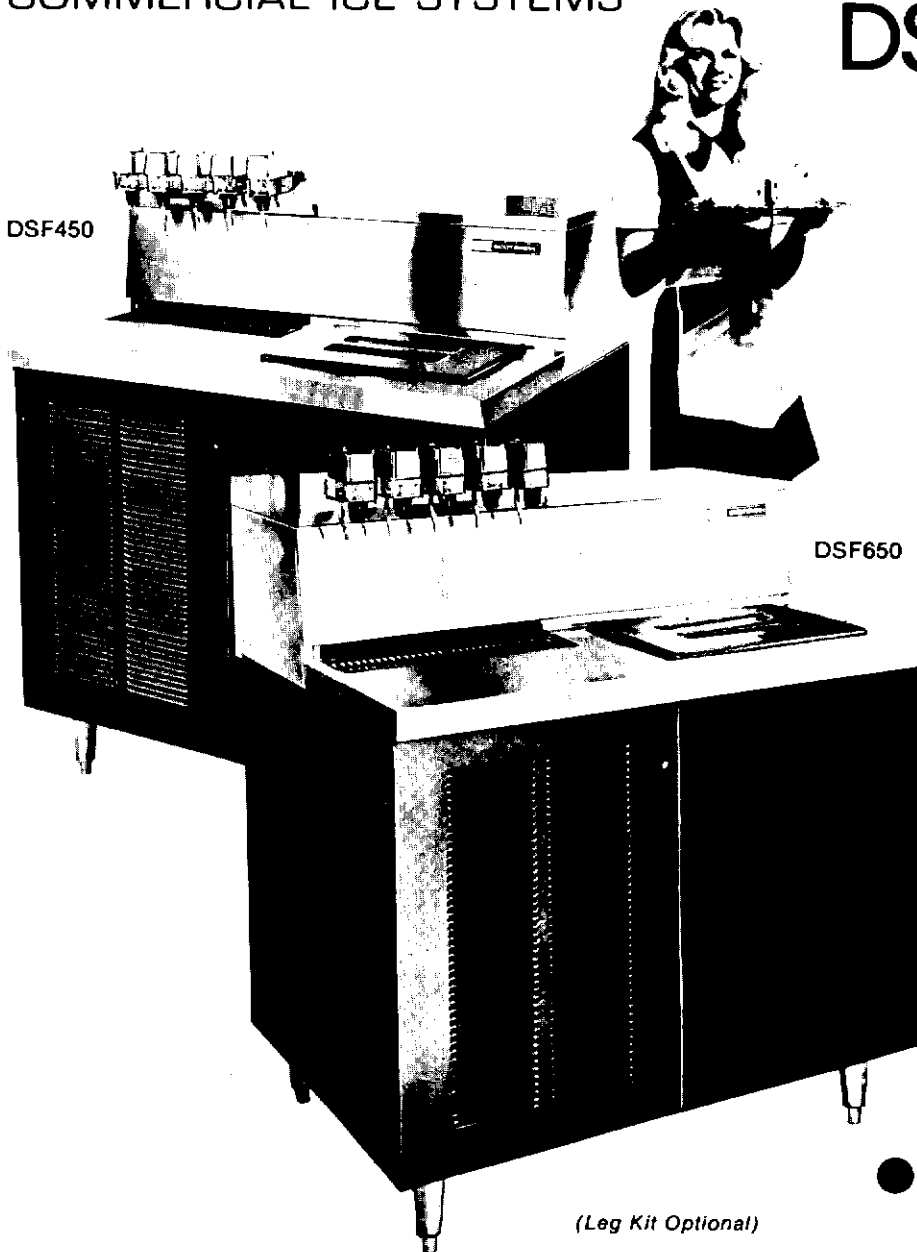
7/8 Elect.
1 1/16 Dia x 1 1/32 CO2 Inlet
1 1/16 Dia x 1 1/32 For Product Inlets
1 5/16 Water Inlet
1 5/16 and 1/16 Dia For Water Cooled Unit
Sump and Drip Drain 1 1/16
1 1/16 Dia for Storage Drain

Internal lines provide 1/4" S.A.E. Male Flare Connection through either the side or back holes.

SPECIFICATIONS

Model	Capacity (lbs)	Height (in)	Width (in)	Depth (in)
SD1-4	200	45-1/2 to 46-1/4	40	31
SD1-8	400	45-1/2 to 46-1/4	40	31
SD1-12	600	45-1/2 to 46-1/4	40	31
SD1-16	800	45-1/2 to 46-1/4	40	31
SD1-20	1000	45-1/2 to 46-1/4	40	31
SD1-24	1200	45-1/2 to 46-1/4	40	31
SD1-28	1400	45-1/2 to 46-1/4	40	31
SD1-32	1600	45-1/2 to 46-1/4	40	31
SD1-36	1800	45-1/2 to 46-1/4	40	31
SD1-40	2000	45-1/2 to 46-1/4	40	31

SCOTSMAN
COMMERCIAL ICE SYSTEMS



DSF450⁵⁰⁷ pound &
DSF650⁷²⁹ pound
post-mix
carbonated
drink systems

- Self-Contained**
- Ice Maker
 - Storage Bin
 - Carbonator
 - Drink Dispenser

(Leg Kit Optional)

Scotsman offers two complete post-mix drink carbonation systems. Each model is equipped with flake ice maker, six service lines and carbonator. Both energy saving models produce Scotsman quality flake ice, stored in a 215 pound stainless steel bin. The DSF650 produces up to 729 pounds* and the DSF450 up to 507 pounds* of flake ice in 24 hours.

Five drink heads are electric valves with adjustable brix, consisting of: four carbonated flavors, one non-carbonated flavor, one carbonated water and one non-carbonated water.

A sealed sanitary cold plate is cast from 99.9% pure solid aluminum with an intricate network of stainless steel tubes embedded inside. The seven-circuit cold plate cools five syrups, one carbonated water and one plain water. This unique cold plate is one of the most efficient coolers on the market. Six quick-disconnect lines, each seven feet in length, require a simple hook-up to syrup and gas

**See Ice Making Capacity on back page.*

containers. The factory installed service lines exit through an opening in the back panel or can be directed through an exit hole in the base.

Both models are finished in rich charcoal brown enamel with stainless steel top and console. A light weight removable bin lid lifts off to reveal a wide opening for convenient ice access.

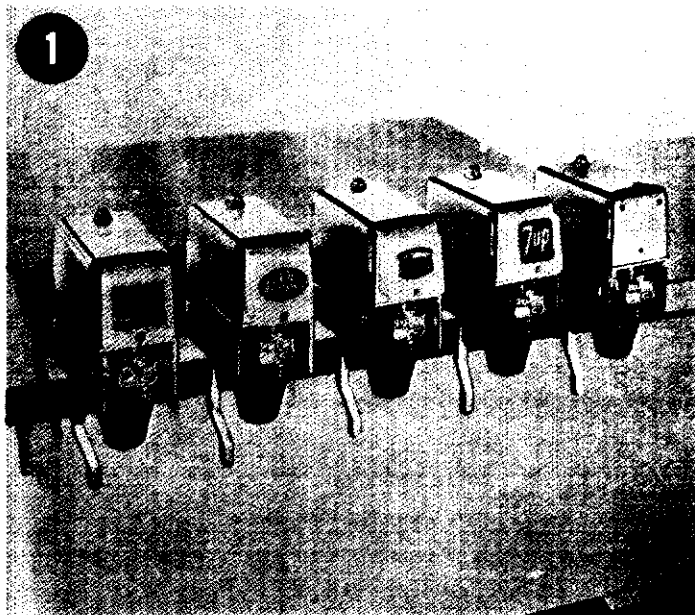
The built-in carbonation system consists carbonator, water pump, pump motor, cold plate and all internal connecting lines. Removable front panel offers quick, easy access to mechanical working parts when cleaning or service is necessary.

The cabinet is made of embossed leathergrain steel with a high gloss, baked-on acrylic enamel finish. The rich charcoal brown has the look and feel of leather and wipes clean with a damp cloth.

The Scotsman DSF650 and DSF450 become high-profit centers wherever soft drinks are served.

The complete flaker/post-mix drink carbonation system

Everything . . . complete in one unit: five drink heads, factory installed service lines, Scotsman's exclusive ice maker and built-in carbonation system with unique cold plate. Ready for quick installation and high profit business.



FIVE DRINK HEADS

Five electric valves offer seven options. Four carbonated soft drinks and one non-carbonated can be dispensed, giving the customer more than just one or two flavors to choose from. Two of the heads are equipped to dispense carbonated and non-carbonated water. The entire drink head unit is installed at the factory, requiring no additional installation time. Each drink head features single action dispensing. Container fills when dispensing lever is depressed and stops when released . . . it's a fast one-hand operation. Easy to read flavor identifications, furnished by the syrup suppliers, can be changed by simply removing one screw.

Fast convenient service, wide choice of flavors, ice produced and stored in the unit, make the DSF650 and DSF450 time and labor-saving activity centers.



SERVICE LINES

The six service lines are seven feet in length and all internal connections have been installed at the factory. An opening at the center of back panel provides exit for service lines. An opening in the base also allows optional exit of service lines out the bottom. Hook-up of syrup tanks and gas is accomplished by simple-to-install connections.



EXCLUSIVE COLD PLATE

A unique feature of Scotsman's exclusive 25½" x 19¾" cold plate is the length of stainless steel tubing embedded inside the 1½" thick pure aluminum casting. Tubes are laced, back and forth, across the plate's entire width, forming a double row, one above the other. This design provides maximum cool-down of syrup and water to the drink heads, resulting in proper carbonation. The six service lines and one plain water connection are located at the back edge of cold plate. All seven connections are factory installed, ready for hook-up. 99.9% pure aluminum insures the most efficient cooling possible from the flake ice stored in the bin.



STAINLESS STEEL STORAGE BIN

Volume storage — up to 215 pounds* of flake ice — is built into the DSF650 and DSF450 . . . enough ice to satisfy the most demanding peak period requirements. Constructed of heavy gauge stainless steel, the bin is sanitary and easy to clean. The solid aluminum cold plate provides a sealed bin bottom. Flake ice, produced and stored in the bin, provides efficient cooling for syrup and water. A bin drain is located at the center of the cold plate.

*A. R. I. Capacity Rating

FLAKER MECHANISM

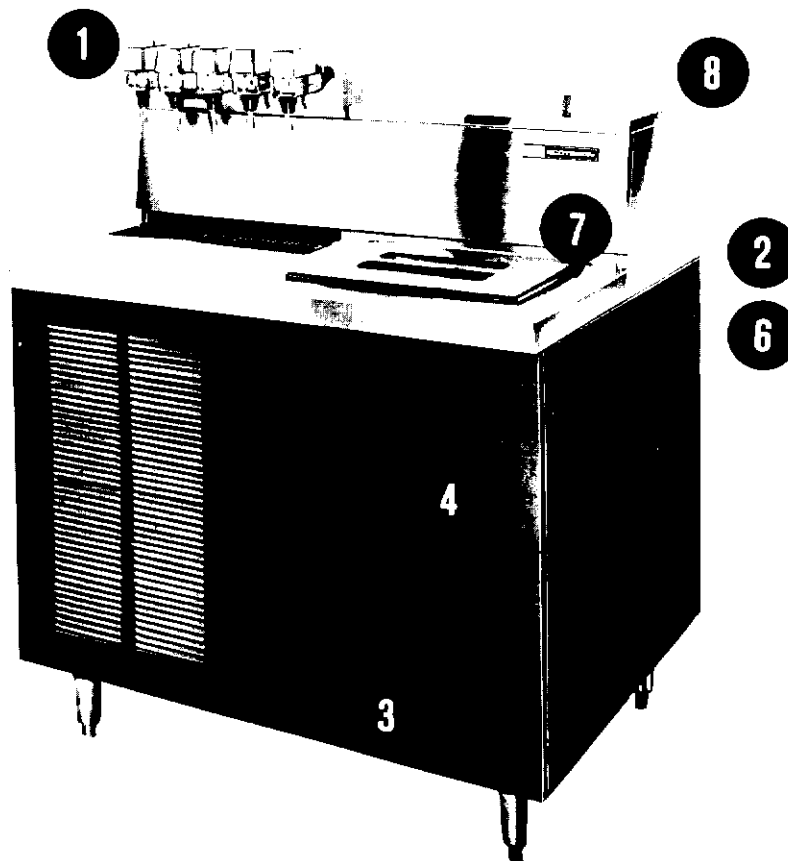
The formation of uniform hard ice on the inner wall of the freezing chamber results from a unique method of refrigerant circulation through the evaporator. As ice forms on the chamber walls, a stainless steel auger breaks it away, carrying the hard bits to a discharge chute. A special breaker, designed by Scotsman engineers, presses out excess water, depositing slow melting flake ice in the bin. The Scotsman mechanism has only one refrigerated moving part which runs on self-aligning, heavy duty ball bearings. This simple concept insures many years of dependable, trouble free service.

CARBONATION SYSTEM

A complete carbonation system is built into the DSF650 and DSF450. The system components consist of: carbonator, water pump, pump motor, all internal connecting lines and Scotsman's exclusive cold plate. Syrup, water and gas are mixed to desired proportions for serving soft drinks of consistent quality.

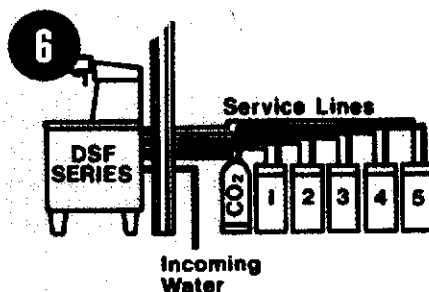
DRINK COOLING CAPACITY

At 75° F water, 75° F syrup, 75° F room temperature and a dispensing rate of up to 6-six ounce drinks per minute, the unit will cool an indefinite number of carbonated drinks at 39° F or below, as long as ice is kept in contact with the full cold plate surface.



FRONT SERVICE ACCESS

The front panel is easily removed for convenient access to mechanical working parts. When adjustment or cleaning is necessary the DSF650 and DSF450 can be serviced quickly from the front. Labor costs are low and machine downtime is held to a minimum. A periodic check of the system can uncover potential trouble before it becomes a major repair job. Front service offers the opportunity for protective maintenance, insuring long life from the unit.



FLEXIBLE SERVICE LINES

The seven foot service lines are made of a tough flexible material. Permits installation of syrup containers and CO² tank virtually anywhere. Generous service line length allows installation of tanks located in an adjoining storage area or cabinets built next to the unit. Service line connections are designed for fast, simple change-over when replacing tanks. All lines are sanitary, easy to clean and are approved by the National Sanitation Foundation.



REMOVABLE BIN LID

The 10" x 15" bin lid is constructed of light weight, scuff-resistant material and is completely removable. A flush-style handle is molded as an integral part of the lid top . . . no protrusions to cause accidental spilling. Insulation provides a tight seal against warm outside air. Color matches the rich charcoal brown of the cabinet.

OPTIONAL K43R SYRUP RAIL BASE

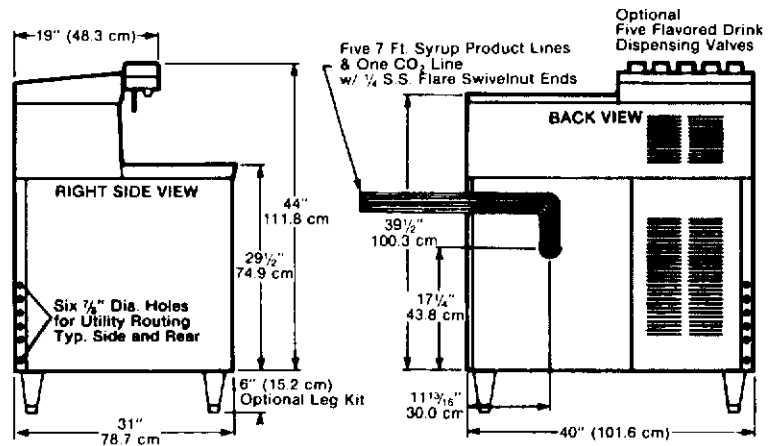
Syrup rail replaces right-hand panel on top of machine. Holds four fruit or syrup jars. Jars are not included. Openings accept 4¹/₁₆" x 6³/₄" jars, two with 9¹/₁₆" depth and two with 6⁹/₁₆" depth. Two jars on left must be 6⁹/₁₆" or less depth.



DSF450 & DSF650

post-mix carbonated drink systems

PLUMBING CONNECTIONS
 Potable Water Inlet - 3/4" O.D. Male Flare
 Condenser Water Inlet - 3/8" O.D. Male Flare
 Condenser Water Out - 3/8" O.D. Male Flare
 Bin Drain - 3/8" O.D. Copper Tube



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cond. Unit	Comp. H.P.	Basic Elec.	Run. Amps	Max. Oper. Amps.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Finish **	Shpg. Wt. Lbs./Kg.
DSF450AE-1A	39 1/2 x 40 x 31	215 lbs.	438 lbs.	Air	1/2	115/60/1	16.1	16.1	2	18.25	25	E	498/226
DSF450WE-1A	39 1/2 x 40 x 31	215 lbs.	507 lbs.	Water	1/2	115/60/1	14.3	14.3	2	17.6	20	E	498/226
DSF650AE-1A	39 1/2 x 40 x 31	215 lbs.	675 lbs.	Air	3/4	115/60/1	21.4	21.4	2	24.4	30	E	538/244
DSF650WE-1A	39 1/2 x 40 x 31	215 lbs.	729 lbs.	Water	3/4	115/60/1	20.6	20.6	2	23.8	30	E	538/244

**Charcoal brown cabinet with stainless steel top and console.
 Order SPKDSF50 panel kit for stainless steel sides and front panels and grey-molded ABS lift-off bin lid.
 †Use this value to determine minimum wire size required to meet National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production — lbs./kgs. of ice per 24 hours

DSF450A AIR-COOLED

WATER TEMPERATURE		90°	70°	50°	
F°	C°	32°	21°	10°	
70°	21°	364	401	438	lbs.
21°	7°	164	180	198	kg.
90°	32°	312	349	380	lbs.
32°	0°	141	158	172	kg.
100°	38°	275	296	322	lbs.
38°	3°	124	133	145	kg.

DSF450W WATER-COOLED

WATER TEMPERATURE		90°	70°	50°	
F°	C°	32°	21°	10°	
70°	21°	401	454	507	lbs.
21°	7°	181	204	228	kg.
90°	32°	396	449	496	lbs.
32°	0°	178	202	224	kg.
100°	38°	380	438	491	lbs.
38°	3°	171	197	221	kg.

DSF650A AIR-COOLED

WATER TEMPERATURE		90°	70°	50°	
F°	C°	32°	21°	10°	
70°	21°	571	634	676	lbs.
21°	7°	257	285	304	kg.
90°	32°	491	528	560	lbs.
32°	0°	221	238	252	kg.
100°	38°	475	507	533	lbs.
38°	3°	214	228	240	kg.

DSF650W WATER-COOLED

WATER TEMPERATURE		90°	70°	50°	
F°	C°	32°	21°	10°	
70°	21°	580	655	729	lbs.
21°	7°	263	295	326	kg.
90°	32°	549	629	708	lbs.
32°	0°	247	283	319	kg.
100°	38°	528	613	681	lbs.
38°	3°	238	276	306	kg.

PRODUCT WARRANTY

See Scotsman Manufacturer's Limited Warranty statement or contact your Scotsman dealer for details.

This product qualifies for these listings



STORAGE BIN:

215 lbs. (98 kg) Stainless steel

OPTIONAL LEG KITS:

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling feet.
KLP2E: Black enamel finish.
KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

IMPORTANT OPERATING REQUIREMENTS

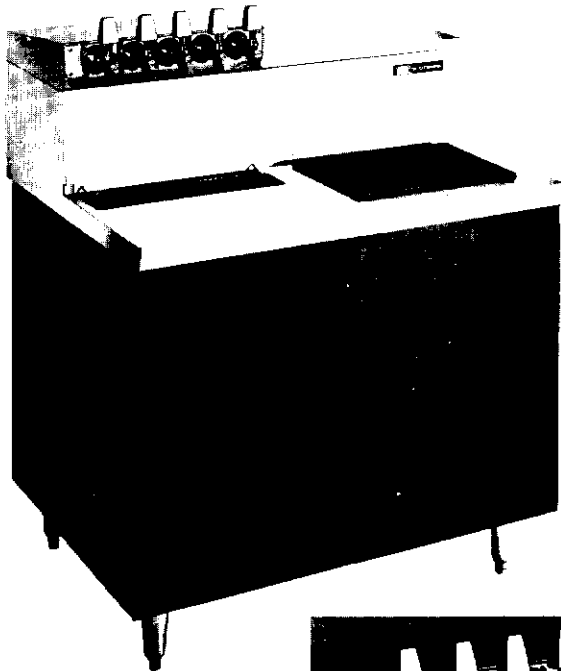
Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations where air temperatures are below 50°F or above 100°F and the water temperature is below 40°F or above 100°F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

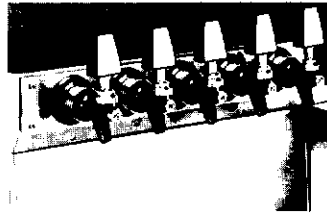
Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MN 56007



Five drink heads offer a wide choice of flavors. Each head features an individual flow adjustment control.



(Leg Kit Optional)

PMF450 & PMF650

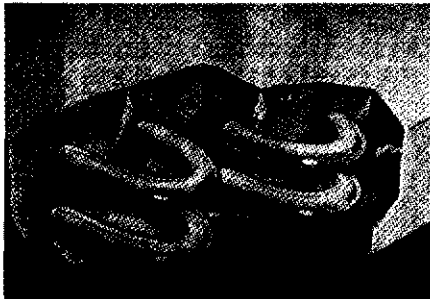
self-contained pre-mix drink system

Two complete pre-mix drink systems are now available from Scotsman. Each is equipped with five drink heads, flake ice maker and full service lines. Both energy saving models produce Scotsman quality flake ice, stored in a big 215 pound stainless steel bin. The PMF650 produces up to 729 pounds and the PMF450 up to 507 pounds of flake ice in 24 hours.*

A sealed-in sanitary cold plate is cast from 99.9% pure solid aluminum with an intricate network of stainless steel tubes embedded inside. With pre-mix liquid and room temperature at 75°, drinks are cooled to 39° or below as long as ice is kept in contact with the full cold plate surface.

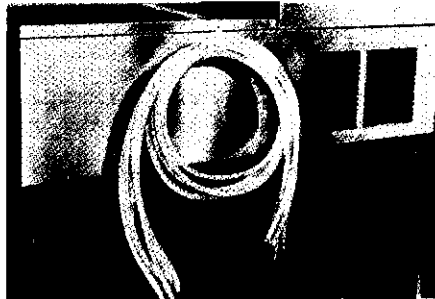
Both models are finished in rich charcoal brown enamel with stainless steel top and console. The high-gloss panels have a leathergrain embossed texture and wipe clean with a damp cloth.

*See Ice Making Capacity on other side



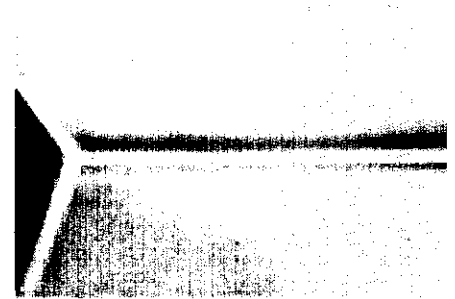
EXCLUSIVE COLD PLATE

The two inch thick, pure aluminum casting has tubes laced back and forth across the plate's entire width forming a double row, one above the other. Cools liquid down to 39° from tank to drink head.



SODA LINES

Five service lines are seven feet in length with all internal connections factory installed. Openings in the back panel and base provide exits for service lines. Hook-up to pre-mix containers is accomplished quickly.



STAINLESS STEEL STORAGE BIN

A 215 pound capacity bin is constructed of heavy gauge stainless steel, sanitary and easy to clean. The solid aluminum cold plate provides a sealed bin bottom with a centrally located drain.



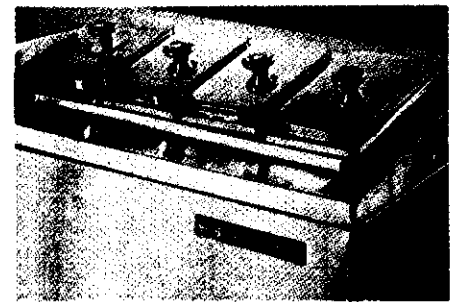
FRONT SERVICE ACCESS

Front panel is removable offering easy access to mechanical workings parts . . . keeps labor costs low and machine downtime to a minimum. Periodic equipment checks avoid potential trouble and insure long machine life.



REMOVABLE BIN LID

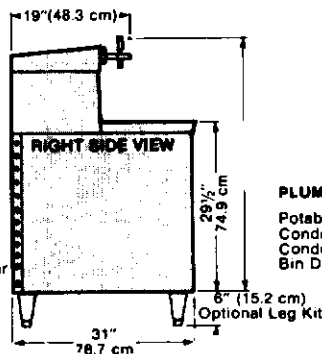
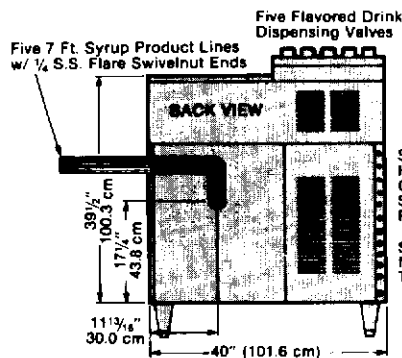
The 10" x 15" lid is made of light weight, scuff-resistant material and is completely removable. Flush style handle has no protrusions to cause accidental spilling. Insulation provides a tight seal against warm outside air.



OPTIONAL K43R SYRUP RAIL BASE

Syrup rail replaces right-hand panel on top of console. Holds four fruit or syrup jars (not included in kit). Openings accommodate 4 1/16" x 6 3/4" jars, two with 9 1/16" and two with 6 9/16" depth. Two jars on the left, must be 6 9/16" or less in depth.

PMF450 & PMF650 drink system



This product qualifies for these listings



PLUMBING CONNECTIONS

Potable Water Inlet - 1/2" O.D. Male Flare
Condenser Water Inlet - 3/8" O.D. Male Flare
Condenser Water Out - 3/8" O.D. Male Flare
Bin Drain - 1/2" O.D. Copper Tube

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cond. Unit	Finish	Basic Elec.	Comp. H.P.	Run. Amps	Max. Oper. Amps	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shpg. Wt. lbs./kg.
PMF450													
PMF450AE-1A	45 1/2 x 40 x 31	215 lbs.	438 lbs.	Air	E	115/60/1	1/2	—	16.5	2	19.5	20	478/217
PMF450WE-1A	45 1/2 x 40 x 31	215 lbs.	507 lbs.	Water	E	115/60/1	1/2	—	16.0	2	19.0	20	478/217
PMF650													
PMF650AE-1A	45 1/2 x 40 x 31	215 lbs.	675 lbs.	Air	E	115/60/1	3/4	—	19.5	2	22.9	30	518/235
PMF650WE-1A	45 1/2 x 40 x 31	215 lbs.	729 lbs.	Water	E	115/60/1	3/4	—	18.6	2	22.1	30	518/235

†(E) Leathergrain, embossed steel with high gloss charcoal brown baked enamel finish with stainless steel top and console and charcoal brown ABS lift-off bin lid. Order SPKDSF50 for stainless steel sides and front panels and grey molded ABS lift-off bin lid. *Bin has stainless steel sides and aluminum bottom. Complete pre-mix drink carbonation system including motor, sealed-in cold plate, all internal connecting lines and six external quick-disconnect service lines

*ICE MAKING CAPACITY:

Typical ice production—lbs./kgs. of ice per 24 hours

PMF450A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				lbs.
	F°	90°	70°	50°	
70°	364	401	438	438	lbs.
21°	164	180	198	198	kg.
90°	312	349	380	380	lbs.
32°	141	158	172	172	kg.
100°	275	296	322	322	lbs.
38°	124	133	145	145	kg.

PMF450W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				lbs.
	F°	90°	70°	50°	
70°	401	454	507	507	lbs.
21°	181	204	228	228	kg.
90°	396	449	496	496	lbs.
32°	178	202	224	224	kg.
100°	380	438	491	491	lbs.
38°	171	197	221	221	kg.

PMF650A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				lbs.
	F°	90°	70°	50°	
70°	571	634	675	675	lbs.
21°	257	285	304	304	kg.
90°	491	528	560	560	lbs.
32°	221	238	252	252	kg.
100°	475	507	533	533	lbs.
38°	214	228	240	240	kg.

PMF650W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				lbs.
	F°	90°	70°	50°	
70°	580	655	729	729	lbs.
21°	263	295	328	328	kg.
90°	549	629	708	708	lbs.
32°	247	263	319	319	kg.
100°	528	613	680	680	lbs.
38°	238	276	306	306	kg.

OPTIONAL LEG KITS:

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling feet. KLP2E: Black enamel finish. KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations or installations where air temperatures are below 50°F or above 100°F and the water temperature is below 40°F or above 100°F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.

PRODUCT WARRANTY

See Scotsman Manufacturer's Limited Warranty statement or contact your Scotsman dealer for details.

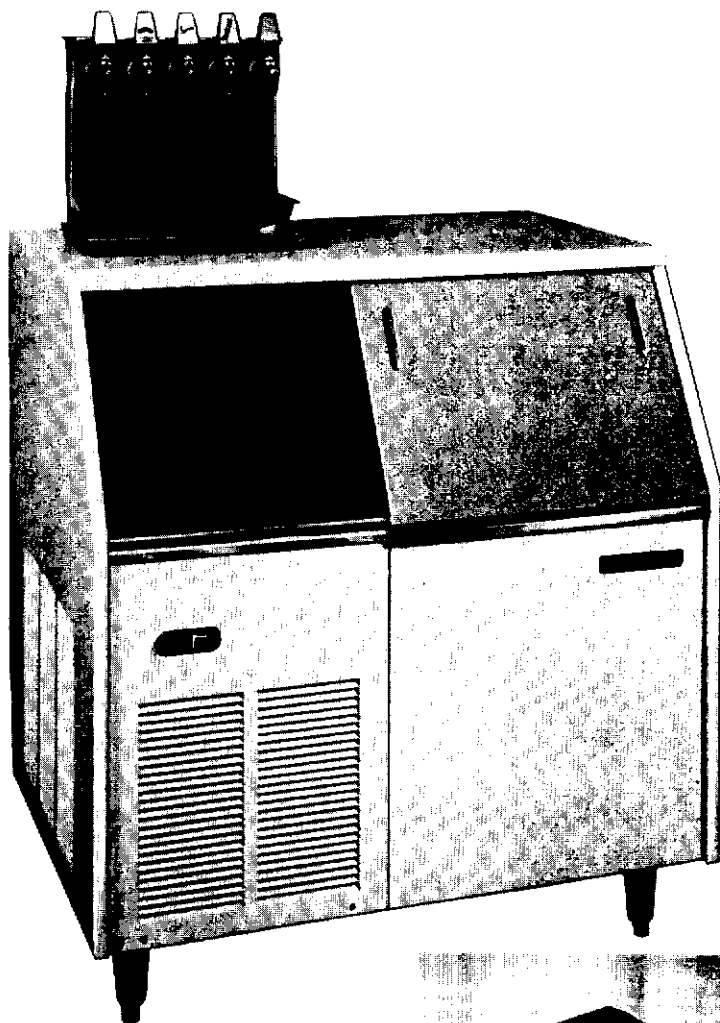
We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MN 56007

SCOTSMAN
COMMERCIAL ICE SYSTEMS



Includes 6" Black Enamel Legs

PR760

"Ice Nugget" Cuber with Pre-Mix Drink System

ENERGY EFFICIENT — LOWER OPERATING COSTS

- Up to 605 lbs. of "Ice Nuggets" in 24 hours.
- Save up to 36% electricity over regular cubes.
- 255 lb. Stainless Steel Bin.

SIMPLE DESIGN — HIGHER RELIABILITY

- Only one moving part under refrigeration
- Quiet operation
- Field proven to assure dependability
- Safety controls protect against low refrigerant or water pressure

NON-BRIDGING NUGGETS — EASY SERVING

- Nuggets stay separated without clustering
- Provide maximum liquid displacement

DRINK TOWER — EFFICIENT

- 5 dispensing valves
- NSF approved
- EXTRA wide drain
- Removable back
- Five 6 foot soda lines

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

SCOTSMAN ... WORLD'S LARGEST MANUFACTURER OF COMMERCIAL ICE MACHINES!



SEALED COLD PLATE

A 255 pound capacity stainless steel bin is sanitary and easy to clean. The solid aluminum cold plate provides a sealed bin bottom with a centrally located drain. 5 circuit cold plate cools beverages efficiently.



SLIDE OUT CHASSIS

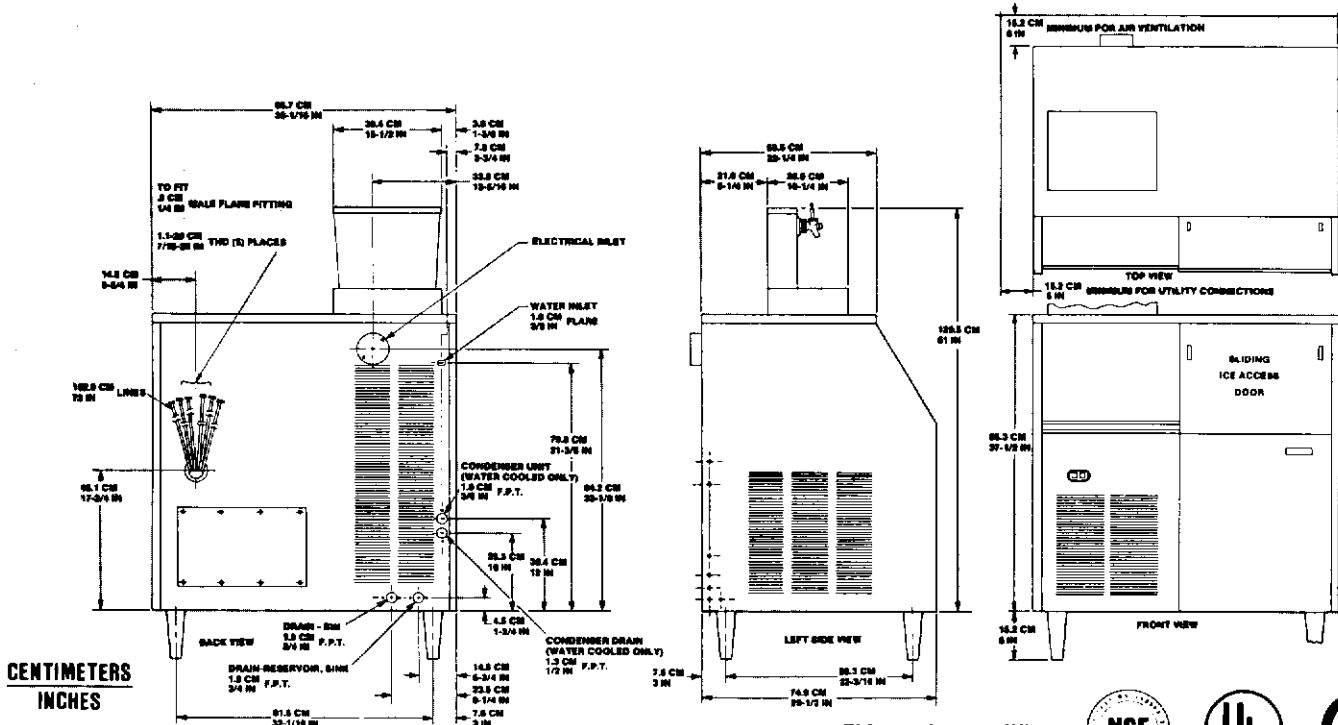
Simply remove 2 screws and the front panel can be taken off for quick easy access to machine working parts. Entire chassis slides out for fast economical service.



NEW HARD "ICE NUGGETS"

"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets scoop easily and give very high liquid displacement in beverages.

PR760 "ICE NUGGET" CUBER with Pre-Mix Drink System



CENTIMETERS
INCHES

Note: Allow 6" minimum clearance at back and left side for ventilation and utility connections.

This product qualifies for these listings



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap. ***	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
PR760AE-1C	51 x 38 1/16 x 29 1/2	255 lbs.	605 lbs.	Nuggets	Air	ES	115/60/1	3/4	2	19.3	30	436/198

**ES Sandalwood high-gloss, baked enamel finish on leathergrain embossed steel. Allow 6" minimum clearance at left side, and back for ventilation and utility connections.

† Use this value to determine minimum wire size as per National Electric Code Standards.

***Maximum storage capacity for bins is based on 90% of total volume in cubic feet times 34 lb. average density of ice.

*ICE MAKING CAPACITY:

Typical ice production — lbs./kgs. of Ice Nuggets per 24 hours.

PR760AE AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	605	549	504	458	lbs.
21°	275	249	229	204	kg.
90°	555	502	450	400	lbs.
32°	252	228	204	188	kg.
100°	502	458	415	375	lbs.
38°	228	208	188	170	kg.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKPR760 contains stainless steel panels for top and 4 sides. Grey molded ABS door. Not factory installed.

OPTIONAL LEG KIT:

KLP2S: Nickel plated, brushed metal finish with adjustable foot. Recommended with stainless steel cabinet.

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
Air Temperatures	50° F (10.0° C)	100° F (37.7° C)
Water Temperatures	40° F (4.4° C)	100° F (37.7° C)
Water Pressures	20 PSIG	120 PSIG
Electrical Voltage	-10%	+10%

Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage. See Dealer for details of Limited Warranty.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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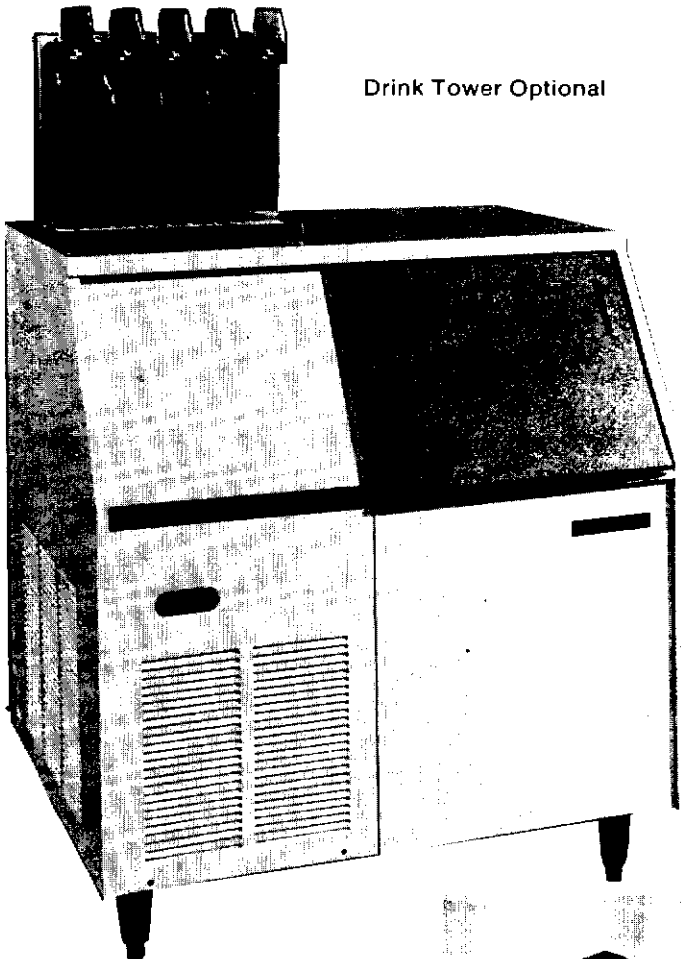
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S-184-88

SCOTSMAN
COMMERCIAL ICE SYSTEMS

Drink Tower Optional



Includes 6" Black Enamel Legs



SEALED COLD PLATE

A 255 pound capacity stainless steel bin is sanitary and easy to clean. The solid aluminum cold plate provides a sealed bin bottom with a centrally located drain. 7 circuit cold plate cools syrup and water.



NEW HARD "ICE NUGGETS"

"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets scoop easily and give very high liquid displacement in beverages.



SLIDE OUT CHASSIS

Simply remove 2 screws and the front panel can be taken off for quick easy access to machine working parts. Entire chassis slides out for fast economical service.

P0760
"Ice Nugget" Cuber
with Post-Mix
Carbonation System

ENERGY EFFICIENT — LOWER OPERATING COSTS

- Up to 636 lbs. of "Ice Nuggets" in 24 hours.
- Save up to 36% electricity over regular cubes.
- 255 lb. Stainless Steel Bin.

SIMPLE DESIGN — HIGHER RELIABILITY

- Only one moving part under refrigeration
- Quiet operation
- Field proven to assure dependability
- Safety controls protect against low refrigerant or water pressure

NON-BRIDGING NUGGETS — EASY SERVING

- Nuggets stay separated without clustering
- Provide maximum liquid displacement

BUILT-IN CARBONATION SYSTEM

- Carbonates incoming water
- Includes carbonator, pump, tank and internal connections
- Cold plate in bin
- 6 six-foot product lines
- Also available without carbonator

WARRANTY — SATISFACTION

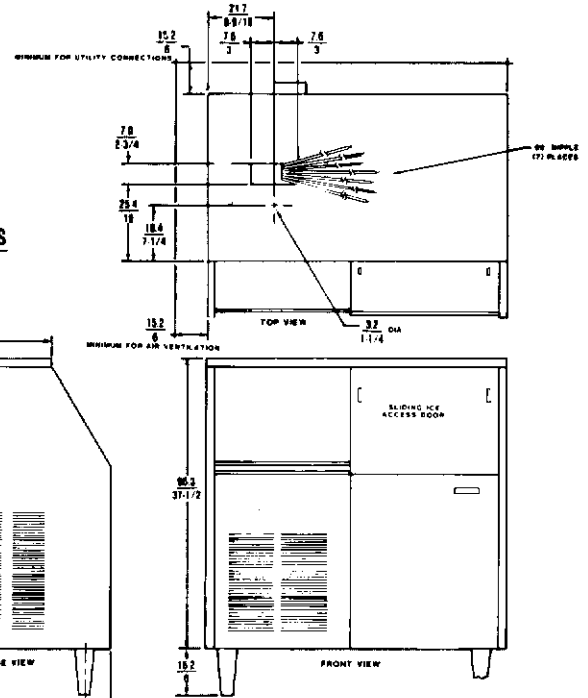
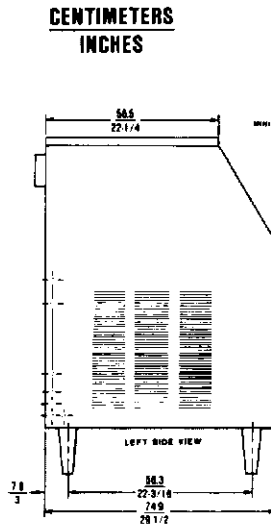
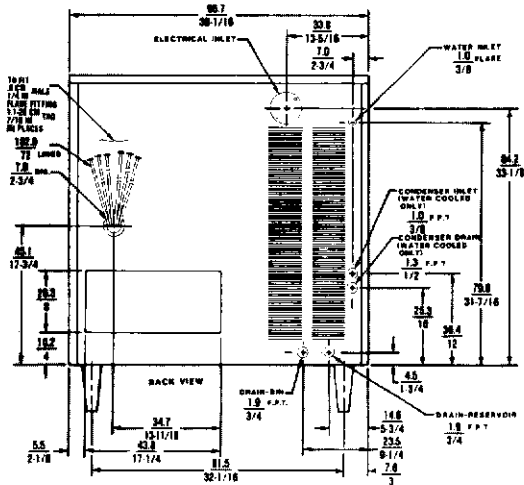
- See Dealer for details of Limited Warranty.
- 24 Month Factory Labor coverage.
 - 24 Months on all parts.
 - 5 Years on Compressor.
 - Directory of Certified Service Dealers.

SCOTSMAN ... WORLD'S LARGEST MANUFACTURER OF COMMERCIAL ICE MACHINES!

P0760 "ICE NUGGET" CUBER with Post-Mix Carbonation System

Note: Allow 6-inch minimum clearance at back and left side for ventilation and utility connections.
 Note: KDT1 Tower is optional.

These products qualify for these listings.



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
PO760AE-1C	37½ x 38 x 29½	255	605	Nugget	Air	ES	115/60/1	¾	2	24.3	30	425/193
PO760WE-1C	37½ x 38 x 29½	255	636	Nugget	Water	ES	115/60/1	¾	2	21.0	25	429/195
PO760TAE-1C	53½ x 38 x 29½	255	605	Nugget	Air	ES	115/60/1	¾	2	24.3	30	435/197
PO760CPAE-1C	37½ x 38 x 29½	255	605	Nugget	Air	ES	115/60/1	¾	2	24.3	30	395/179

KDT1 Stainless Steel Tower with 5 valves - white housing. SPKPR760 Stainless Steel Panel Kit for P0760.
 ■ Includes Cold Plate and Carbonator. ■ Includes Cold Plate, Carbonator and Tower. ▶ Includes Cold Plate Only without Carbonator or Tower. No holes in top panel for Tower.

ICE MAKING CAPACITY:

Typical ice production — lbs./kgs. of Ice Nuggets per 24 hours at 70° air, 50° water.

PO760AE AIR-COOLED

WATER TEMPERATURE

F°	50°	70°	90°	
C°	10°	21°	32°	
70°	605	549	504	lbs.
21°	275	249	229	kg.
90°	555	502	450	lbs.
32°	252	228	204	kg.
100°	502	458	415	lbs.
38°	228	208	188	kg.

PO760WE WATER-COOLED

WATER TEMPERATURE

F°	50°	70°	90°	
C°	10°	21°	32°	
70°	636	551	487	lbs.
21°	289	250	221	kg.
90°	607	528	470	lbs.
32°	276	240	213	kg.
100°	596	523	464	lbs.
38°	271	237	211	kg.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKPR760 contains stainless steel panels for top and 4 sides. Grey molded ABS door. Not factory installed.

OPTIONAL TOWER:

KDT1: Stainless Steel Tower with 5 McCann valves.

OPTIONAL LEG KIT:

KLP2S: Nickel plated, brushed metal finish with adjustable foot. Recommended with stainless steel cabinet.

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
Air Temperatures	50° F (10.0° C)	100° F (37.7° C)
Water Temperatures	40° F (4.4° C)	100° F (37.7° C)
Water Pressures	20 PSIG	120 PSIG
Electrical Voltage	-10%	+10%

Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage. See Dealer for details of Limited Warranty.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.
 Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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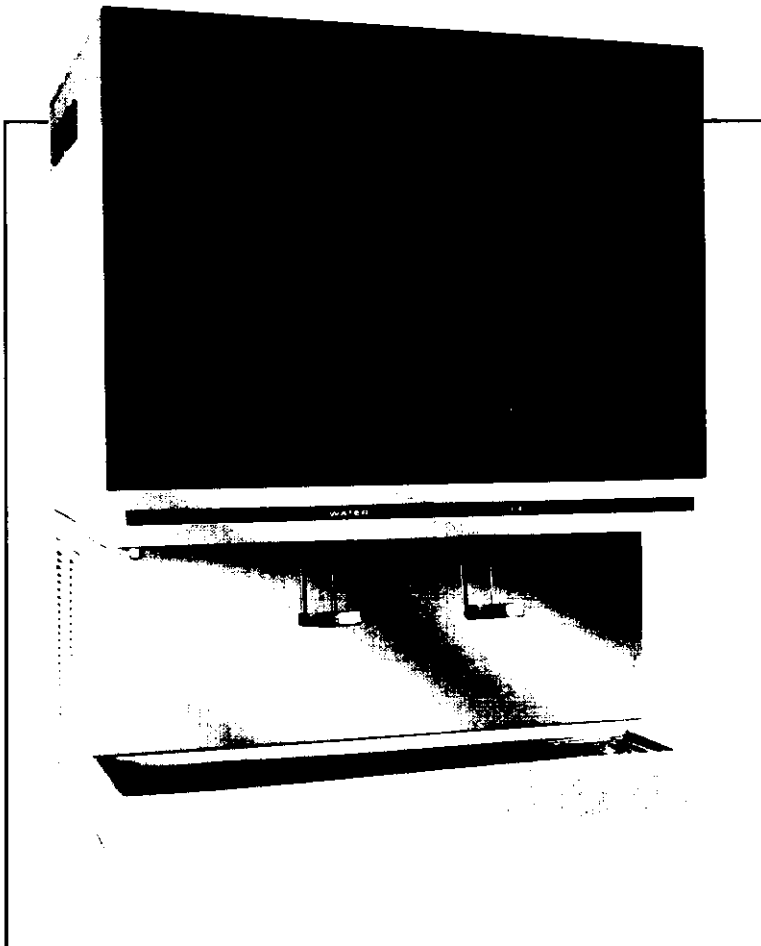
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ND750

Nugget Ice
Maker/Dispenser

SCOTSMAN

C.S.I. FILE NO. 11400



The ND750 represents a totally new concept in the manufacture of the already popular Scotsman Nugget Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate most mechanical switches and sensors.
- Electronic water level sensor prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.
- New simplified dispensing mechanism.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous icemaking, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

NON-BRIDGING NUGGETS – EASY SERVING

- Jam-free dispensing.
- Nuggets stay separated without clustering.
- Provide maximum liquid displacement.
- Most effective ice form for carbonated beverages.
- Portion control or continuous dispensing.

FLEXIBILITY – MORE CONVENIENCE

- Cleanable A.B.S. sink and stainless steel splash panel.
- Foam insulated 90-pound capacity storage bin.
- Mounts on counter or on DMS31B machine stand.
- Easy front service access.
- Easy to install – utilities are connected at the backside.

WARRANTY PROTECTION

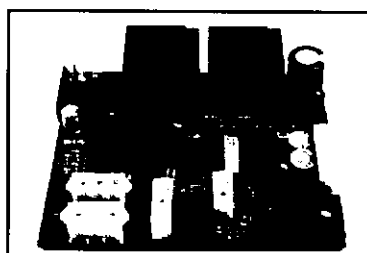
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



NUGGET ICE

Versatile, inexpensive to produce, used in carbonated beverages and salad bars.



CIRCUIT BOARD

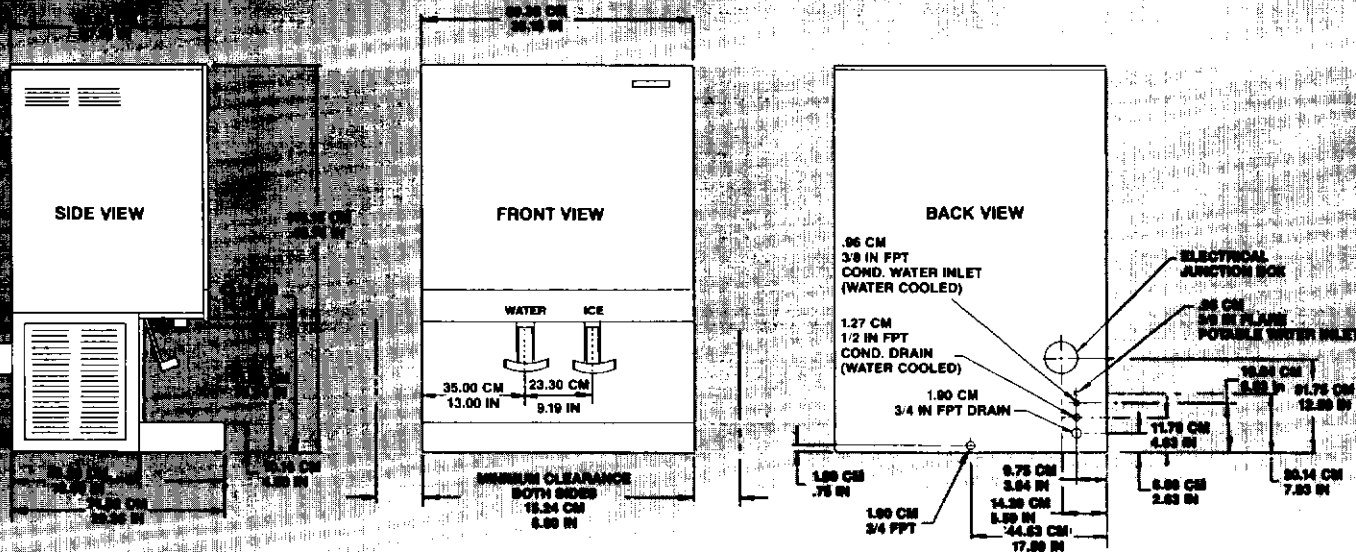
ND750's electronic circuit board ensures reliable operation.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

ND750 NUGGET ICE MAKER/DISPENSER



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model	Dimensions (H x W x D)	Weight	Capacity	Material	Finish	Ice Production (lbs./24h)	Water Temp (°F)	Air Temp (°F)	Power (W)	Voltage (V)	Frequency (Hz)	Warranty (Yr)
ND750AE-1A	45 3/4 x 35 3/16 x 29 1/4	90/41	680/308	Air	ES	115/60/1	3/4	2	19.8	30	364/165	364/165
ND750AS-1A	45 3/4 x 35 3/16 x 29 1/4	90/41	680/308	Air	SS	115/60/1	3/4	2	19.8	30	364/165	364/165
ND750WE-1A	45 3/4 x 35 3/16 x 29 1/4	90/41	700/318	Water	ES	115/60/1	3/4	2	18.4	30	363/165	363/165
ND750WS-1A	45 3/4 x 35 3/16 x 29 1/4	90/41	700/318	Water	SS	115/60/1	3/4	2	18.4	30	363/165	363/165

This product qualifies for the following listings:



- * Typical ice production in lbs./kg of ice per 24 hours at 70° air and 50° water.
- ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
- *** Use this value to determine minimum wire size as per National Electric Code Standards.

ICE MAKING CAPACITY PER 24 HOURS

ND750A AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	50°	70°	90°	
70°	680	615	550	lbs.
90°	610	550	490	lbs.
100°	540	485	425	lbs.

ND750W WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	50°	70°	90°	
70°	700	585	490	lbs.
90°	670	570	480	lbs.
100°	665	560	470	lbs.

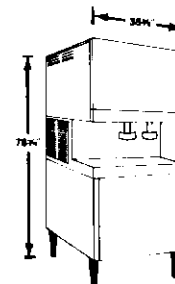
Capacities represent typical production, variances of ± 5% are normal.

ICE VENDING CAPACITY

Variable Vends: From 1 oz. to continuous flow.

PEAK VENDS PER HOUR

Model	90	28	720 + 225	360 + 110	240 + 75	180 + 55
ND750A	90	28	720 + 225	360 + 110	240 + 75	180 + 55
ND750W	90	29	720 + 230	360 + 115	240 + 75	180 + 55



ND750 on optional DMS31B

OPTIONAL MACHINE STANDS

DMS31E-B - Sandalwood enamel cabinet with black enamel legs.

DMS31S-B - Stainless steel cabinet with nickel plated legs. 27" H x 35 3/16" W x 29 1/4" D. Add 6" to height for legs.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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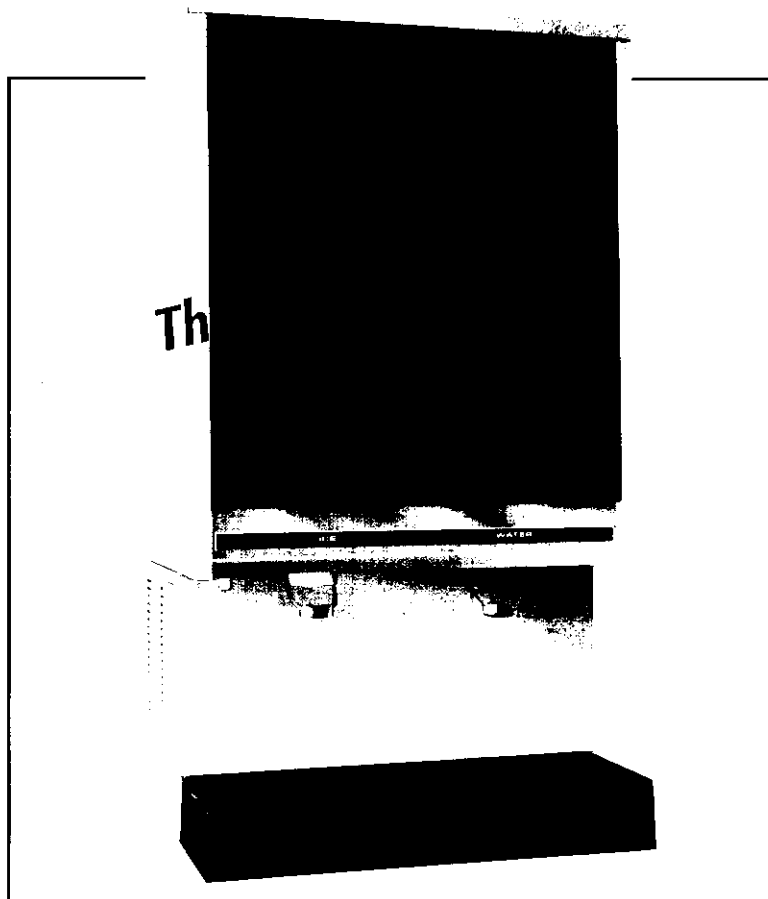
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ND650

Nugget Ice
Maker/Dispenser

SCOTSMAN

C.S.I. FILE NO. 11400



The ND650 represents a totally new concept in the manufacture of the already popular Scotsman Nugget Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate most mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous icemaking, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

NON-BRIDGING NUGGETS – EASY SERVING

- Jam-free dispensing.
- Nuggets stay separated without clustering.
- Provide maximum liquid displacement.
- Most effective ice form for carbonated beverages.

FLEXIBILITY – MORE CONVENIENCE

- Cleanable A.B.S. sink and stainless steel splash panel.
- Foam insulated 35-pound capacity roto cast bin.
- Mounts on counter, wall or on DMS21B machine stand.
- Easy front service access.
- Easy to install – utilities are connected at the backside.

WARRANTY PROTECTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



NUGGET ICE

Versatile, inexpensive to produce, used in carbonated beverages and salad bars.



CIRCUIT BOARD

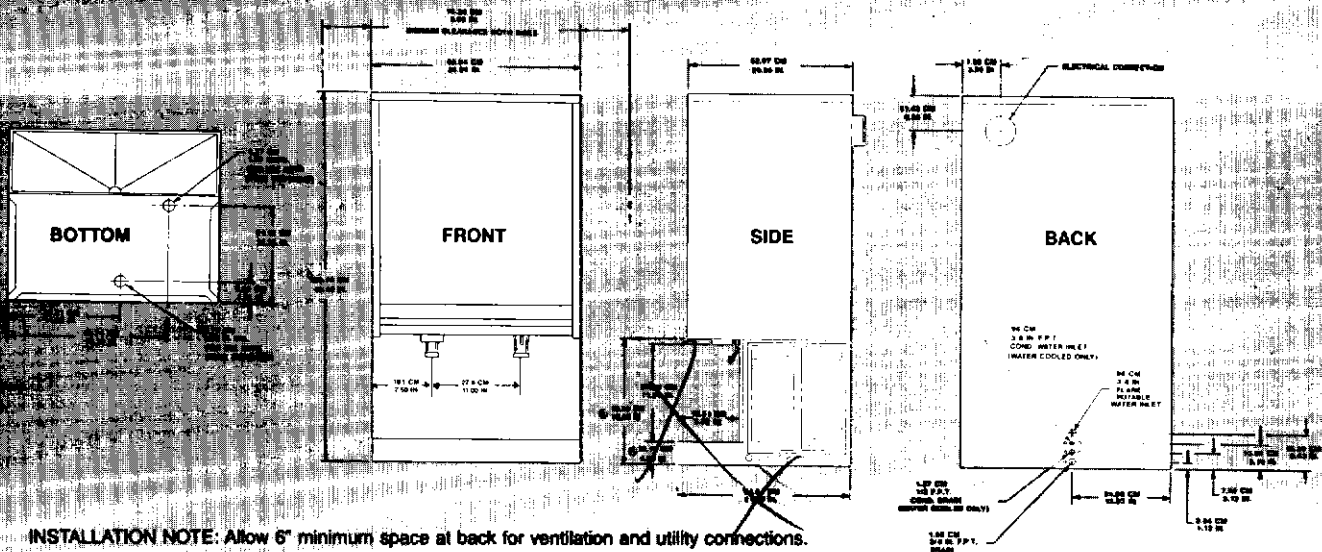
ND650's electronic circuit board ensures reliable operation.



SOFT DRINK DISPENSING

KV5H-30 electric valve kit and a remote carbonation system easily convert the ND650 into a high profit drink center.

ND650 NUGGET ICE MAKER/DISPENSER



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model	Dimensions (H x W x D)	Bin Cap. lbs./kg	Ice Prod. Cap. 24 Hrs. lbs./kg*	Cond. Unit	Finish**	Refr. System	Comp. H.P.R.	No. of Wires	Wt. Circuit Ampacity***	Bin. Fuse Size	Ship. Wt. lbs./kg
ND650AE-1A	48½ x 26 x 21½	35/16	605/275	Air	ES	115/60/1	1/2	2	17.2	20	283/128
ND650AS-1A	48½ x 26 x 21½	35/16	605/275	Air	SS	115/60/1	1/2	2	17.2	20	283/128
ND650WE-1A	48½ x 26 x 21½	35/16	620/281	Water	ES	115/60/1	1/2	2	16.2	20	284/129
ND650WS-1A	48½ x 26 x 21½	35/16	620/281	Water	SS	115/60/1	1/2	2	16.2	20	284/129

This product qualifies for the following listings:



- * Typical ice production in lbs./kg of ice per 24 hours at 70° air and 50° water.
- ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
- *** Use this value to determine minimum wire size as per National Electric Code Standards.

ICE MAKING CAPACITY PER 24 HOURS

ND650 AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	605	570	515	400	kg
21°	276	250	224	180	
90°	490	465	425	330	kg
32°	222	211	193	150	
100°	445	415	380	300	kg
38°	202	186	173	130	

ND650W WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	620	545	485	380	kg
21°	281	247	220	170	
90°	605	540	470	360	kg
32°	275	245	219	160	
100°	595	535	470	360	kg
38°	270	243	219	160	

Capacities represent typical production, variances of ± 5% are normal.

ICE VENDING CAPACITY

Variable Vends: From 1 to 4 oz. (approx. 2 to 8 oz. by volume).

PEAK VENDS PER HOUR

Model	1 oz. Vends	2 oz. Vends	Number of Vends per Hour from Full Bin Inventory			
			1 oz. Vends	2 oz. Vends	4 oz. Vends	
ND650A	35	25	560 + 400	280 + 200	185 + 130	140 + 100
ND650W	35	25	560 + 400	280 + 200	185 + 130	140 + 100

*Ice production based on 70° air and 50° water.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

OPTIONAL EQUIPMENT:

KSP1B – Splash panel kit to be used when the ND650 is installed above a permanent sink and the sink assembly is not used.

KV5HA-30A – Post-mix soft drink dispensing system for use with remote carbonation systems. Four electric valves dispense 4 soft drinks plus carbonated and non-carbonated water. Two single lever valves provide carbonated drink. One double lever valve provides 1 carbonated drink and/or carbonated water. One double lever valve provides 1 sweet water drink and/or sweet water. Requires removal of water station.

DMS21B – Machine stand for ND650. Height: 36" with 6" legs. Width: 26". Depth: 21½". Available in sandalwood enamel finish or stainless steel. 22.5"

KWB3 – Wall mounting kit.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F, nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

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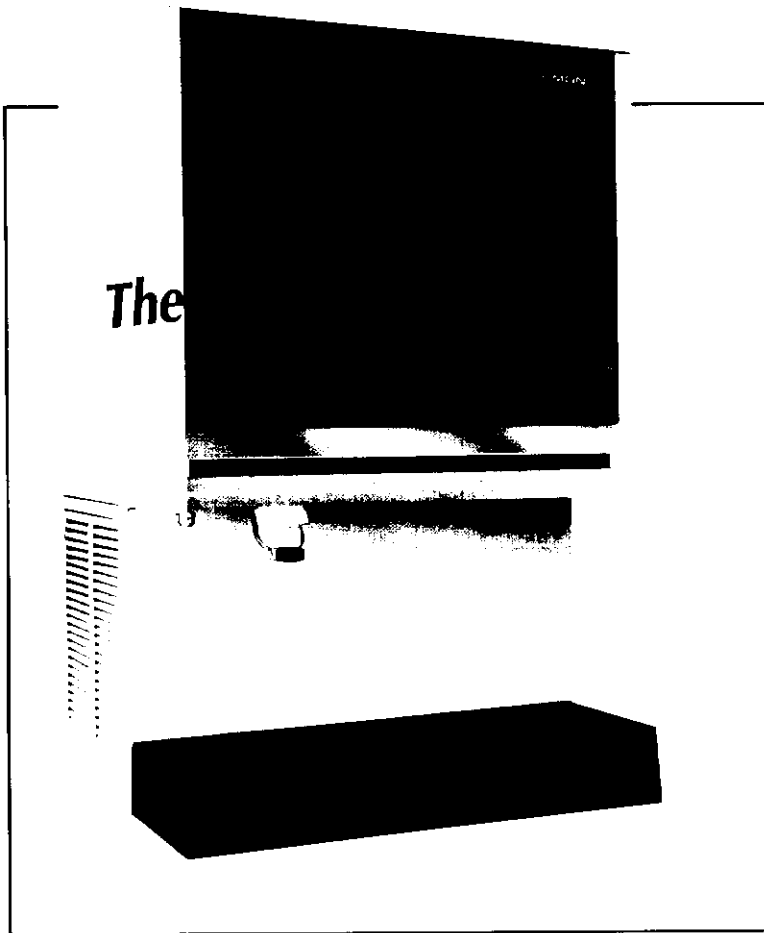
20M 5-89

ND550

Nugget Ice
Maker/Dispenser

SCOTSMAN

C.S.I. FILE NO. 11400



The ND550 represents a totally new concept in the manufacture of the already popular Scotsman Nugget Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate most mechanical switches and sensors.
- Electronic water level sensor prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous icemaking, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

NON-BRIDGING NUGGETS – EASY SERVING

- Jam-free dispensing.
- Nuggets stay separated without clustering.
- Provide maximum liquid displacement.
- Most effective ice form for carbonated beverages.

FLEXIBILITY – MORE CONVENIENCE

- Cleanable A.B.S. sink and stainless steel splash panel.
- Foam insulated 25-pound capacity roto cast bin.
- Mounts on counter, wall or on DMS21B machine stand.
- Easy front service access.
- Easy to install – utilities are connected at the backside.

WARRANTY PROTECTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



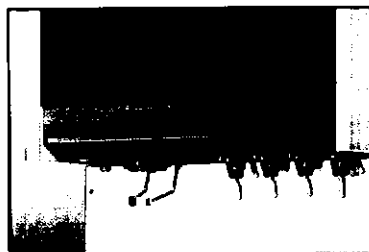
NUGGET ICE

Versatile, inexpensive to produce, used in carbonated beverages and salad bars.



CIRCUIT BOARD

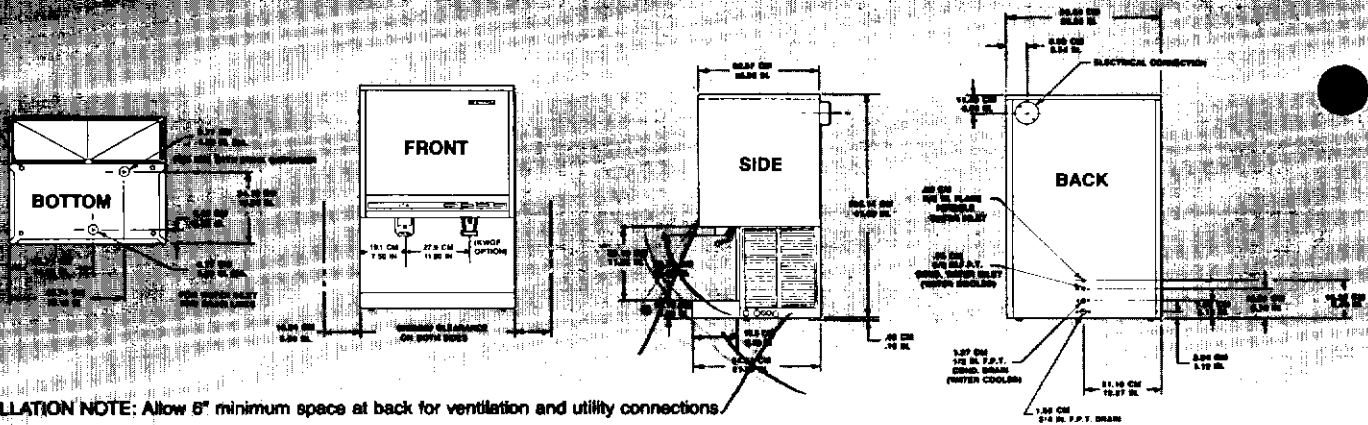
ND550's electronic circuit board ensures reliable operation.



SOFT DRINK DISPENSING

KV5H-30 electric valve kit and a remote carbonation system easily convert the ND550 into a high profit drink center.

ND550 NUGGET ICE MAKER/DISPENSER



SPECIFICATIONS

Model	Dimensions (H x W x D)	Bin Cap. lbs./kg	Ice Prod. Cap. 24 Hrs. lbs./kg	Cond. Unit	Finish	Water Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity	Max. Fuse Size	Ship. Wt. lbs./kg
ND550AE-1A	41x26x21½	25/11	535/243	Air	ES	115/60/1	1/2	2	16.7	20	267/121
ND550AS-1A	41x26x21½	25/11	535/243	Air	SS	115/60/1	1/2	2	16.7	20	267/121
ND550WE-1A	41x26x21½	25/11	525/238	Water	ES	115/60/1	1/2	2	16.2	20	266/121
ND550WS-1A	41x26x21½	25/11	525/238	Water	SS	115/60/1	1/2	2	16.2	20	266/121

This product qualifies for the following listings:



- * Typical ice production in lbs./kg of ice per 24 hours at 70° air and 50° water.
- ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
- *** Use this value to determine minimum wire size as per National Electric Code Standards.

ICE MAKING CAPACITY PER 24 HOURS

ND550A AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	535	500	455		lbs.
21°	243	227	207		kg
90°	435	410	370		lbs.
32°	197	186	169		kg
100°	390	365	335		lbs.
38°	177	166	152		kg

ND550W WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	525	460	410		lbs.
21°	238	209	185		kg
90°	510	455	400		lbs.
32°	231	206	181		kg
100°	505	450	400		lbs.
38°	229	204	181		kg

Capacities represent typical production, variances of ± 5% are normal.

OPTIONAL EQUIPMENT:

KSP1B – Splash panel kit to be used when the ND550 is installed above a permanent sink and the sink assembly is not used.

KWGF – Water dispensing system. May not be used with KV5H-30A soft drink dispensing system.

KV5HA-30A – Post-mix soft drink, dispensing system for use with remote carbonation systems. Four electric valves dispense 4 soft drinks plus carbonated and non-carbonated water. Two single lever valves provide carbonated drink. One double lever valve provides 1 carbonated drink and or carbonated water. One double lever valve provides 1 sweet water drink and or sweet water.

DMS21B – Machine stand for ND550. Height: 36" with 6" legs. Width: 26". Depth: 24½". Available in sandalwood enamel finish or stainless steel.

KWB3 – Wall mounting kit.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

ICE VENDING CAPACITY

Variable Vends: From 1 to 4 oz. (approx. 2 to 8 oz. by volume).

PEAK VENDS PER HOUR

Model	Bin Cap. lbs.	Ice Prod. Cap. lbs.	Number of Vends per Hour From Full Bin - Recovery			
			1 oz. Vends	2 oz. Vends	4 oz. Vends	8 oz. Vends
ND550A	25	22	400 - 350	200 + 175	130 + 115	100 - 85
ND550W	25	22	400 - 350	200 + 175	130 + 115	100 - 85

*Ice production based on 70° air and 50° water.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

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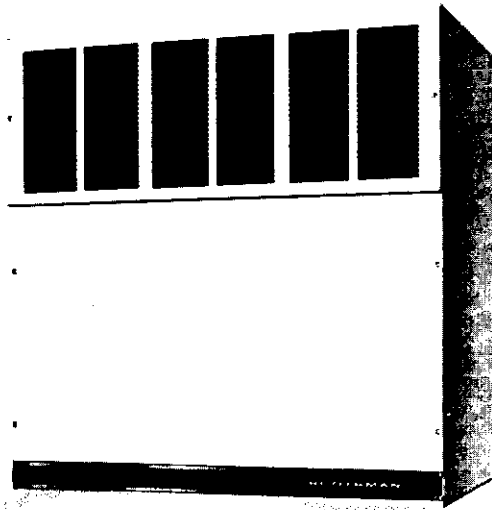
SCOTSMAN® Ice Machines

PRODUCT NAME:

SCOTSMAN® CUBER MODEL 1000 SERIES

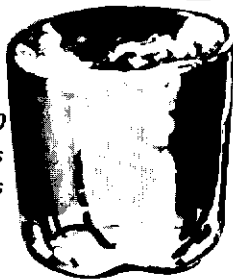
MANUFACTURER:

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007

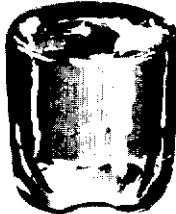


SHOWN 3 QTR. SIZE

Model SC1000
produces
large cubes



Model SM1005
produces
medium cubes



Model MM1010
produces
small cubes

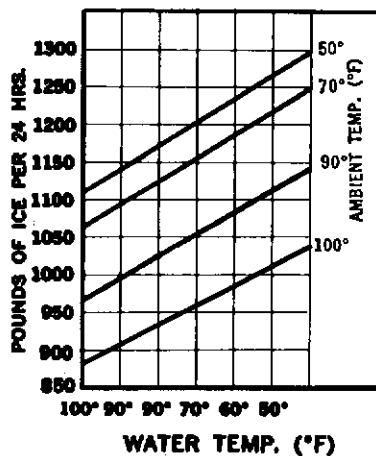


(ILLUSTRATED ON B700 BIN)

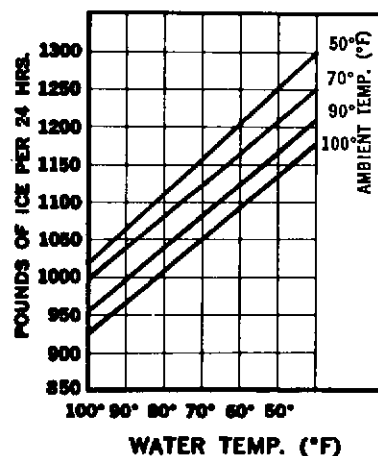


Ice
MAKING
Capacity:

AIR COOLED MODELS



WATER COOLED MODELS



NOTE: Capacity illustrated for medium size cube.
(Slightly lower for other cube sizes.)

SCOTSMAN

1000 SERIES

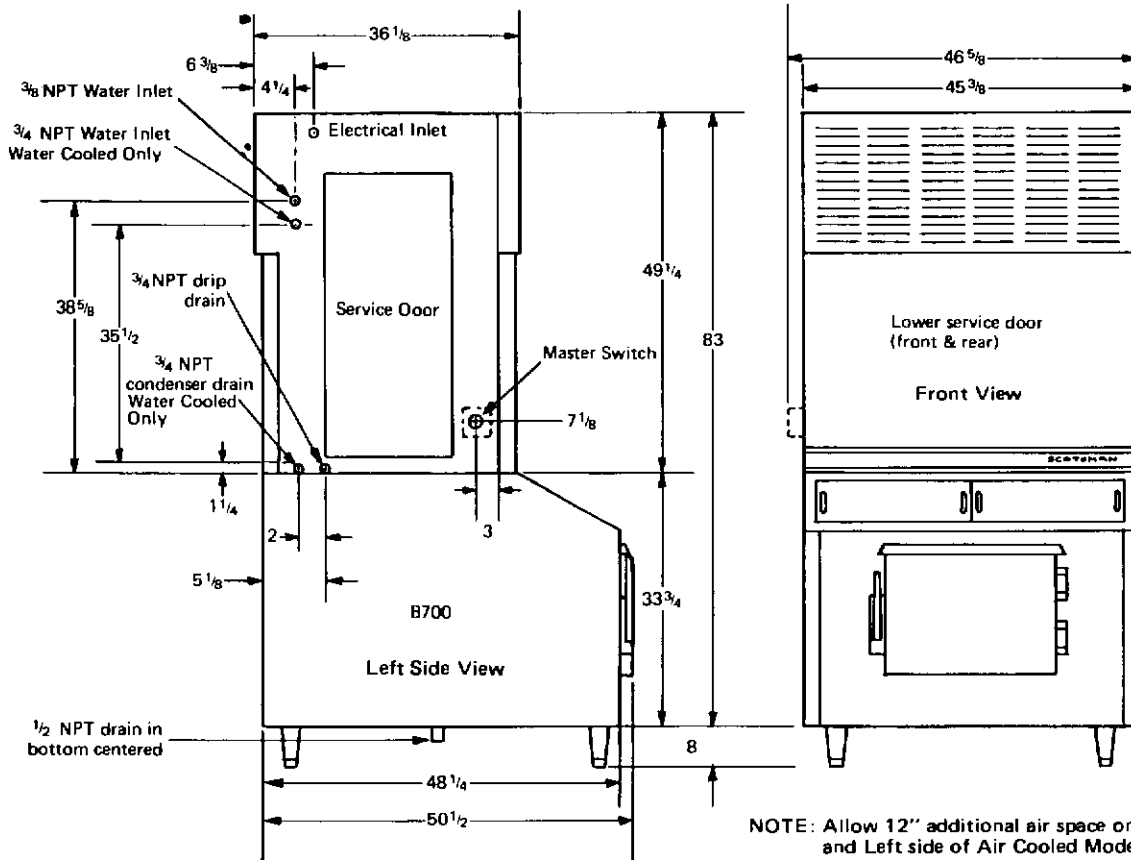
Capacity: Refer to production chart.

Storage Bin: B700 Stainless Steel Lined

Height: 49-1/4"

Width: 46-5/8"

Depth: 36-1/8"

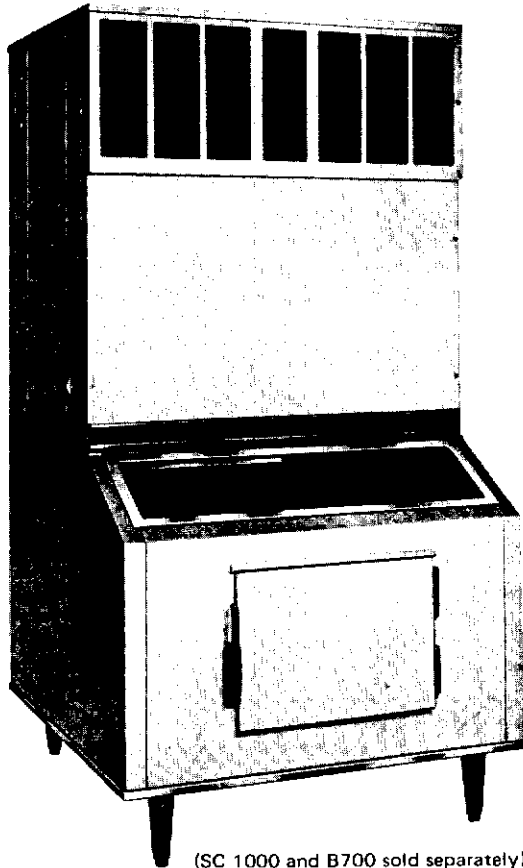


NOTE: Allow 12" additional air space on Top, Back and Left side of Air Cooled Models.
NOTE: Shown here on B700 Bin.



SCOTSMAN

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS



(SC 1000 and B700 sold separately)
(Leg Kit Optional)

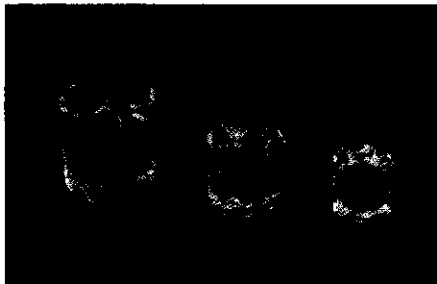
SC1000 cuber

The SC1000 is our largest single cuber in the Scotsman line. Produces up to *1160 pounds of crystal clear ice in 24 hours. It is available in air cooled or water cooled models with a Sandalwood baked-on enamel finish or all heavy gauge stainless steel. You have a choice of three cube sizes — large, medium or the small bar cube. A large service door located on the left side provides easy access to internal working parts for fast economical service.

B700 bin

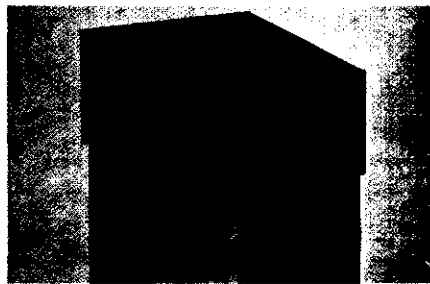
In order to accommodate the large volume production, Scotsman designed a special storage bin just for the SC1000 cuber. It's the B700 bin, sold separately, with a storage capacity of 700 pounds. The bin features sliding doors on top for convenient ice access and a heavy duty hinged door when volume ice removal is necessary. Both sliding and hinged doors close to a tight seal, keeping warm air out and cold in. The B700 automatically shuts off cuber unit when bin is full. Whether you're interested in each unit separately or as a combination, they're both Scotsman . . . world leader in the development and manufacture of ice making equipment.

*See Ice Making Capacity on other side



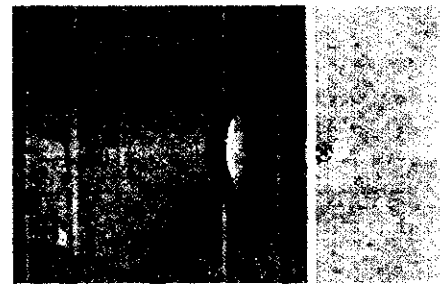
THREE CUBE SIZES

Scotsman offers a choice of 3 cube sizes — large, medium and the popular small bar cube. Pure, crystal clear, with the unique round shape for easy handling.



LARGE SERVICE DOOR

A large service door on the left side of unit makes access to working parts convenient and time saving. Service can be accomplished quickly and economically, keeping downtime to a minimum.



MASTER SWITCH

A master switch is located up front on the left side panel, easy to reach when unit is turned on and off.



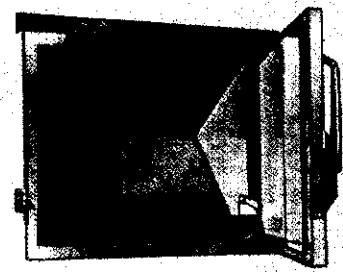
SLIDING ACCESS DOORS

Doors slide smoothly out of the way for a generous size opening. Ice removal is fast and easy with an opening big enough to accommodate a large scoop.



HINGED ACCESS DOOR

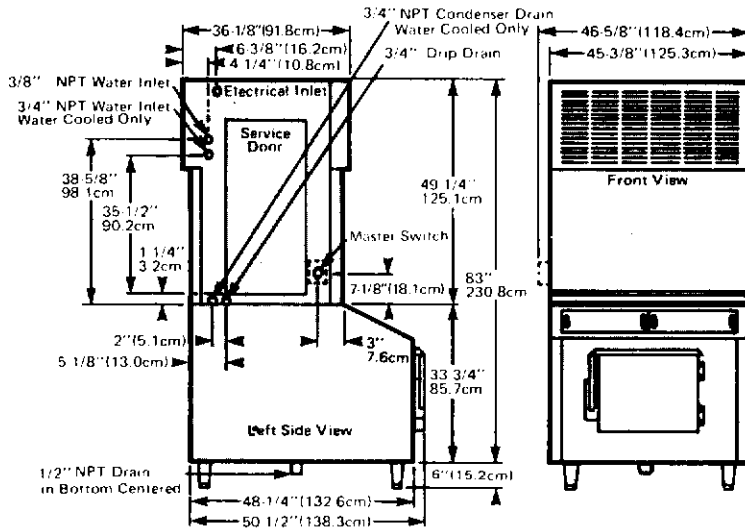
Door features heavy duty latch and hinges. Closes to a tight seal against outside air. Door swings out to a full 180°.



NO SPILL FEATURE

Stainless steel baffles carry ice to the door openings for easy access, but prevent ice from spilling onto the floor.

SC1000 cuber / B700 bin



***Capacity:** Refer to Ice Making Capacity chart.
Storage Bin: The SC1000 will stack onto a B700 Bin.
Height: 33-3/4" (93.3cm) w/o legs **Width:** 45-1/2" (115.6cm)
Depth: 36-1/8" (91.7cm) **Shipping wt:** 915 lbs. (412 kg.)

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.
Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F. or above 100° F.
Water Pressure & Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.

B700 STORAGE BIN

Storage Capacity: Holds up to 700 lbs.
Height: 33-3/4" (93.3cm) w/o legs **Width:** 45-1/2" (115.6cm)
Depth: 48-1/4" (122.0cm).

B700H: Heavy-gauge steel with Sandalwood baked enamel finish, stainless steel interior.
Shipping weight: 405 lbs. (182 kg.)

B700HSS: Heavy-gauge stainless steel inside and out.
Shipping weight: 410 lbs. (184 kg.)

OPTIONAL LEG KITS – KLP2E: Black Enamel 6" legs.
KLP2S: Nickel Plated 6" legs.

CAPACITY RATING: Maximum bin capacity 25.45 cu. ft. Holds 700 lbs. cube ice, 15% less for flake ice. Storage based on 90% of total volume x average density of ice.

*ICE MAKING CAPACITY

Typical ice production – medium size cube – lbs. of ice per 24 hours.
 Large or small cube size production is approximately 15% lower.

SM1005HA AIR-COOLED WATER TEMP.

AIR TEMP.	WATER TEMP.			
	90° F 32° C	70° F 21° C	50° F 10° C	
70° F 21° C	1040	1100	1160	lbs. kg.
90° F 32° C	950	1005	1060	lbs. kg.
100° F 38° C	865	912	960	lbs. kg.

SM1005WHA WATER-COOLED WATER TEMP.

AIR TEMP.	WATER TEMP.			
	90° F 32° C	70° F 21° C	50° F 10° C	
70° F 21° C	990	1070	1145	lbs. kg.
90° F 32° C	950	1025	1105	lbs. kg.
100° F 38° C	930	1000	1085	lbs. kg.

SPECIFICATIONS – SC1000 CUBER

Cube Size	Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship.Wt. lbs./kgs.
Large	SC1000HA	Air	3	enamel	915/412
	SC1000HASS	Air	3	stainless steel	915/412
	SC1000WHA	Water	3	enamel	915/412
Medium	SC1000WHASS	Water	3	stainless steel	915/412
	SM1005HA	Air	3	enamel	915/412
	SM1005HASS	Air	3	stainless steel	915/412
	SM1005WHA	Water	3	enamel	915/412
Small	SM1005WHASS	Water	3	stainless steel	915/412
	MM1010HB	Air	3	enamel	915/412
	MM1010HBSS	Air	3	stainless steel	915/412
	MM1010WHB	Water	3	enamel	915/412
	MM1010WHBSS	Water	3	stainless steel	915/412

*Sandalwood baked enamel finish or all heavy gauge stainless steel.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min. Circuit Ampacity**	Max. Fuse Size	
Air-Cooled:					
Large –	115/230/60/1	23.1	3	27.1	40
	115/208-220/60/3	20.1	4	23.4	30
Medium –	115/230/60/1	23.1	3	27.1	40
	115/208-220/60/3	20.1	4	23.4	30
Small –	115/230/60/1	22.3	3	26.8	40
	115/208-220/60/3	17.8	4	21.2	30
Water-Cooled:					
Large –	115/230/60/1	18.9	3	22.4	30
	115/208-220/60/3	17.9	4	21.2	30
Medium –	115/230/60/1	18.9	3	22.4	30
	115/208-220/60/3	17.9	4	21.2	30
Small –	115/230/60/1	20.2	3	24.6	30
	115/208-220/60/3	15.7	4	19.0	30

** Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

TWO YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two year parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any Product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

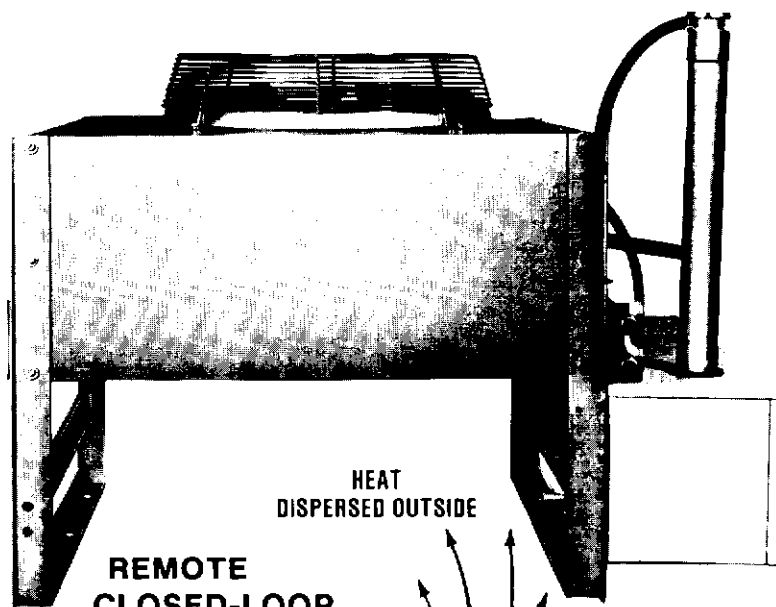


QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MINN. 56007

SCOTSMAN
COMMERCIAL ICE SYSTEMS

RCLS15 and RCLS30

Remote Closed Loop System



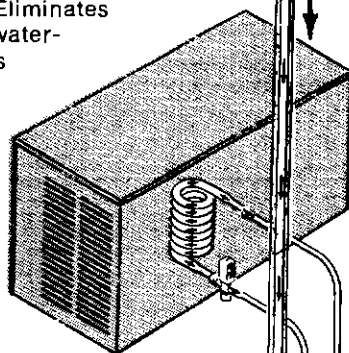
REMOTE CLOSED-LOOP SYSTEM ON ROOF

TAKES THE HEAT OUTSIDE!

Exclusive Closed Loop System not only removes heat accumulated from the ice making process, it also offers significant savings on water utility costs.

The Remote Closed Loop System recirculates inexpensive water-base Scotsman coolant. Eliminates wasted water from water-cooled ice machines that discharge cooling water down the drain.

Coolant recirculates in a closed loop to be used over and over. Replaces normal incoming tap water which would be heated once, then put down the drain.



STANDARD WATER-COOLED SCOTSMAN ICE MAKERS

NOW

Every Scotsman water-cooled ice machine* can be removed with the closed loop system. Since the ice machine is standard and common parts are used throughout, we give you a number of advantages right from the start.

Installation and service personnel have no new complicated systems to cope with ... everything is familiar:

Parts Plumbing hook-up Electrical circuits Refrigeration system

EFFICIENT — LOWERS UTILITY COSTS

- Removes ice-making heat from inside building, lowers air conditioning costs.
- Cuts city water and sewer costs by dramatic reduction of water use.

ADAPTABILITY — MORE APPLICATIONS

- Stock water-cooled Scotsman icemakers do not require alteration for installation with the Remote Closed Loop System.
- Serve 2 machines — 1 or 2 ice machines in a common location can be hooked up to a single unit, based on compressor HP.
- Unit mounts on roof top or any location higher than ice maker.

SIMPLE DESIGN — HIGHER RELIABILITY

- Revolutionary system eliminates: Receiver for liquid refrigerant Pre-charged refrigerant tubing Head pressure control
- Scotsman "Scotfreeze" — premixed coolant is mixed specifically for your area. **KBLUE** solution for northern climates; **KRED** solution for southern climates. 5 gallon container provides initial filling and back-up supply.

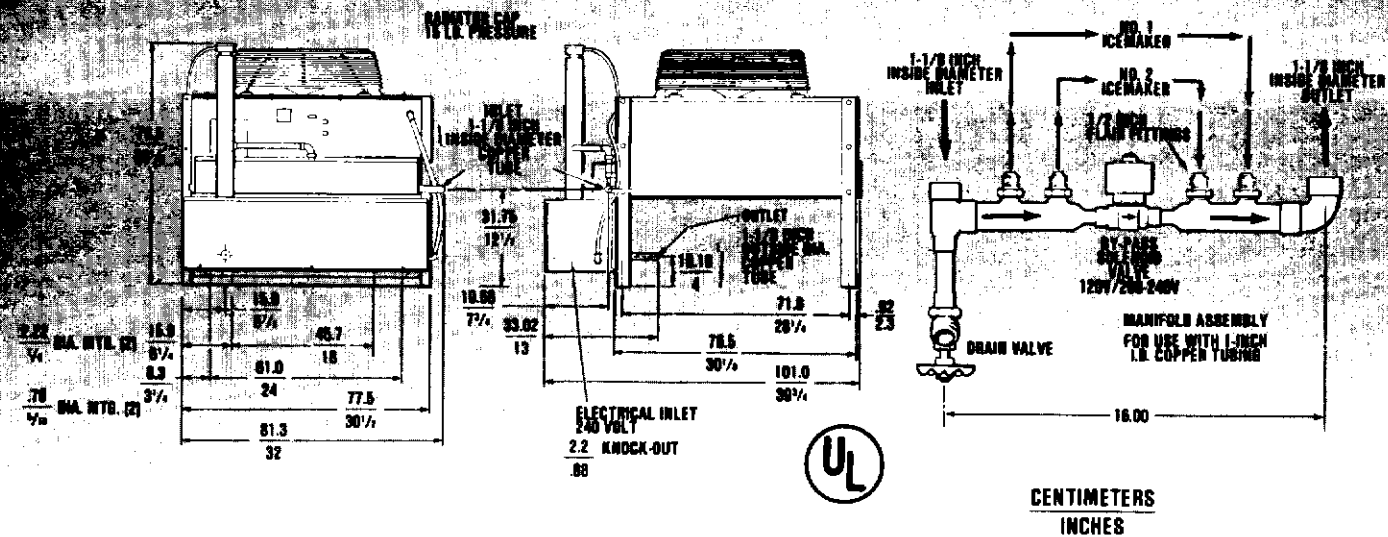
STRONGEST WARRANTY AND SERVICE

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- Directory of Scotsman Distributors and Certified Service Dealers.

* Does not include MF6. Not to be used with R-502 Systems.

RCLS15 and RCLS30 REMOTE CLOSED LOOP SYSTEM



SPECIFICATIONS

Model	Dimensions (H x W x D)	Capacity	Material	Compressor	Pressure	Temp. Range	Weight
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REMOTE CLOSED LOOP SYSTEM FOR USE WITH SCOTSMAN WATER-COOLED ICE MAKERS (R-12 ONLY)

RCLS15-2B	30 1/2 x 32 x 39 1/4	Up to 1 H.P. Total	Galv.	230/60/1	1/5	1/4	2	4.1	15	198/90
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Use with one or two water-cooled ice machines not exceeding 1 compressor H.P. in total.

RCLS30-2B	30 1/2 x 32 x 39 1/4	Up to 2 1/2 H.P. Total	Galv.	230/60/1	1/5	1/4	2	4.1	15	196/89
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Use with one or two water-cooled ice machines not exceeding 2 1/2 compressor H.P. in total.

Note: Kit required when 2 icemakers are installed: Order: **KRCL115** for use with (2) 115 volt ice makers.
Order: **KRCL230** for use with (2) 208/230 volt ice makers.

† Use this value to determine minimum wire size as per National Electric Code Standards.

"SCOTFREEZE" HEAT TRANSFER FLUID

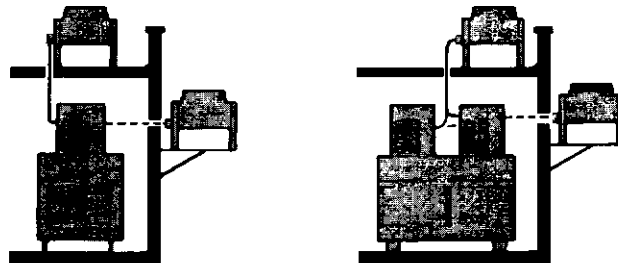
Packaged in 5 gallon containers. Provides normal fill for system — any excess can be saved for future use.

The heat transfer fluid must be selected to prevent freezing at the **LOWEST OUTDOOR TEMPERATURE** that can be expected for the installation location.
THE FOLLOWING HEAT TRANSFER FLUID MUST BE USED FOR PROPER OPERATION AND FREEZE PROTECTION

TEMPERATURE RANGE	HEAT TRANSFER FLUID
+ 10° F	UNDILUTED SCOTFREEZE KRED
- 30° F	UNDILUTED SCOTFREEZE KBLUE

DO NOT DILUTE the coolant. Use KRED or KBLUE full strength.

REMOTE INSTALLATION COMBINATIONS



Remote unit should be installed at same level or above level of machine. Machines hooked to a single unit must be at common location.

Dotted line indicates alternate location for unit.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN[®]

A HOUSEHOLD

INTERNATIONAL COMPANY

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TWX 910-565-2173

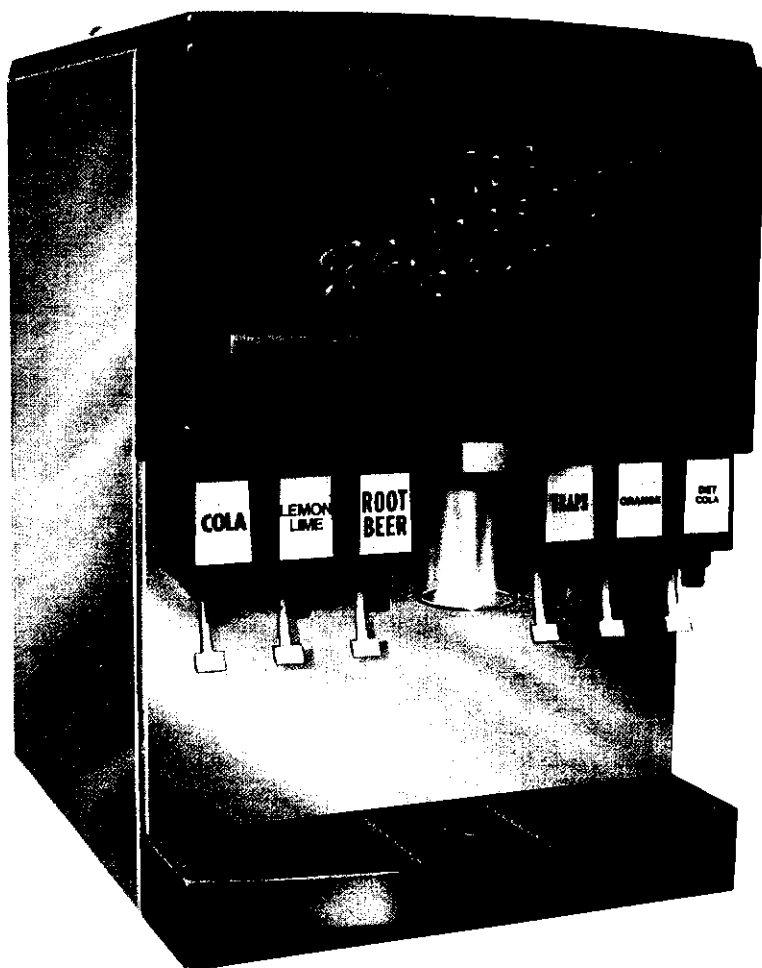
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RS100

Counter Top
Ice/Beverage
Dispenser

SCOTSMAN

C.S.I. FILE NO. 11400



Why are more and more people choosing Scotsman dispensers?

- Over 40 years experience in producing ice making and dispensing equipment.
- State-of-the-art design and manufacturing facilities to meet the demands of the marketplace.
- A nationwide network of certified servicing dealers.
- Coast-to-coast distribution provides immediate availability of equipment and parts.

The RS100 is part of Scotsman's innovative line of counter-top dispensing products – boasting the most comprehensive package of features available in the marketplace today.

ADVANCED PERFORMANCE

- 100 lbs. of ice storage capacity in a 22 inch width.
- Dispenses 100% of ice in storage bin – providing greater "peak period" capacity.
- Off-cycle agitation keeps ice free flowing.
- Superior cooling capacity is obtained by an 11-circuit cold plate with virtually 100% ice coverage.
- Foam-insulated polyethylene bin reduces ice meltage and will not rust.
- Ice that is dispensed never touches cold-plate.
- Key lock for valves is standard.

CUSTOMER FRIENDLY

- Quick and accurate dispensing of ice is achieved by an innovative rotor design.
- Ice dispense level is on the same plane as beverage valves.
- See-through ice chute reduces spillage and "throw-back" – less ice is wasted.
- Accommodates all cup sizes.
- Large sink area reduces potential for ice overflow.

ENHANCED MERCHANDISING VALUE

- Attractive cabinet available in either stainless steel or grey enamel finish.
- Complements point-of-sale environment.
- Curved merchandising panel provides greater visibility – preferred by retailers.

GREAT FLEXIBILITY

- Accommodates all major cube and nugget ice forms.
- Accepts top-mounted modular cube or nugget ice maker.
- Available in both push-button and lever-actuated models.
- Front panel comes in standard or lighted versions.
- Can be customized for specific brands.

EASY TO SERVICE

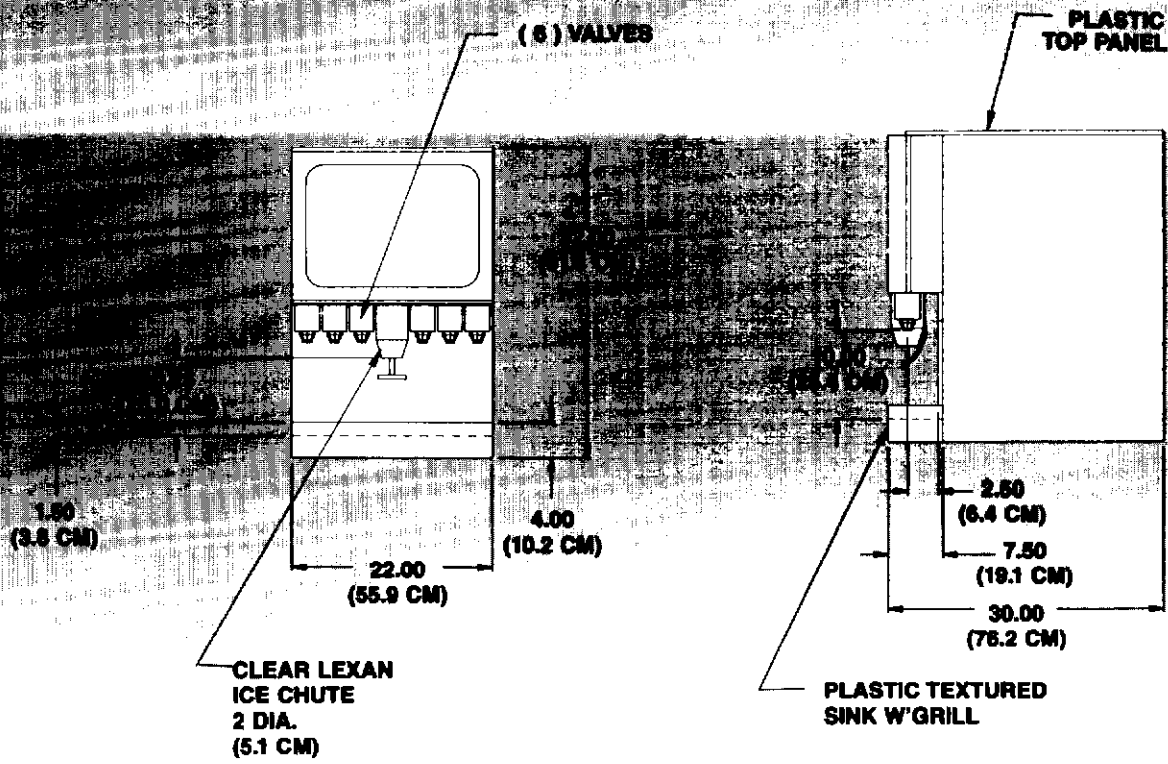
- Major components accessible from the front.
- All splash-zone components are made from durable materials to make cleaning easy.
- Special door allows access to bin when utilizing modular cuber.

WARRANTY

See dealer for details of limited warranty.

- 24 month parts warranty.
- 12 month factory labor coverage.
- Directory of certified service dealers.

RS100 COUNTER TOP ICE/BEVERAGE DISPENSER



SPECIFICATIONS*

Dimensions:	22" w x 30" d x 32" h
Ice Storage:	100 lbs.
Electrical:	115/60/1
Amperage:	2 amp
Motor:	1/10 HP
Drain Connection:	3/4" FPT
Electrical Cord:	Grounded plug, 6' long
Shipping Weight:	250 lbs.

VALVE COMPATABILITY

Accepts either standard or fast-flow valves from the following manufacturers:

- Booth
- Cornelius
- Dole
- McCann

OPTIONAL FEATURES:

- Lighted merchandising panel
- 4" leg kit
- Fast-flow electronic carbonator (100 g.p.h.)
- Push-button actuation (factory installed)

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN®

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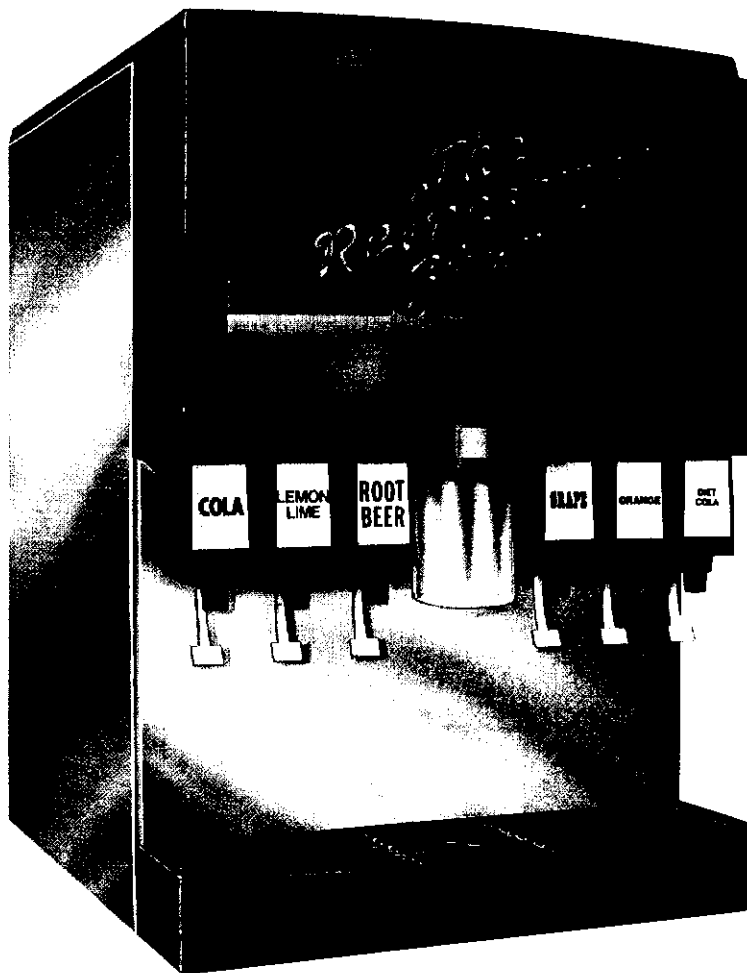
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RS150

Counter Top
Ice/Beverage
Dispenser

SCOTSMAN

C.S.I. FILE NO. 11400



Why are more and more people choosing Scotsman dispensers?

- Over 40 years experience in producing ice making and dispensing equipment.
- State-of-the-art design and manufacturing facilities to meet the demands of the marketplace.
- A nationwide network of certified servicing dealers.
- Coast-to-coast distribution provides immediate availability of equipment and parts.

The RS150 is part of Scotsman's innovative line of counter-top dispensing products – boasting the most comprehensive package of features available in the marketplace today.

ADVANCED PERFORMANCE

- 150 lbs. of ice storage capacity in a 30 inch width.
- Dispenses 100% of ice in storage bin – providing greater "peak period" capacity.
- Off-cycle agitation keeps ice free flowing.
- Superior cooling capacity is obtained by an 11-circuit cold plate with virtually 100% ice coverage.
- Foam-insulated polyethylene bin reduces ice meltage and will not rust.
- Ice that is dispensed never touches cold-plate.
- Key lock for valves is standard.

CUSTOMER FRIENDLY

- Quick and accurate dispensing of ice is achieved by an innovative rotor design.
- Ice dispense level is on the same plane as beverage valves.
- See-through ice chute reduces spillage and "throw-back" – less ice is wasted.
- Accommodates all cup sizes.
- Large sink area reduces potential for ice overflow.

ENHANCED MERCHANDISING VALUE

- Attractive cabinet available in either stainless steel or grey enamel finish.
- Complements point-of-sale environment.
- Curved merchandising panel provides greater visibility – preferred by retailers.

GREAT FLEXIBILITY

- Accommodates all major cube and nugget ice forms.
- Accepts top-mounted modular cube or nugget ice maker.
- Available in both push-button and lever-actuated models.
- Front panel comes in standard or lighted versions.
- Can be customized for specific brands.

EASY TO SERVICE

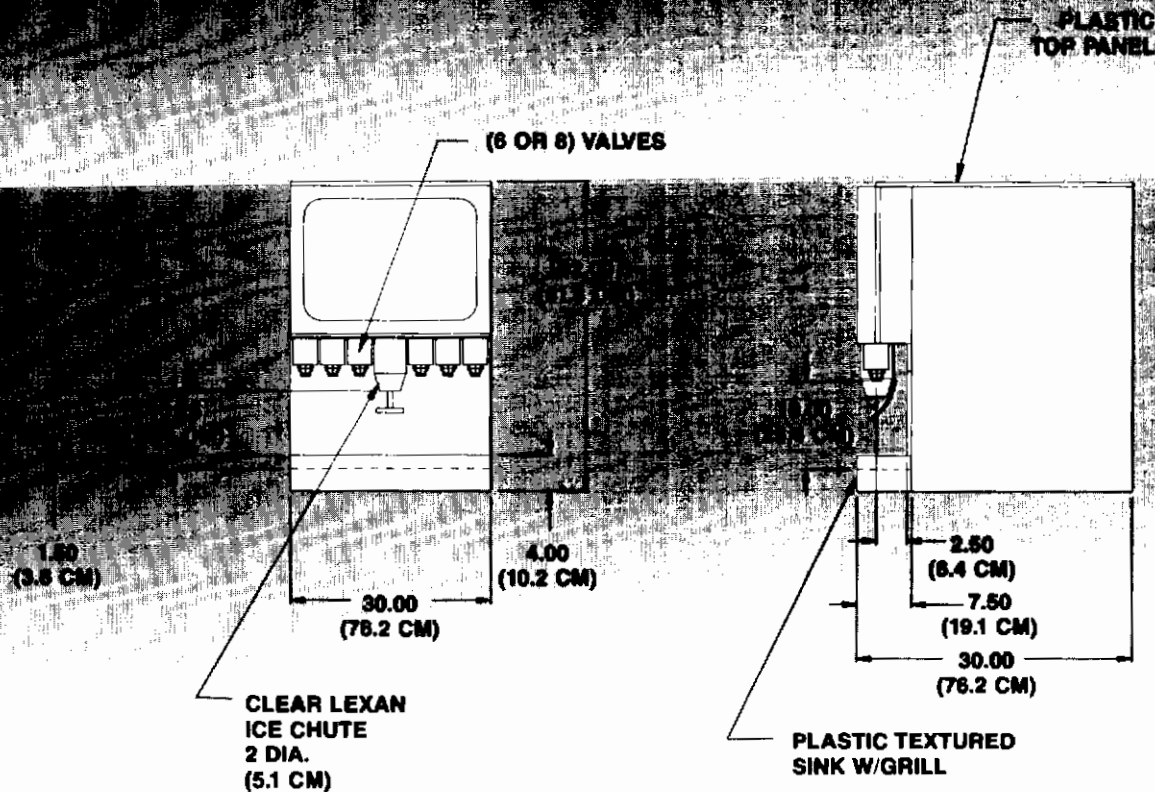
- Major components accessible from the front.
- All splash-zone components are made from durable materials to make cleaning easy.
- Special door allows access to bin when utilizing modular cuber.

WARRANTY

See dealer for details of limited warranty.

- 24 month parts warranty.
- 12 month factory labor coverage.
- Directory of certified service dealers.

RS150 COUNTER TOP ICE/BEVERAGE DISPENSER



SPECIFICATIONS*

Dimensions:	30" w x 30" d x 32" h
Ice Storage:	150 lbs.
Electrical:	115/60/1
Amperage:	2 amp
Motor:	1/10 HP
Drain Connection:	3/4" FPT
Electrical Cord:	Grounded plug, 6' long
Shipping Weight:	260 lbs.

OPTIONAL FEATURES:

- Lighted merchandising panel.
- 4" leg kit.
- Fast-flow electronic carbonator (100 g.p.h.).
- Push-button actuation (factory installed).

VALVE COMPATABILITY

Accepts either standard or fast-flow valves from the following manufacturers:

- Booth
- Cornelius
- Dole
- McCann

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN®

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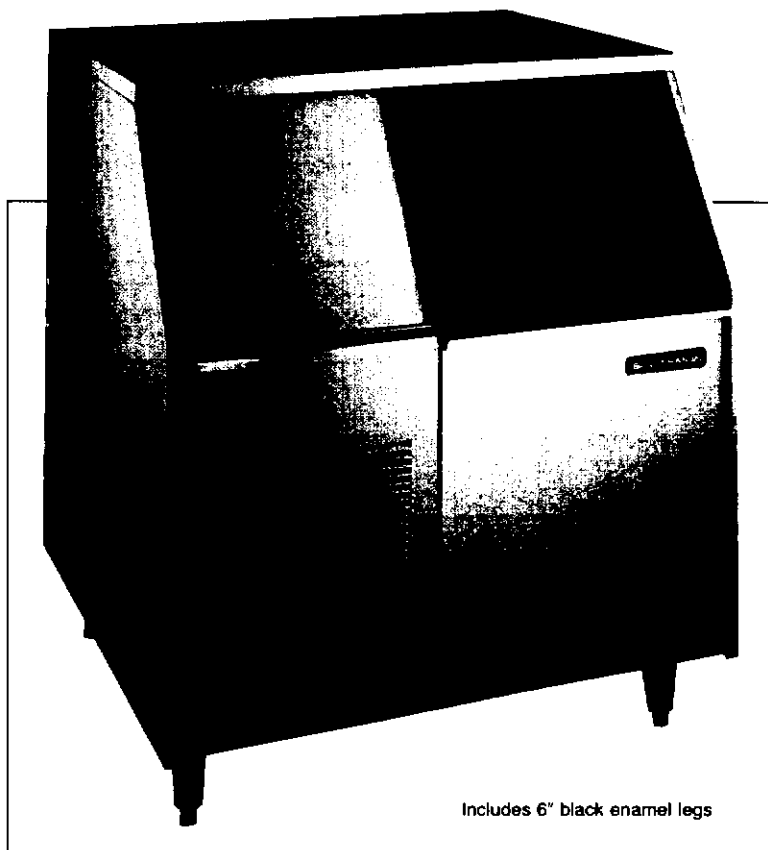
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NS650

Nugget Ice
Machine

SCOTSMAN

C.S.I. FILE NO. 11400



Includes 6" black enamel legs

The NS650 represents a totally new concept in the manufacture of the already popular Scotsman Nugget Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous icemaking, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.
- Foam insulated, rotocast bin minimizes ice meltage.

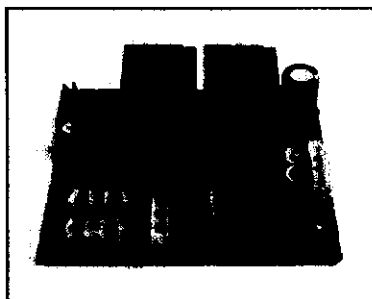
LOWER SERVICE COSTS

- Installation is made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.
- Slide out chasis provides access to working parts for fast, economical service.

WARRANTY PROTECTION

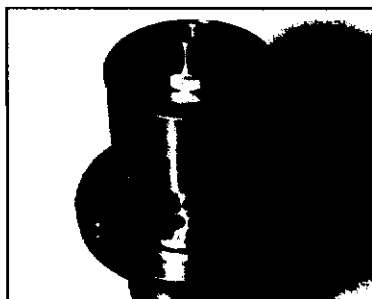
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.



CIRCUIT BOARD

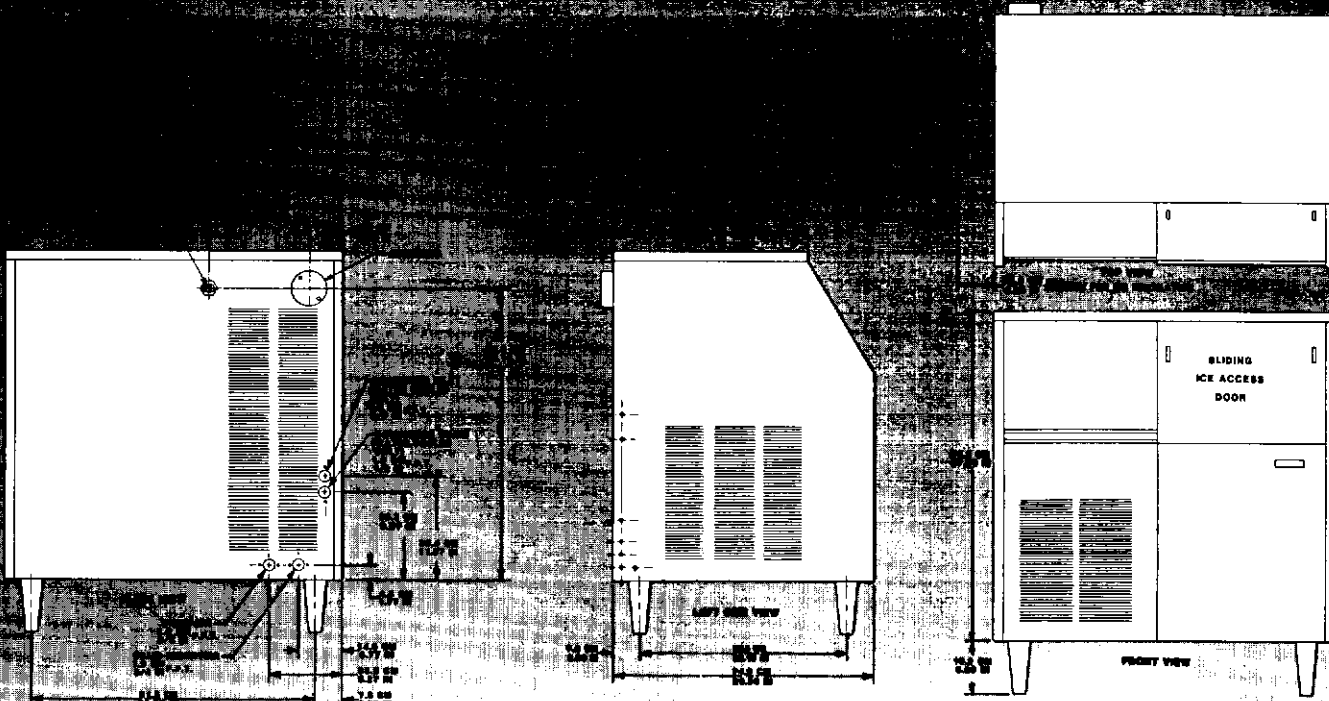
NS650's electronic circuit board ensures reliable operation.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

NS650 NUGGET ICE MACHINE WITH STORAGE BIN



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model	Dimensions (H x W x D)	Weight (Lbs./Kg)	Capacity (Lbs./Kg)	Water Temp	Finish	Refrigerant	Compressor	Condenser	Evaporator	Ice Production (Lbs./Kg)	Ice Storage (Lbs./Kg)
NS650AE-1A	38 1/8 x 29 1/2 x 39 1/8	690/313	255/116	Air	ES	115/60/1	3/4	2	25	35	342/155
NS650WE-1A	38 1/8 x 29 1/2 x 39 1/8	710/322	255/116	Water	ES	115/60/1	3/4	2	20	30	342/155

- * Typical ice production in lbs./kg. of ice per 24 hours at 70° air and 50° water.
- ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
- *** Use this value to determine minimum wire size as per National Electric Code Standards.

TYPICAL ICE MAKING CAPACITY PER 24 HOURS

NS650 AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
70°	690	630	580		lbs.
90°	620	560	510		lbs.
100°	570	510	460		lbs.

NS650 WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
70°	710	610	540		lbs.
90°	670	580	520		lbs.
100°	660	570	510		lbs.

Capacities represent typical production. Variances of ± 5% are normal.

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
Air Temperatures	50° F (10.0° C)	100° F (37.7° C)
Water Temperatures	40° F (4.4° C)	100° F (37.7° C)
Water Pressures	20 PSIG	120 PSIG
Electrical Voltage	- 10%	+ 10%

Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage. See Dealer for details of Limited Warranty.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKNS650 contains stainless steel panels for top and 4 sides. Grey molded ABS door. Not factory installed.

OPTIONAL LEG KIT:

KLP2S: Nickel plated, brushed metal finish with adjustable foot. Recommended with stainless steel cabinet.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubuers, flakers, drink dispensers, bins and accessories.

SCOTSMAN®

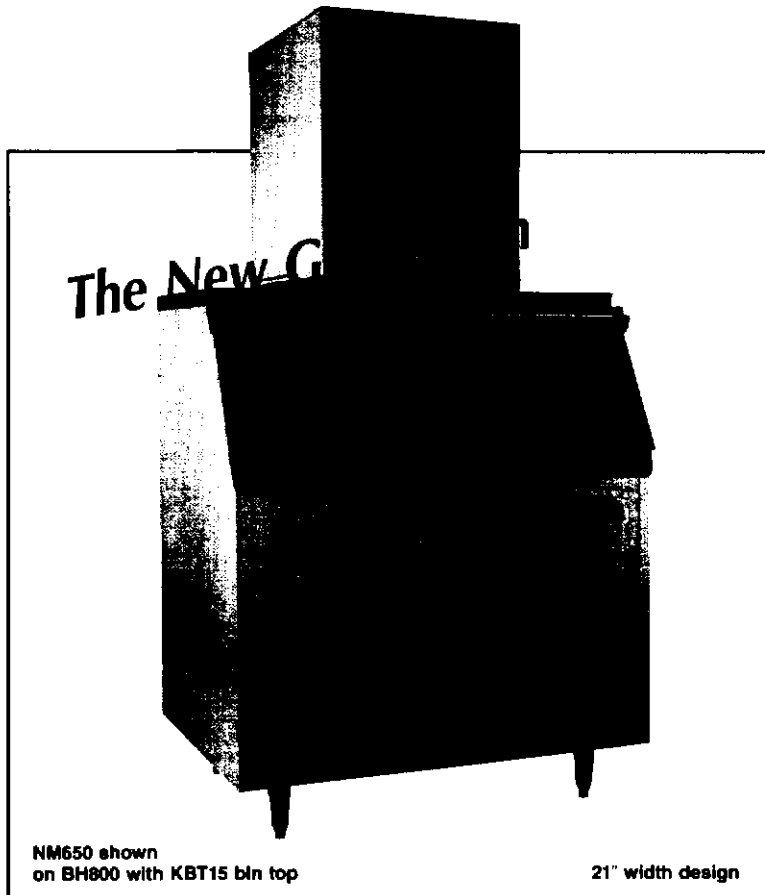
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FAX (708) 913-9844

NM650

Modular Nugget
Ice Machine

SCOTSMAN

C.S.I. FILE NO. 11400



The NM650 represents a totally new concept in the manufacture of the already popular Scotsman Nugget Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous ice making, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation is made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.

WARRANTY PROTECTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



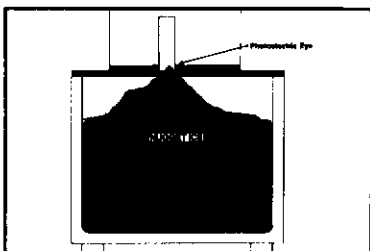
NUGGET ICE

Versatile, inexpensive to produce, used in carbonated beverages and salad bars.



CIRCUIT BOARD

NM650's electronic circuit board ensures reliable operation.



PHOTOELECTRIC EYE

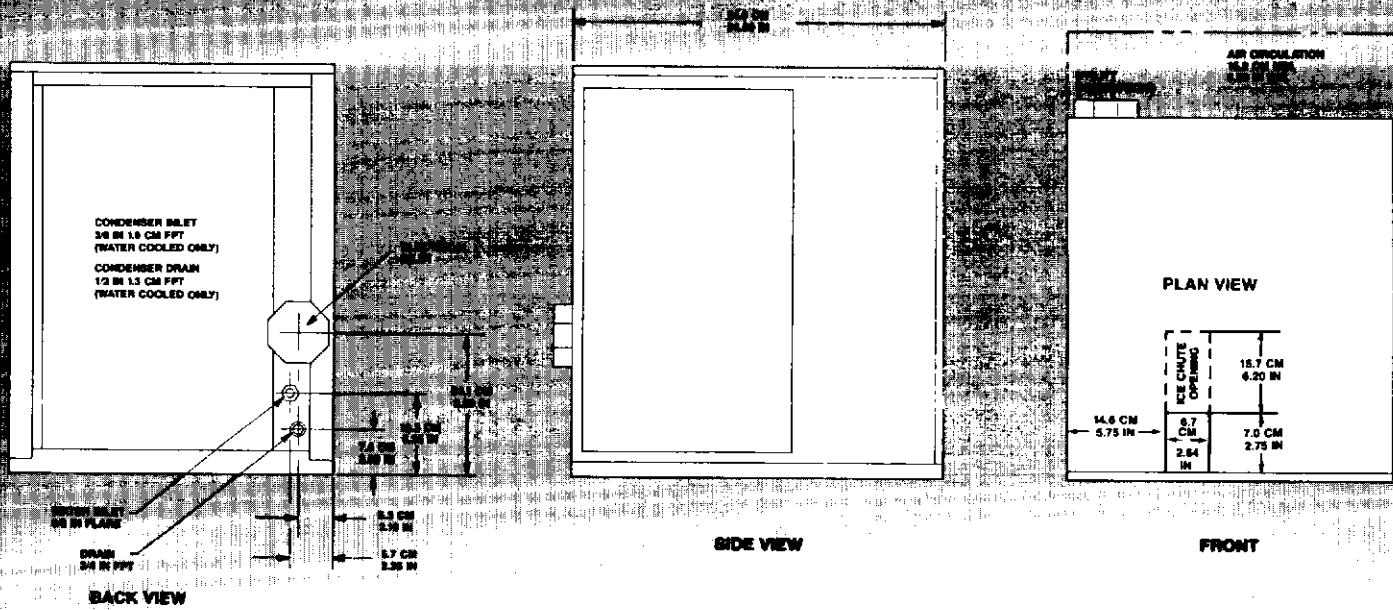
For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

NM650 MODULAR NUGGET ICE MACHINE



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model	Dimensions (HxWxD)	Ice Prod. Cap. (24 Hrs. @ 70°/50°)	Control	Finish	Power (V/Hz)	Current (A)	Weight (Lbs.)	Weight (Kg.)	Warranty (Yr.)	Service (Hrs.)
NM650AE-1A	27x21x24	700/318	Air	ES	115/60/1	3/4	2	20.7	35	278/126
NM650WE-1A	27x21x24	745/338	Water	ES	115/60/1	3/4	2	16.8	30	278/126

This product qualifies for the following listings:



- * Typical ice production in lbs./kg of ice per 24 hours at 70° air and 50° water.
- ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
- *** Use this valve to determine minimum wire size as per National Electric Code Standards.

TYPICAL ICE MAKING CAPACITY PER 24 HOURS

NM650A AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	50°	70°	90°	
70°	700	620	565	lbs.
90°	595	520	465	lbs.
100°	530	470	430	lbs.

NM650W WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	50°	70°	90°	
70°	745	610	525	lbs.
90°	725	605	520	lbs.
100°	705	600	505	lbs.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

OPTIONAL STORAGE BINS:

HTB500, BH550 with KBT14 Bin Top, BH800 with Bin Top KBT15, BH1000 with Bin Top KBT16, and B90 and extensions with KBT18 Bin Top. BH1000 allows two units side by side.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKFM21: Contains top, front, two end and service panels. Not factory installed.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



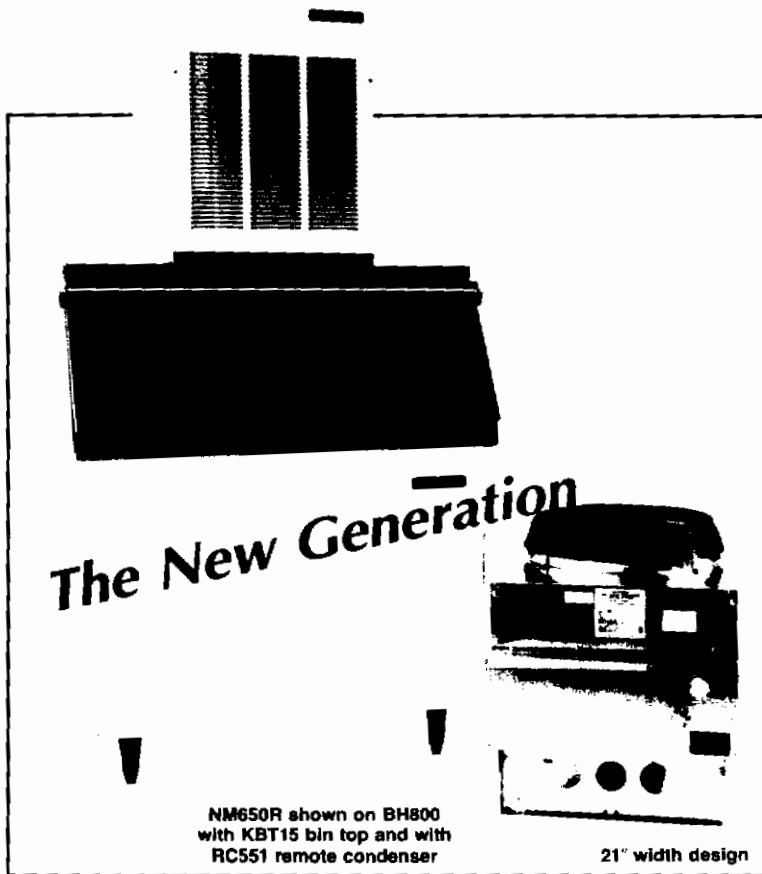
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NM650R

Modular Nugget Ice Machine with Remote Condenser

SCOTSMAN

C.S.I. FILE NO. 11400



The NM650R represents a totally new concept in the manufacture of the already popular Scotsman Nugget Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous ice making, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.

REMOTE CONDENSER

Heat removed during icemaking is carried to the remote condenser directly by refrigerant. There the heat is transferred to the outdoor air, and the refrigerant returns to the icemaker.

- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot precharged refrigerant line with easy to install quick connect couplings.

WARRANTY PROTECTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



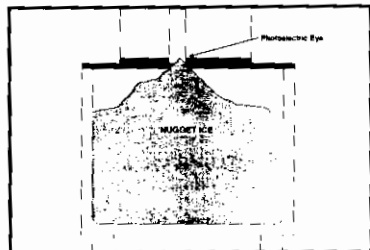
NUGGET ICE

Versatile, inexpensive to produce, used in carbonated beverages and salad bars.



CIRCUIT BOARD

NM650R's electronic circuit board ensures reliable operation.



PHOTOELECTRIC EYE

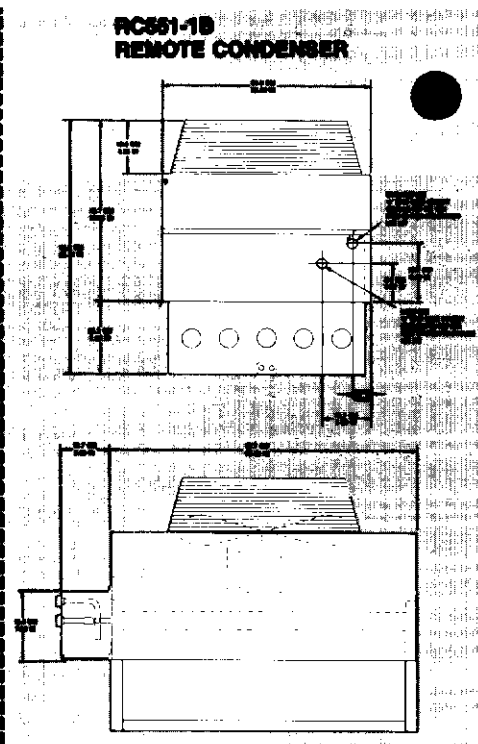
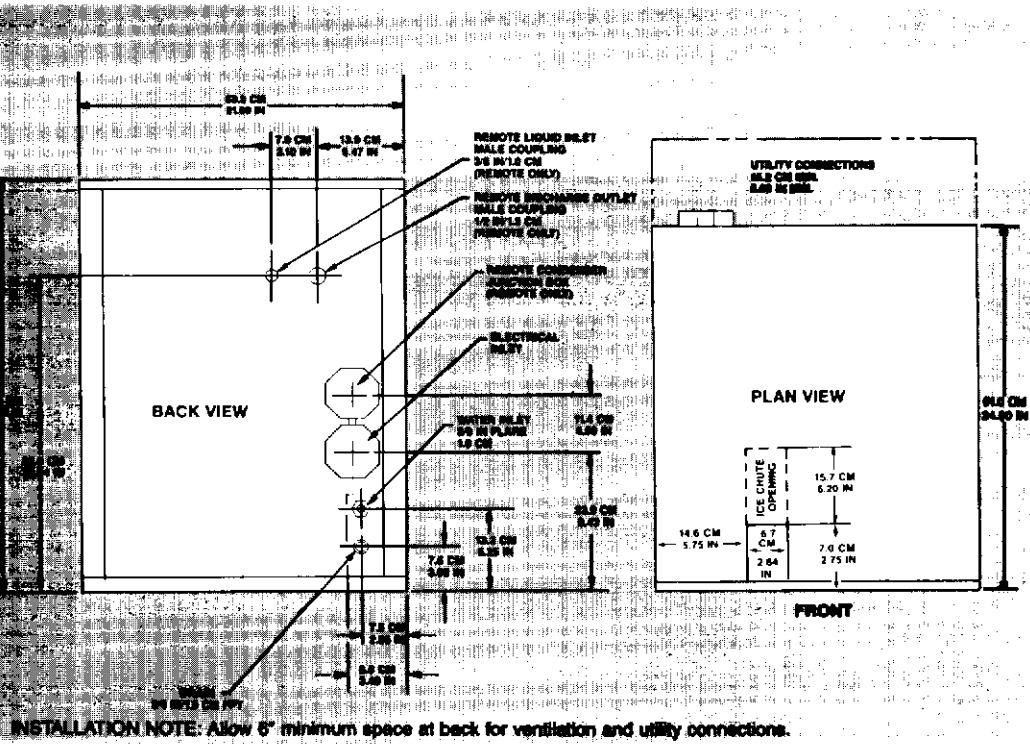
For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

NM650R MODULAR NUGGET ICE MACHINE WITH REMOTE CONDENSER



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model Number	Dimensions H x W x D	Ice Prod. Cap. 24 Hrs. Lbs./Kg.*	Cond. Unit	Finish**	Stats Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity***	Max. Fuse Size	Ship. Wt. Lbs./Kg.
NM650RE-1A	27 x 21 x 24	615/279	R-Air	ES	115/60/1	3/4	2	22.5	35	228/103

This product qualifies for the following listings:



REMOTE CONDENSER FOR USE WITH 1 NM650R

RC551-1B	27 1/8 x 22 x 37 1/8	—	Air	Galv.	115/60/1	—	—	4.1†	—	84/38
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* Typical ice production in lbs./kg. of ice per 24 hours at 70° air and 50° water.
 ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
 *** Use this value to determine minimum wire size as per National Electric Code Standards.
 † This value is included in main ampacity for ice machine.

ICE MAKING CAPACITY PER 24 HOURS

		AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	0	70	55	615 LBS. 279 KG.
	C°	-17.8	21.1	12.8	
NORMAL TEMPERATURE	F°	90	90	70	560 LBS. 254 KG.
	C°	32.2	32.2	21.1	
HIGH TEMPERATURE	F°	110	90	80	480 LBS. 218 KG.
	C°	49.3	32.2	26.7	

Capacities represent typical production, variances of ±5% are normal.

OPTIONAL PRE-CHARGED REFRIGERANT TUBE KITS:

RT625: 25 foot pre-charged tubing with connectors — R502.

RT640: 40 foot pre-charged tubing with connectors — R502.

OPTIONAL STORAGE BINS: HTB500 or BH550 with KBT14 bin top, BH800 with KBT15 bin top, BH1000 with KBT16 bin top, and B90 and extensions with KBT18 bin top. BH1000 allows two units side by side.

OPTIONAL STAINLESS STEEL PANEL KIT: SPKFM21: Contains top, front, two end and service panels. Not factory installed.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



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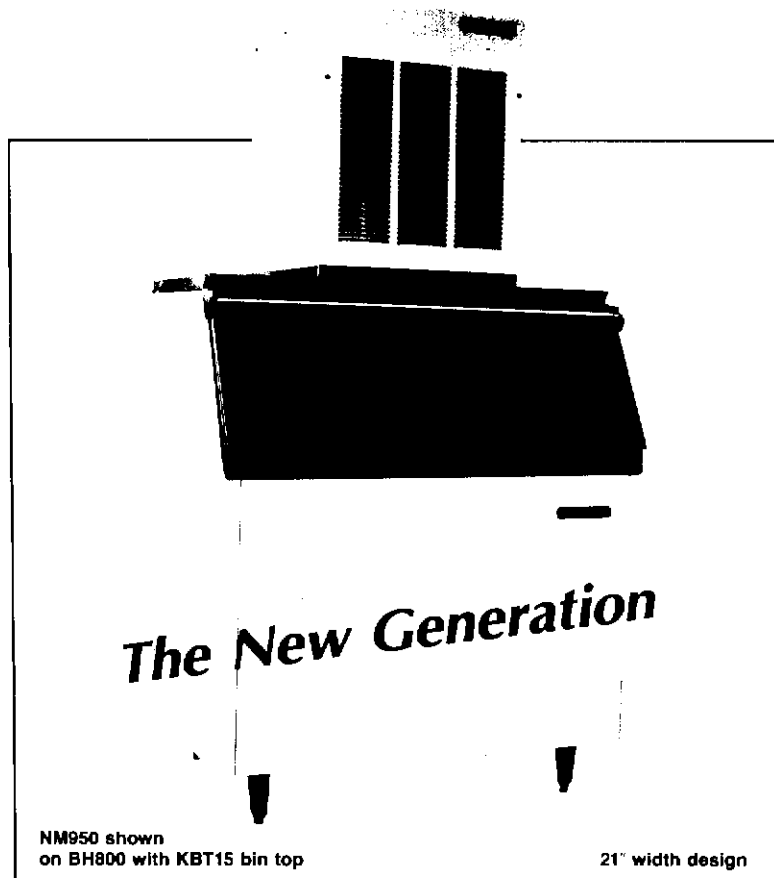
Printed in USA
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NM950

Modular Nugget
Ice Machine

SCOTSMAN

C.S.I. FILE NO. 11400



The NM950 represents a totally new concept in the manufacture of the already popular Scotsman Nugget Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous ice making, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation is made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.

WARRANTY PROTECTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



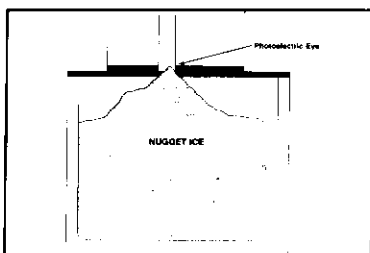
NUGGET ICE

Versatile, inexpensive to produce, used in carbonated beverages and salad bars.



CIRCUIT BOARD

NM950's electronic circuit board ensures reliable operation.



PHOTOELECTRIC EYE

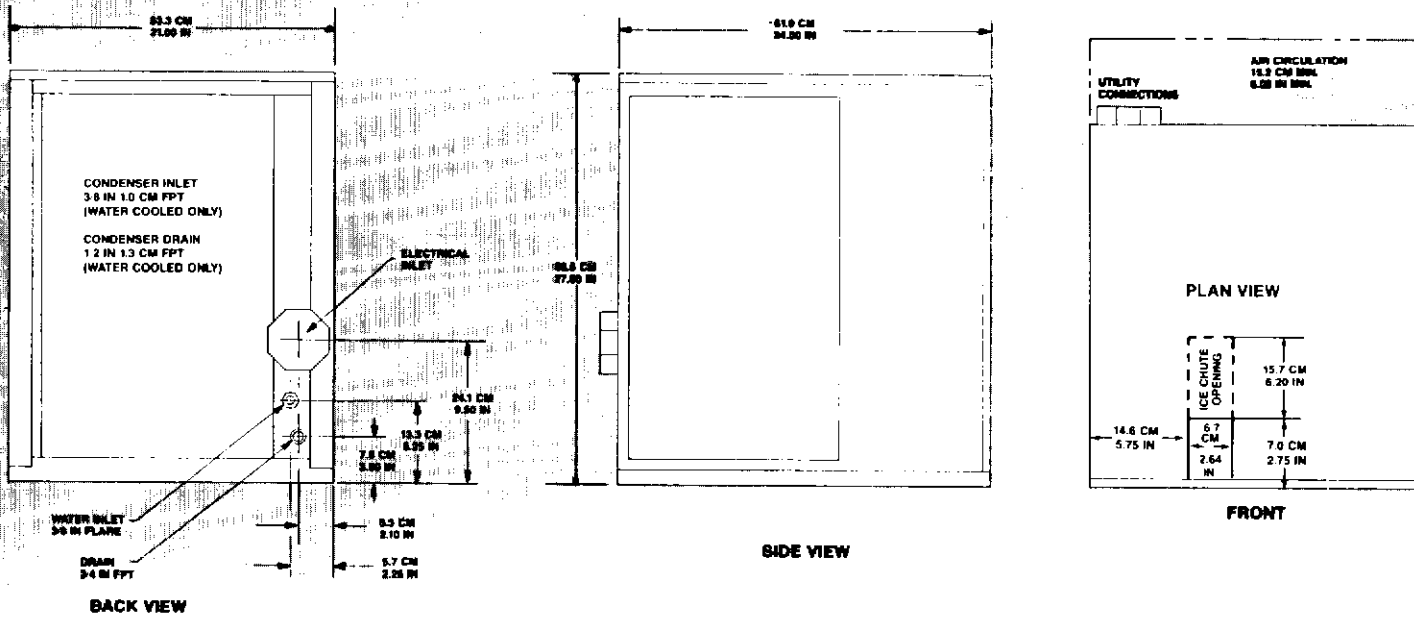
For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

NM950 MODULAR NUGGET ICE MACHINE



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model Number	(Height - w/o Bins) Dimensions H" x W" x D"	Ice Prod. Cap. 24 Hrs. lbs./kg*	Cond. Unit	Finish**	Basic Electrical	Comp. H.R.	No. of Wires	Min. Circuit Ampacity***	Max. Fuse Size	Ship. Wt. lbs./kg.
NM950AE-32A	27 x 21 x 24	1080/490	Air	ES	208-230/60/1	1.5	2	14.6	20	230/104
NM950AE-3A	27 x 21 x 24	1080/490	Air	ES	208-230/60/3	1.5	3	13.4	20	230/104
NM950WE-32A	27 x 21 x 24	1100/499	Water	ES	208-230/60/1	1.5	2	14.0	20	230/104
NM950WE-3A	27 x 21 x 24	1100/499	Water	ES	208-230/60/3	1.5	3	12.9	20	230/104

- * Typical ice production in lbs./kg of ice per 24 hours at 70° air and 50° water.
- ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
- *** Use this value to determine minimum wire size as per National Electric Code Standards.

TYPICAL ICE MAKING CAPACITY PER 24 HOURS

NM950A AIR-COOLED WATER TEMPERATURE		AIR TEMPERATURE			
F°	50°	70°	90°		
C°	10°	21°	32°		
70°	1080	935	805	lbs.	
21°	490	424	365	kg.	
90°	910	780	690	lbs.	
32°	410	354	313	kg.	
100°	830	715	625	lbs.	
38°	376	324	284	kg.	

NM950W WATER-COOLED WATER TEMPERATURE		AIR TEMPERATURE			
F°	50°	70°	90°		
C°	10°	21°	32°		
70°	1100	935	820	lbs.	
21°	499	424	372	kg.	
90°	1070	925	805	lbs.	
32°	485	420	365	kg.	
100°	1035	890	775	lbs.	
38°	468	404	352	kg.	

Capacities represent typical production. Variances of ±5% are normal.

OPTIONAL STORAGE BINS:

HTB500, BH550 with KBT14 Bin Top, BH800 with Bin Top KBT15, BH1000 with Bin Top KBT16, and B90 and extensions with KBT18 Bin Top. BH1000 allows two units side by side.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKFM21: Contains top, front, two end and service panels. Not factory installed.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

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FAX (312) 913-9844

This product qualifies for the following listings:



IMPORTANT OPERATING REQUIREMENTS:

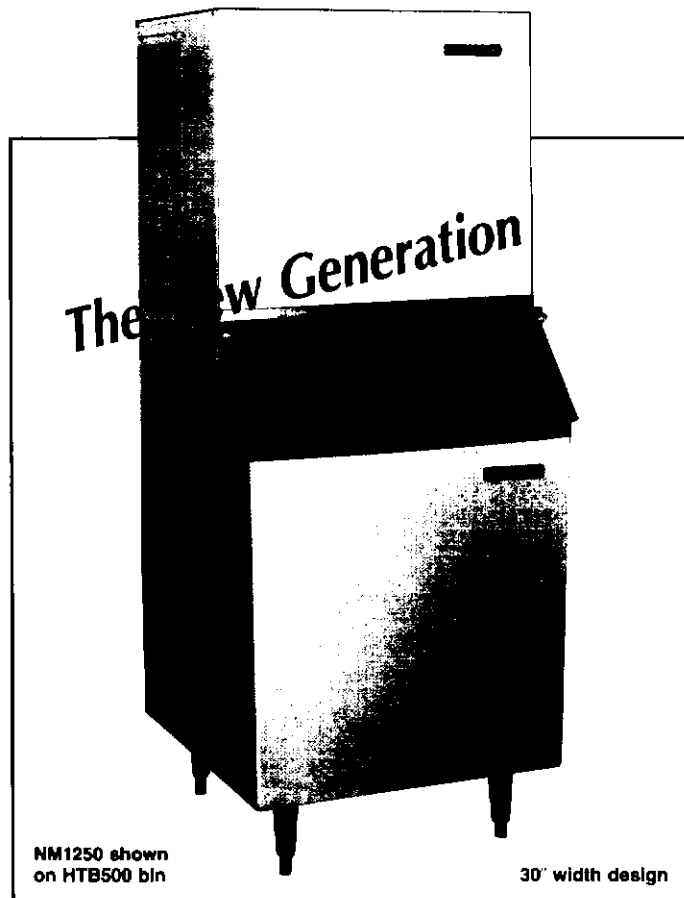
Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

NM1250 Modular Nugget Ice Machine

SCOTSMAN

C.S.I. FILE NO. 11400



The NM1250 represents a totally new concept in the manufacture of the already popular Scotsman Nugget Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous ice making, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation is made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.
- Later, if more ice is needed, another unit may be stacked on top.

WARRANTY PROTECTION

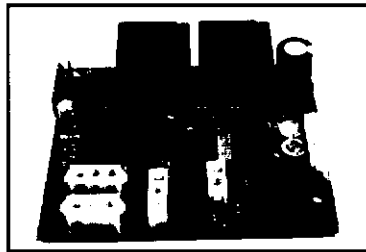
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



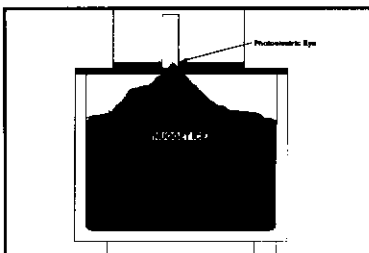
NUGGET ICE

Versatile, inexpensive to produce, used in carbonated beverages and salad bars.



CIRCUIT BOARD

NM1250's electronic circuit board ensures reliable operation.



PHOTOELECTRIC EYE

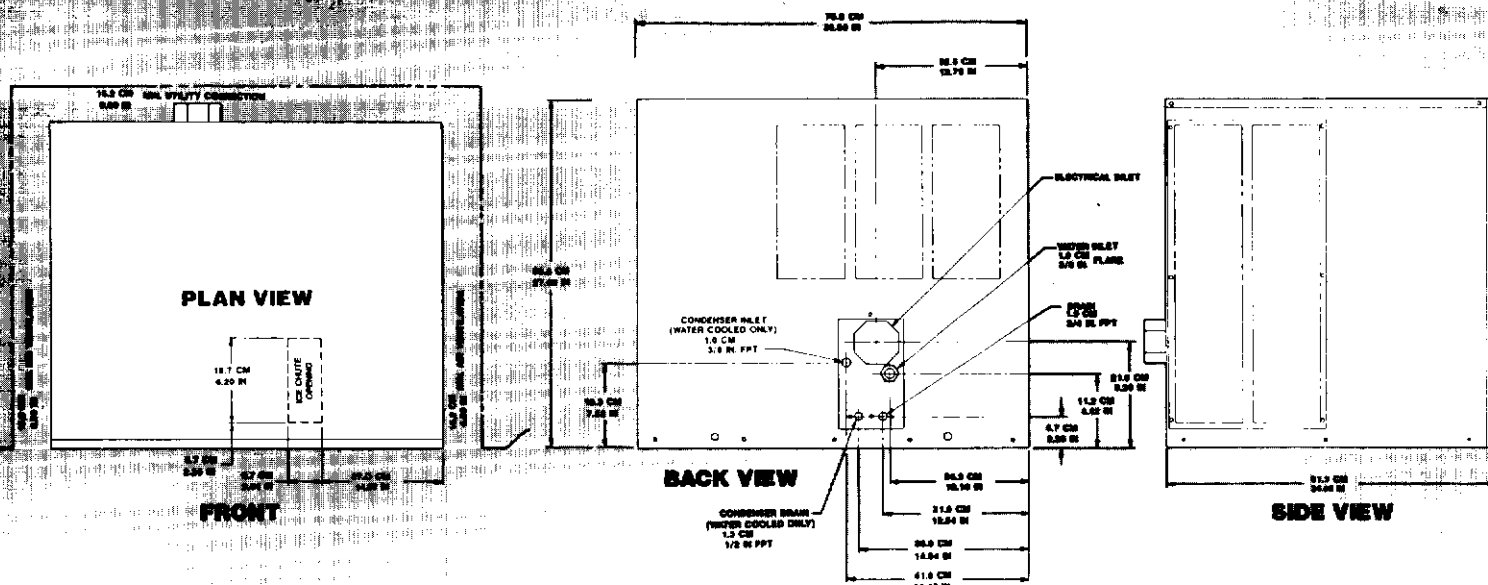
For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

NM1250 MODULAR NUGGET ICE MACHINE



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:

SPECIFICATIONS

Model Number	Dimensions (HxWxD)	Ice Prod. (lb./kg) per 24 Hrs.	Cond. Unit	Finish	Basic Electrical	Comp. N.P.	No. of Wires	Min. Circuit Ampacity***	Max. Fuse Size	Ship. Wt. (lb./kg.)
NM1250AE-32A	27x30x24	1220/553	Air	ES	208-230/60/1	1 3/4	2	9.8	20	n/a
NM1250AE-3A	27x30x24	1220/553	Air	ES	208-230/60/3	1 3/4	3	7.7	20	n/a
NM1250WE-32A	27x30x24	1345/610	Water	ES	208-230/60/1	1 3/4	2	9.0	20	n/a
NM1250WE-3A	27x30x24	1345/610	Water	ES	208-230/60/3	1 3/4	3	7.2	20	n/a

- * Typical ice production in lbs./kg of ice per 24 hours at 70° air and 50° water.
- ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
- *** Use this valve to determine minimum wire size as per National Electric Code Standards.



TYPICAL ICE MAKING CAPACITY PER 24 HOURS

NM1250A AIR-COOLED WATER TEMPERATURE

NM1250W WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	21°	1220	1065	945	lbs.
		553	480	430	kg.
90°	32°	1070	945	850	lbs.
		485	430	385	kg.
100°	38°	1010	875	785	lbs.
		458	397	355	kg.

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	21°	1345	1140	1025	lbs.
		610	517	465	kg.
90°	32°	1310	1110	1000	lbs.
		594	503	454	kg.
100°	38°	1270	1075	965	lbs.
		576	488	438	kg.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

- OPTIONAL STORAGE BINS:** HTB500, BH550, BH800 with KBT15 bin top, BH1000 with KBT16 bin top and B90 with KBT18 bin top.
- OPTIONAL STAINLESS STEEL PANEL KIT:** SPKCMD-1: Contains top, front, two end and service panels. Not factory installed.
- OPTIONAL STACKING KIT:** KSNM30 used when stacking two NM1250's.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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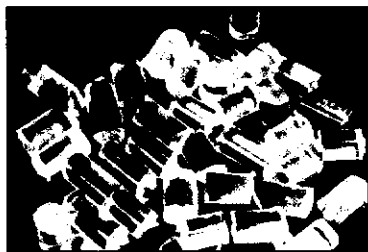
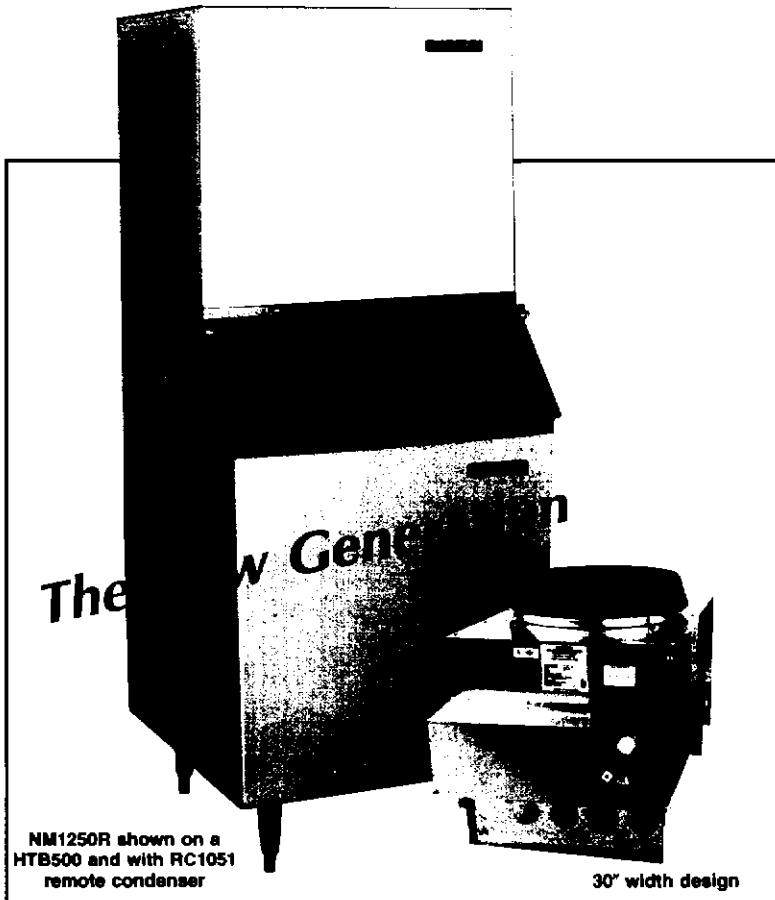
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NM1250R

Modular Nugget
Ice Machine with
Remote Condenser

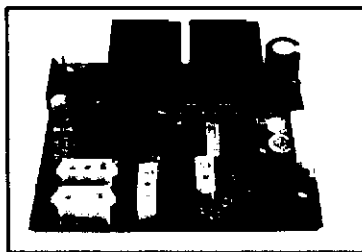
SCOTSMAN

C.S.I. FILE NO. 11400



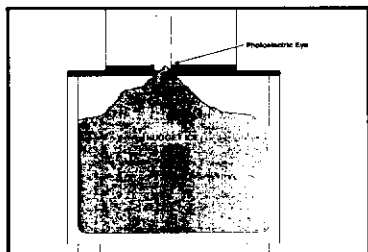
NUGGET ICE

Versatile, inexpensive to produce, used in carbonated beverages and salad bars.



CIRCUIT BOARD

NM1250R's electronic circuit board ensures reliable operation.



PHOTOELECTRIC EYE

For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

The NM1250R represents a totally new concept in the manufacture of the already popular Scotman Nugget Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous ice making, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.
- Later, if more ice is needed, another unit may be stacked on top.

REMOTE CONDENSER

Heat removed during icemaking is carried to the remote condenser directly by refrigerant. There the heat is transferred to the outdoor air, and the refrigerant returns to the icemaker.

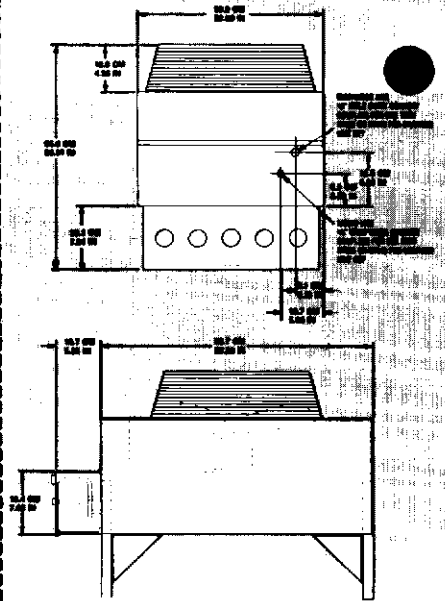
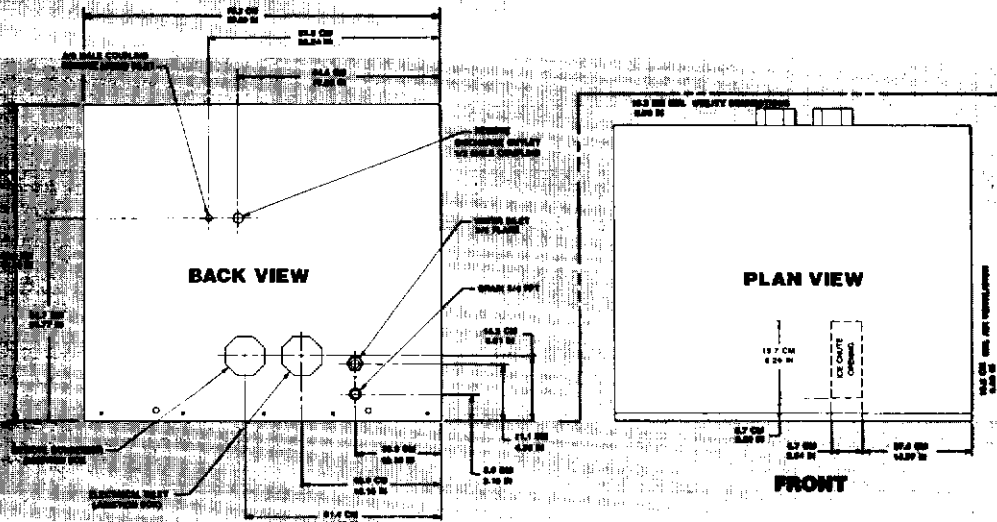
- Choose either single or double unit condenser.
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot precharged refrigerant line with easy to install quick connect couplings.

WARRANTY PROTECTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.

NM1250R MODULAR NUGGET ICE MACHINE WITH REMOTE CONDENSER



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Ice Prod. Cap. 24 Hrs. lbs./kg.	Cond. Unit	Finish**	Shade Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity**	Max. Fuse Size	Ship. Wt. lbs./kg.
NM1250RE-32A	27 x 30 x 24	1100/499	R-Air	ES	208-230/60/1	1/4	3	9.5	20	275/125
NM1250RE-3A	27 x 30 x 24	1100/499	R-Air	ES	208-230/60/3	1/4	2	10.6	20	275/125

REMOTE CONDENSERS FOR NM1250R

use with:

RC1051-32A	27 ¹³ / ₁₆ x 22 x 37 ¹³ / ₁₆	1 NM1250R	Air	Galv.	208-230/60/1	—	—	2†	—	84/38
RC1052-32A	27 ¹³ / ₁₆ x 22 x 37 ¹³ / ₁₆	1 or 2 NM1250R	Air	Galv.	208-230/60/1	—	—	2†	—	84/38

* Typical ice production in lbs./kg. of ice per 24 hours at 70° air and 50° water.

** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.

*** Use this value to determine minimum wire size as per National Electric Code Standards.

† Included with minimum circuit ampacity for icemaker. Use this value to determine wire size between icemaker and fan motor.

Fan relay kit KCMR230 required when connecting two NM1250's to one RC1052-32A.

ICE MAKING CAPACITY PER 24 HOURS

		AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	0	70	55	1100 LBS. 499 KG.
	C°	-17.8	21.1	12.8	
NORMAL TEMPERATURE	F°	90	90	70	1005 LBS. 456 KG.
	C°	32.2	32.2	21.1	
HIGH TEMPERATURE	F°	110	90	80	665 LBS. 303 KG.
	C°	49.3	32.2	26.7	

Capacities represent typical production, variances of ±5% are normal.

OPTIONAL PRE-CHARGED REFRIGERANT TUBE KITS:

RT625: 25 foot pre-charged tubing with connectors — R502.

RT640: 40 foot pre-charged tubing with connectors — R502.

OPTIONAL STORAGE BINS: HTB500, BH550, BH800 with KBT15 bin top, BH1000 with KBT16 bin top and B90 with KBT18 bin top.

OPTIONAL STAINLESS STEEL PANEL KIT: SPKCMD-1: Contains top, front, two end and service panels. Not factory installed.

OPTIONAL STACKING KIT: KSNM30 used when stacking two NM1250's.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

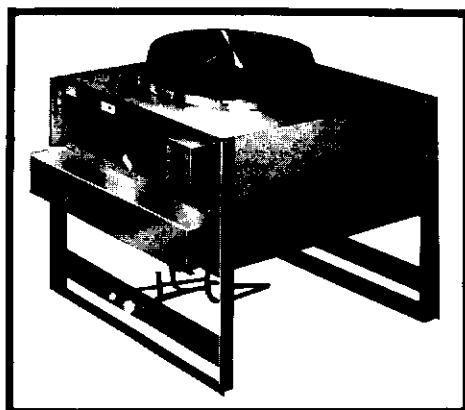
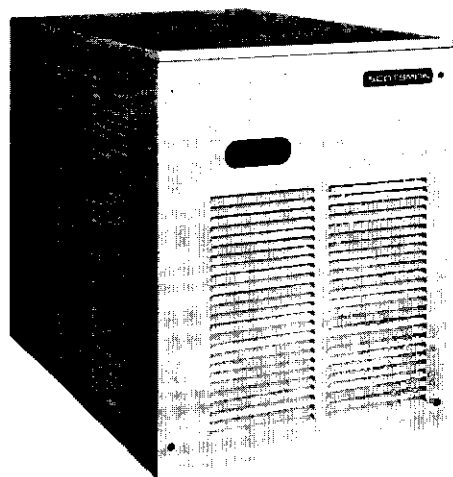
We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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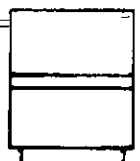
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SCOTSMAN
COMMERCIAL ICE SYSTEMS

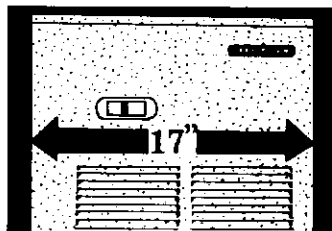


**TAKES THE HEAT OUT
OF ICEMAKING**

- Removes heat from work areas.
- Relieves burden on air conditioning
- Greatly reduces energy use.
- Reduces noise.



NEW HARD "ICE NUGGETS"
"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets scoop easily. Ideal for salad bars, iced displays and beverages.



COMPACT 17 INCH WIDTH
Ideal for problem installations where space limitations preclude standard installations on top of bin.

MH750R

Ice Nugget Modular Cuber with Remote Condenser Flexibility

**VOLUME PRODUCTION
LOWER OPERATING COSTS**

- Up to 611 lbs. of exclusive Scotsman "Ice Nuggets."
- Energy efficient, saves money.

NEW DESIGN CONCEPT

- Only one moving part in ice making section.
- Field tested, proven reliability.
- Safety controls protect against low refrigerant or water pressure.

**NON-BRIDGING NUGGETS —
EASY SERVING**

- Nuggets stay separated without clustering.
- Provide maximum liquid displacement.

REMOTE CONDENSER — FLEXIBILITY

- Operates in wide outdoor temperature range from -20° to 120° F.
- Offers a variety of single or dual unit installation possibilities.
- Choice of 25 foot or 40 foot pre-charged insulated refrigerant lines with easy to install quick-connect couplings.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

MH750R ICE NUGGET MODULAR CUBER WITH REMOTE CONDENSER FLEXIBILITY

This product qualifies for the following listings:

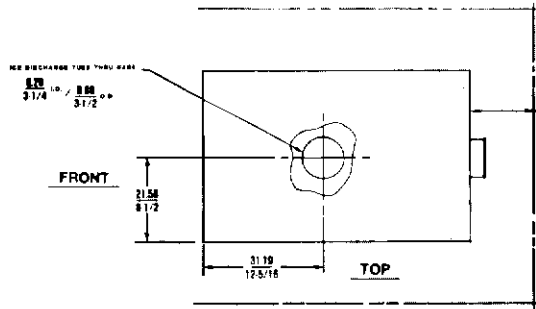


INSTALLATION NOTE:
Allow 6" minimum space at sides and back for ventilation and utility connections.

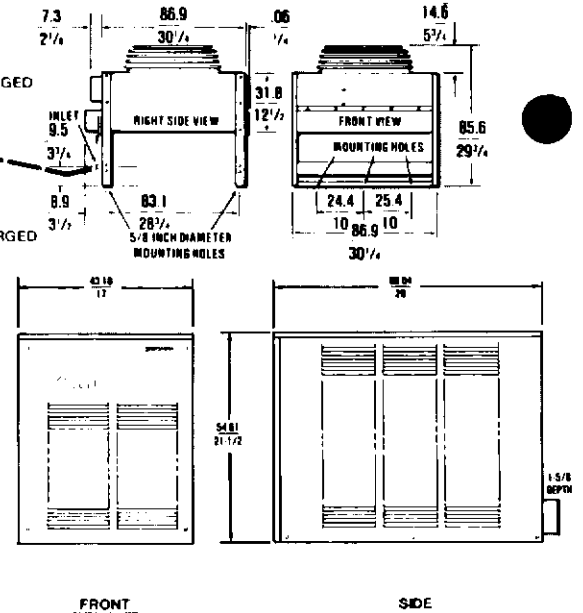
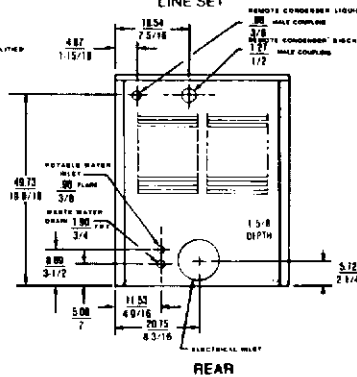
DISCHARGE LINE
1/2" MALE QUICK CONNECT COUPLING FOR USE WITH RTCM225 OR RTCM240 PRECHARGED LINE SET

RC151/RC302

LIQUID LINE
3/8" MALE QUICK CONNECT COUPLING FOR USE WITH RTCM225 OR RTCM240 PRECHARGED LINE SET



CENTIMETERS
INCHES



FRONT

SIDE

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity	Max. Fuse Size	Shp. Wt. lbs./kg.
MH750RE-1A	21 1/2 x 17 x 26	—	611 lbs.	Nuggets	R-Air	ES	115/60/1	3/4	2	16.0	25	206/93

MODULAR BINS — Use with MH750R — HTB350, HTB500, BH550, BH800, BH1000 and B90

HTB350 ***	29 1/2 x 30 x 31 1/2	350 lbs.	Use with KBT10 Top	HTB								120/55
HTB500 ***	41 x 30 x 31 1/2	300 lbs.	Use with KBT10 Top	HTB								140/64
BH550E ***	44 x 30 x 31 1/2	550 lbs.		ES								158/72
BH550S ***	44 x 30 x 31 1/2	550 lbs.		SS								158/72
BH800E ***	44 x 42 x 31 1/2	800 lbs.	Use with KBT13 Top for 1 or 2 MH750R s	ES								220/100
BH800S ***	44 x 42 x 31 1/2	800 lbs.		SS								220/100
BH1000AE ***	44 x 52 x 31 1/2	1000 lbs.	Use with KBT8A Top for 1, 2 or 3 MH750R's	ES								219/99
BH1000AS ***	44 x 52 x 31 1/2	1000 lbs.		SS								230/104
EB90 ■	32 x 42 1/4 x 32 3/4	590 lbs.	Use with KBT4H Top	ES								184/83
SB90 ■	32 x 42 1/4 x 32 3/4	590 lbs.		SS								170/78

REMOTE CONDENSERS FOR USE WITH MH750R ICE MACHINES

RC151-32B	29 3/4 x 32 x 39 3/4	(1) MH750R	R-Air	Galvanized	208-230/60/1	—	2	2.0	15	133/60
RC302-32B	29 3/4 x 32 x 39 3/4	(2) MH750R	R-Air	Galvanized	208-230/60/1	—	2	2.0	15	154/70

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish.
 *** (SS) Stainless Steel with polyethylene liner. (HTB) Linear High Density Polyethylene - Sandalwood color.
 *** Machine overhangs bin approximately 2" at rear.
 ■ Stainless Steel liner.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

		AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	0	70	55	611 lbs.
	C°	-17.8	21.1	12.8	277 kg.
NORMAL TEMPERATURE	F°	90	90	70	551 lbs.
	C°	32.2	32.2	21.1	250 kg.
HIGH TEMPERATURE	F°	110	90	80	472 lbs.
	C°	49.3	32.2	26.7	214 kg.

PRE-CHARGED REFRIGERANT TUBE KITS

RTCM225 — 25 ft. tubing pre-charged with R12 Freon.

RTCM240 — 40 ft. tubing pre-charged with R12 Freon.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKM750A Contains top, front and 2 end panels. Not factory installed.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installations where air temperatures fall below 50° F. or exceed 100° F. nor where water temperatures fall below 40° F. or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

NOTE: This does not include the Remote Condenser. Remote Condensers are designed to operate in outdoor installations in a temperature range of -20° to +120° F.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

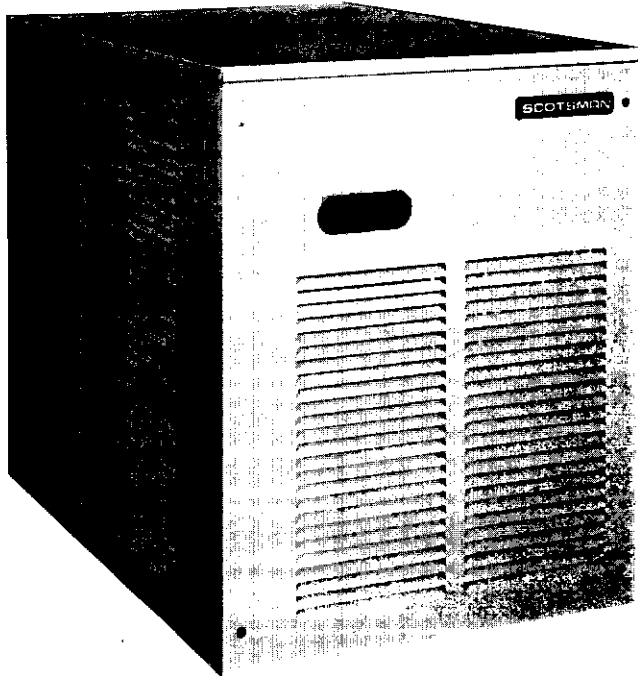
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S-136-BB

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MH750

Ice Nugget Modular Cuber

ENERGY EFFICIENT — LOWER OPERATING COSTS

- Up to 636 lbs. of "Ice Nuggets" in 24 hours
- Saves up to 36% electricity over regular cubes
- Less than 36¢ electricity cost per 100 lbs. of ice @ 6¢ per KWH

SIMPLE DESIGN — HIGHER RELIABILITY

- Revolutionary system eliminates:
 - Water Pump
 - Timer
 - Electrical Relay
 - Cube Size Control
 - Spray Jets
 - Hot Gas Solenoid
- Only one moving part under refrigeration
- Field proven to assure dependability
- Safety controls protect against low refrigerant or water pressure

COMPACT SIZE — INCREASED ADAPTABILITY

- Two MH750's occupy the same space as one competitive cuber
- Over 12 modular storage bin combinations fit any space or ice requirement

NON-BRIDGING NUGGETS — EASY SERVING

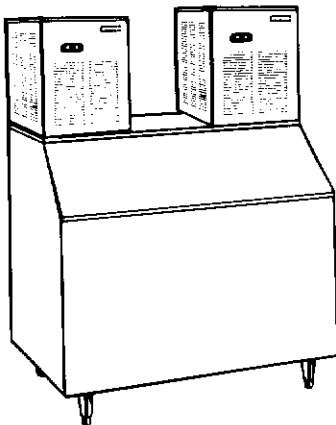
- Nuggets stay separated without clustering
- Provide maximum liquid displacement

WARRANTY — SATISFACTION

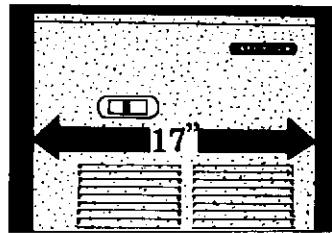
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**



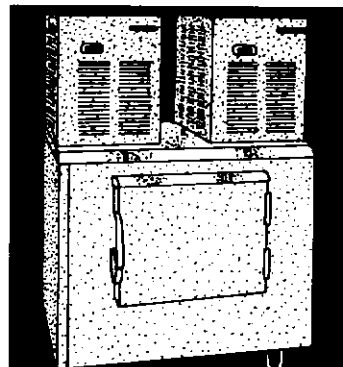
**TWO MH750 ON
BH800 BIN
with KBT13 BIN TOP**



COMPACT 17 INCH WIDTH
Ideal for problem installations where space limitations preclude standard installations on top of bin.

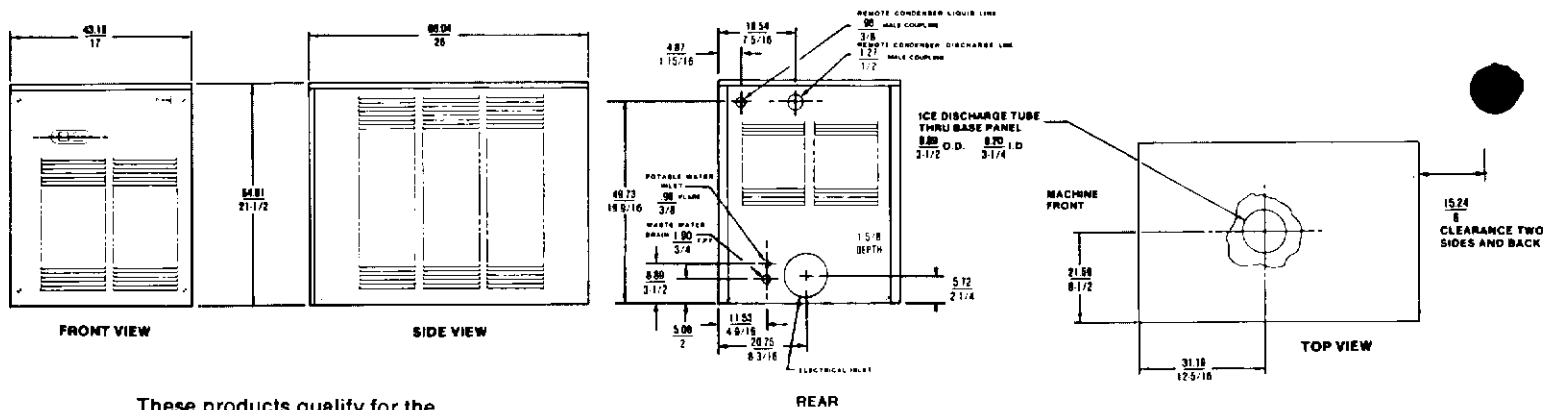


NEW HARD "ICE NUGGETS"
"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets scoop easily and give very high liquid displacement in beverages. Ideal for salad bars and iced displays.



DOUBLE PRODUCTION
Install two or more units on a bin to provide volume ice production of over 1,200 pounds of hard "Ice Nuggets" in a minimum of floor space. The MH750 provides the perfect ice requirement solution for fast food operations.

MH750 ICE NUGGET MODULAR CUBER



These products qualify for the following listings:



CENTIMETERS
INCHES

INSTALLATION NOTE: Allow 6" minimum additional space at sides, front and back for ventilation and utility connections.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampac- ity †	Max. Fuse Size	Shp. Wt. lbs./kg.
MH750 ICE NUGGET MODULAR CUBER											
MH750AE-1C	21 1/2 x 17 x 26	605 lbs.	Nuggets	Air	ES	115/60/1	3/4	2	19.3	30	188/85
MH750WE-1C	21 1/2 x 17 x 26	636 lbs.	Nuggets	Water	ES	115/60/1	3/4	2	16.0	25	190/86
HTB350, HTB500 & BH550 MODULAR BINS -- Use with MH750											
HTB350 ***	29 1/2 x 30 x 31 1/2	350 lbs.	Use with KBT10 Top	HTB	HTB						120/54
HTB500 ***	41 x 30 x 31 1/2	300 lbs.		HTB	ES						140/64
BH550E ***	44 x 30 x 31 1/2	550 lbs.		SS	SS						158/72
BH550S ***	44 x 30 x 31 1/2	550 lbs.		SS	SS						158/72
BH800 MODULAR BINS AND BIN TOP -- Use with MH750											
BH800AE ***	44 x 42 x 31 1/2	800 lbs.	Use with KBT13 Top	ES							177/80
BH800AS ***	44 x 42 x 31 1/2	800 lbs.		SS							186/84
BH1000 MODULAR ICE STORAGE BINS AND BIN TOPS -- Use with MH750											
BH1000AE ***	44 x 52 x 31 1/2	1000 lbs.	Use with KBT8A Top	ES							219/99
BH1000AS ***	44 x 52 x 31 1/2	1000 lbs.		SS							230/104
B90 MODULAR BIN -- Use with MH750											
EB90 ■	32 x 42 1/4 x 32 1/2	590 lbs.	Use with KBT4H Top	ES							184/83
SB90 ■	32 x 42 1/4 x 32 1/2	590 lbs.		SS							170/78

** ES - Sandalwood. SS - Stainless Steel Exterior with polyethylene liner.
 † Use this value to determine minimum wire size as per National Electric Code Standards.
 *** Machine overhangs bin approximately 2" in rear.
 ■ Stainless Steel Interior.

ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of Ice Nuggets per 24 hours.

MH750AE AIR-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
		F°	50°	70°	90°
F°	C°	10°	21°	32°	
70°	21°	605	549	504	lbs. kg.
90°	32°	555	502	450	lbs. kg.
100°	38°	502	458	415	lbs. kg.
		275	249	229	
		252	228	204	
		228	208	188	

MH750WE WATER-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
		F°	50°	70°	90°
F°	C°	10°	21°	32°	
70°	21°	636	551	487	lbs. kg.
90°	32°	607	528	470	lbs. kg.
100°	38°	596	523	464	lbs. kg.
		289	250	221	
		276	240	213	
		271	237	211	

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

REFRIGERANT R12.
 Charge per nameplate rating.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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INTERNATIONAL COMPANY

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SCOTSMAN
COMMERCIAL ICE SYSTEMS

MH750

Ice Nugget Modular Cuber

ENERGY EFFICIENT — LOWER OPERATING COSTS

- Up to 636 lbs. of "Ice Nuggets" in 24 hours
- Saves up to 36% electricity over regular cubes
- Less than 36¢ electricity cost per 100 lbs. of ice @ 6¢ per KWH

SIMPLE DESIGN — HIGHER RELIABILITY

- Revolutionary system eliminates:
 - Water Pump
 - Timer
 - Electrical Relay
 - Cube Size Control
 - Spray Jets
 - Hot Gas Solenoid
- Only one moving part under refrigeration
- Field proven to assure dependability
- Safety controls protect against low refrigerant or water pressure

COMPACT SIZE — INCREASED ADAPTABILITY

- Two MH750's occupy the same space as one competitive cuber
- Over 12 modular storage bin combinations fit any space or ice requirement

NON-BRIDGING NUGGETS — EASY SERVING

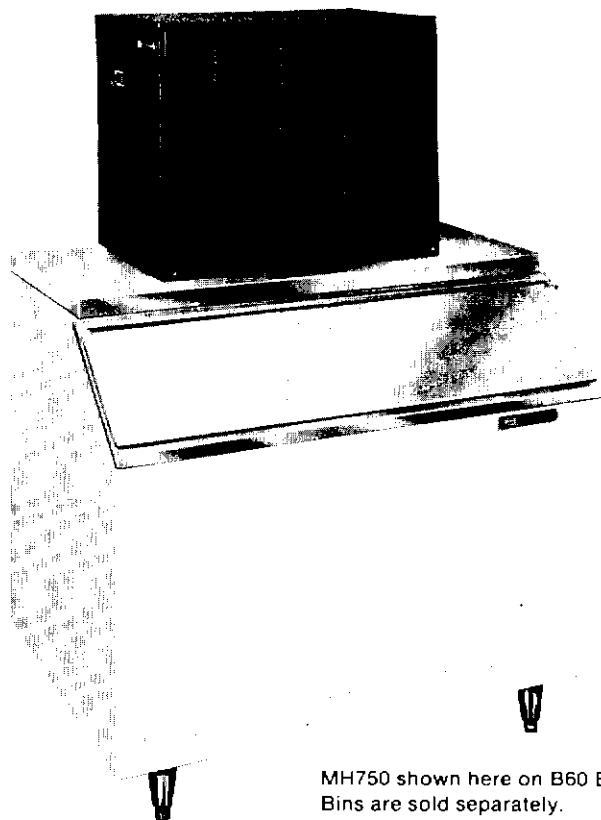
- Nuggets stay separated without clustering
- Provide maximum liquid displacement

STRONGEST WARRANTY — SATISFACTION

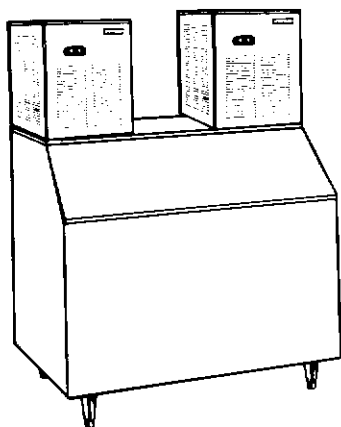
See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

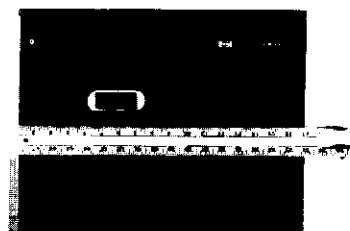
**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**



MH750 shown here on B60 Bin.
Bins are sold separately.



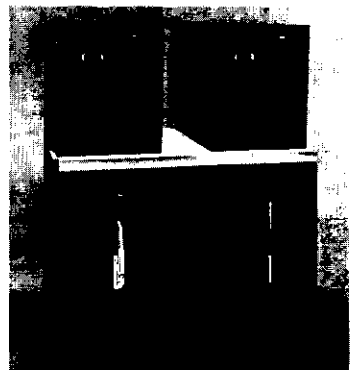
**TWO MH750 ON
BH1000 BIN
with KBT8 BIN TOP**



COMPACT 17 INCH WIDTH
Ideal for problem installations
where space limitations pre-
clude standard installations on
top of bin.

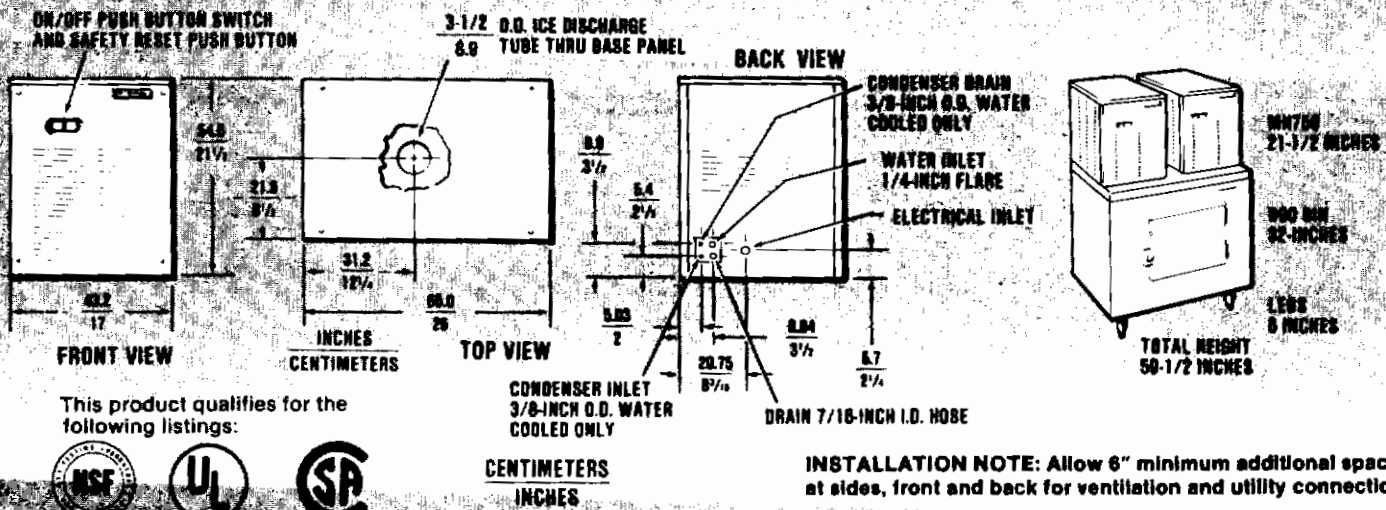


NEW HARD "ICE NUGGETS"
"Ice Nuggets" are hard, dry
cubes that maintain carbonation
and flavor levels in beverages.
They are especially suited for
fast food operations. Small size
nuggets scoop easily and give
very high liquid displacement in
beverages. Ideal for salad bars
and iced displays.



DOUBLE PRODUCTION
Install two or more units on a
bin to provide volume ice pro-
duction of over 1,200 pounds of
hard "Ice Nuggets" in a mini-
mum of floor space. The MH750
provides the perfect ice require-
ment solution for fast food
operations.

MH750 ICE NUGGET MODULAR CUBER



SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Weight (w/o Legs)	Ice Prod. Cap. 24 Hrs.	Cube	Cond. Unit	Finish**	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
MH750AE-1A	21 1/2 x 17 x 26	605 lbs.	605 lbs.	Nuggets	Air	EC	115/60/1	3/4	2	19.0	20	188/85
MH750WE-1A	21 1/2 x 17 x 26	636 lbs.	636 lbs.	Nuggets	Water	EC	115/60/1	3/4	2	17.0	20	190/86
HTB350 MODULAR BIN — Use with MH750R												
HTB350 ***	29 1/2 x 30 x 31 1/2	350 lbs.		Use with KBT10 Top		HTB						120/54
HTB500 & BH500S MODULAR BINS — Use with MH750R												
HTB500 ***	41 x 30 x 31 1/2	300 lbs.		Use with KBT10 Top		HTB						140/64
BH500S ***	40 1/2 x 30 x 31 1/2	500 lbs.				SS						158/72
BH750E MODULAR BIN — Use with MH750R												
BH750E ***	29 1/2 x 52 x 36	734 lbs.		Use with KBT8 Top		ES						220/100
BH750S ***	29 1/2 x 52 x 36	734 lbs.				SS						220/100
BH1000 MODULAR BIN — Use with MH750R												
BH1000AE ***	44 x 52 x 31 1/2	1000 lbs.		Use with KBT8 Top		ES						219/99
BH1000S ***	44 x 52 x 31 1/2	1000 lbs.				SS						230/104
BH1000AS ***	44 x 52 x 31 1/2	1000 lbs.				SS						230/104
B40 MODULAR BIN — Use with MH750R												
EB40	24 x 42 1/4 x 30 1/2	370 lbs.		Use with KBT9 Top		ES						146/66
SB40	24 x 42 1/4 x 30 1/2	370 lbs.				SS						138/63
B60 MODULAR BIN — Use with MH750R												
EB60	32 x 42 1/4 x 30 1/2	550 lbs.		Use with KBT9 Top		ES						171/78
SB60	32 x 42 1/4 x 30 1/2	550 lbs.				SS						170/77
B90 MODULAR BIN — Use with MH750R												
EB90	32 x 42 1/4 x 32 1/2	590 lbs.		Use with KBT4H Top		EC						184/83
SB90	32 x 42 1/4 x 32 1/2	590 lbs.				SS						170/78

** EC - Charcoal Brown high-gloss, baked enamel finish on leathergrain embossed steel - ES Sandalwood, SS - Stainless Steel.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*** Machine overhangs bin approximately 2" in rear.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of Ice Nuggets per 24 hours.

MH750AE AIR-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				lbs.
	F°	50°	70°	90°	
70°	605	549	504		lbs.
21°	275	249	229		kg.
90°	555	502	450		lbs.
32°	252	226	204		kg.
100°	502	458	415		lbs.
38°	226	208	188		kg.

MH750WE WATER-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				lbs.
	F°	50°	70°	90°	
70°	636	551	487		lbs.
21°	289	250	221		kg.
90°	607	528	470		lbs.
32°	276	240	213		kg.
100°	596	523	464		lbs.
38°	271	237	211		kg.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

REFRIGERANT R12.
Charge per nameplate rating.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

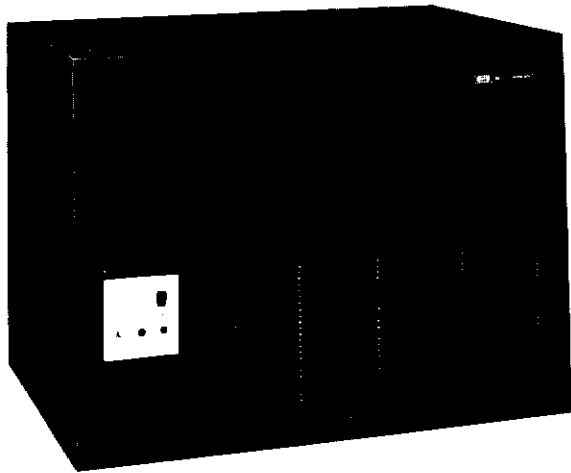
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INTERNATIONAL COMPANY

TWX 910-565-2173

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SCOTSMAN
COMMERCIAL ICE SYSTEMS

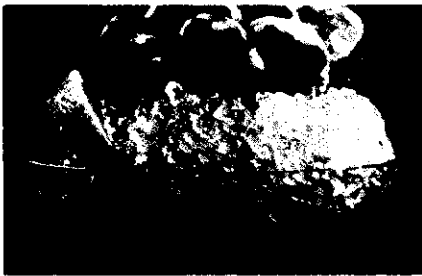


MF6 *2400
Pounds
**modular
flaker**

Where large volume is required, the Scotsman MF6 Modular Flaker fills the need. This unit will produce up to 2400* lbs. of flaked ice in 24 hours and can be stacked on a B80 or B90 bin. The stacking system provides volume flaked ice production without requiring additional floor space. With Scotsman bin flexibility, bin extensions can be added for greater storage capacity. The MF6 Modular Flaker is designed also to discharge from the left end thru a spout extension kit feeding into

an adjacent bin. Engineered to give maximum protection, a control panel immediately indicates a malfunction. Three lights on the control panel tell you when there is no water coming into the unit, when operating pressure is not normal and when the drive motor is overloaded. A circuit breaker stops all action when there is a motor overload. Whatever your ice production needs, you can depend on Scotsman, world leader in ice making equipment.

*See Ice Making Capacity on other side.



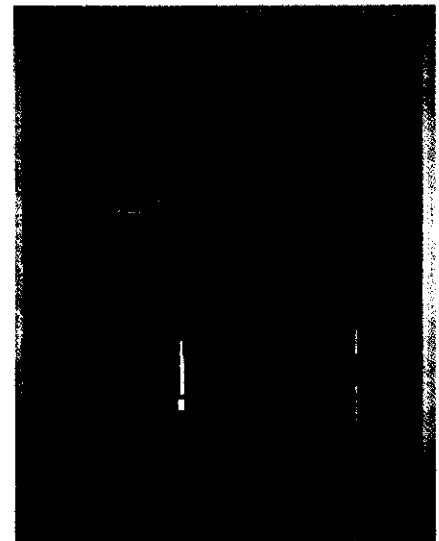
QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman flakes hold up well in displays or when served in beverages.



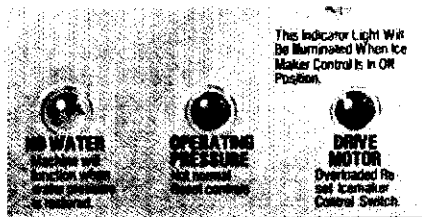
ON-OFF SWITCH

A circuit breaker stops operation when motor overload occurs. On-off switch is used to reset.



STACKING SYSTEM

Stacking an MF6 on B80 or B90 bin, offers volume production in minimum of floor space. Flaked ice is discharged out the bottom directly into bin. Add-on bin extension system increases storage capacity. Stainless steel flaker base becomes sanitary bin top. An option for left end ice discharge into adjacent bin is provided by use of a Spout Extension Kit (KSE6).



This Indicator Light Will Be Illuminated When Ice Maker Control Is In Off Position.

NO WATER
No water will function when water pressure is restored.

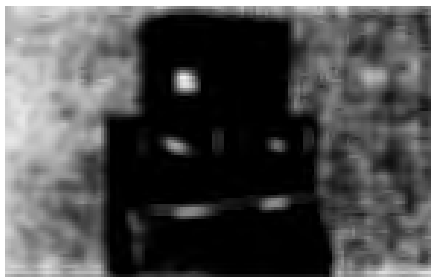
OPERATING PRESSURE
Not normal. Reset control.

DRIVE MOTOR
Overloaded. Reset Ice Maker Control Switch.

CALL SERVICE MAN IF LIGHTS CONTINUE TO BE ON AFTER WATER HAS BEEN RESTORED OR SAFETY CONTROLS HAVE BEEN RESET.

WARNING LIGHTS

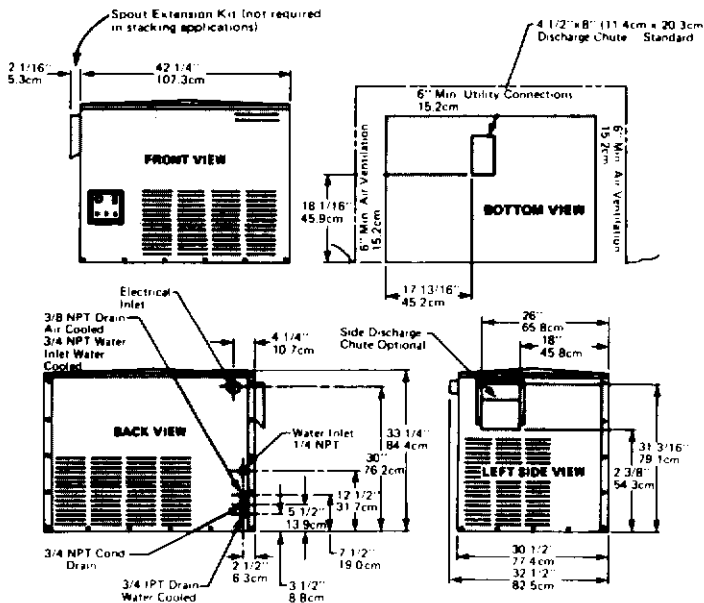
Three lights indicate trouble such as; water supply, operating pressure and drive motor. Stop trouble before it starts.



HORIZONTAL BIN

Model B120 Bin with BX128 Bin Extension provides up to 1580 pounds of ice storage. Add BX113 Bin Extension for an additional 350 pounds or 1940 pound total.

MF6 modular flaker



This product qualifies for these listings



***Capacity:** Refer to Ice Making Capacity chart
Storage Bin: The MF6 will stack onto the B80, B90 or B120 Scotsman Bin. See your dealer for stacking bin and bin extension capacities.
Height: 33-1/4 (84.5cm) **Width:** 42-1/4 (107.3cm)
Depth: 32-1/2 (82.6cm)
Weight: Air Cooled 628 lbs. (286 kg.)
 Water Cooled 557 lbs. (253 kg.)

KSE6 SPOUT EXTENSION KIT Adapts MF6 for ice discharge out of left end of cabinet.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations or installations where air temperatures are below 50°F. or above 100°F. and the water temperature is below 40°F. or above 100°F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.

*ICE MAKING CAPACITY

Typical Ice Production— Lbs. of Flaked Ice per 24 Hours

MF6A AIR COOLED

WATER TEMP.

F°	90°	70°	50°	
C°	32°	21°	10°	
AIR TEMP.	70°	1740	1930	2115 lbs.
	21°	789	876	960 kg.
TEMP.	90°	1640	1830	2015 lbs.
	32°	744	830	914 kg.
P.	100°	1565	1760	1950 lbs.
	38°	710	799	885 kg.

MF6W WATER COOLED

WATER TEMP.

F°	90°	70°	50°	
C°	32°	21°	10°	
AIR TEMP.	70°	1762	2097	2400 lbs.
	21°	799	951	1069 kg.
TEMP.	90°	1751	2050	2389 lbs.
	32°	794	930	1083 kg.
P.	100°	1728	2036	2364 lbs.
	38°	784	923	1072 kg.

PRODUCT WARRANTY

See Scotsman Manufacturer's Limited Warranty Statement or contact your Scotsman Dealer for details.

OPTIONAL STAINLESS STEEL KIT:

Order SPKMF6 panel kit for stainless steel sides, front, top and back panel.

MF6 MACHINE SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Bin Cap. **	Ice Prod. Cap. 24 Hrs. ***	Cond. Unit	Finish *	Basic Elec.	Comp. H.P.	Run. Amps.	Max. Oper. Amps.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shpg. Wt. lbs./kg.
MF6AE-2A	33 3/4 x 42 1/4 x 32 1/2	**	2115 lbs.	Air	E	230/60/1	2	14.3	14.3	2	16.6	20	623/283
MF6AE-3A	33 3/4 x 42 1/4 x 32 1/2	**	2115 lbs.	Air	E	208-220/60/3	2	12.6	12.6	3	14.5	20	629/286
MF6AE-7A	33 3/4 x 42 1/4 x 32 1/2	**	2115 lbs.	Air	E	208/60/1	2	14.7	14.7	2	17.1	20	629/286
MF6WE-2A	33 3/4 x 42 1/4 x 32 1/2	**	2400 lbs.	Water	E	230/60/1	2	12.9	12.9	2	15.2	20	615/279
MF6WE-3A	33 3/4 x 42 1/4 x 32 1/2	**	2400 lbs.	Water	E	208-220/60/3	2	10.8	10.8	3	12.7	20	611/277
MF6WE-7A	33 3/4 x 42 1/4 x 32 1/2	**	2400 lbs.	Water	E	208/60/1	2	12.9	12.9	2	15.3	20	611/277

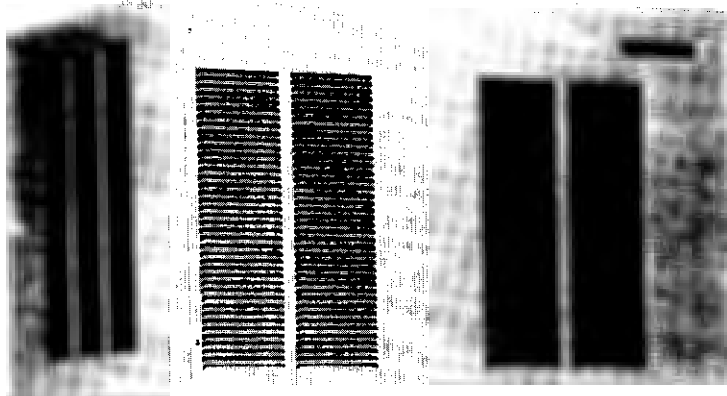
†(E) Leathergrain, embossed steel with high gloss, Charcoal Brown baked enamel finish. ** See optional Scotsman Modular Bins.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

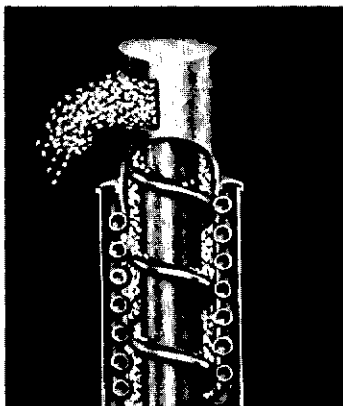
Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MN 56007



For use with bulk refrigeration systems. Utilization of remote condenser and compressor reduces ice machine heat and noise.



EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, carrying ice upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard ice particles are directed out through the opening.



QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman ice holds up well in displays and adds sparkling appetite appeal to foods and beverages.

MF6RH

Remote High Side Modular Flaker

ENERGY EFFICIENT — LOWER COSTS

- Up to 2350 lbs. of flaked ice in 24 hours.
- Continuous ice-making process ... no harvest time delays.
- Delivers steady flow of ice for fast recovery of ice supply.
- Uses efficient R502 refrigerant.

SIMPLE DESIGN — HIGH RELIABILITY

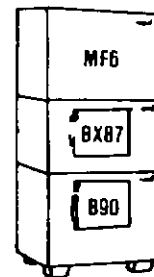
- Only two moving parts under refrigeration.
- Two heavy duty flaker mechanisms with Stainless Steel augers.
- Low water pressure cut-off.
- Freezer chamber clearing delay.

FLEXIBILITY — INSTALLATION CHOICES

- Matching Scotsman horizontal bins and extensions.

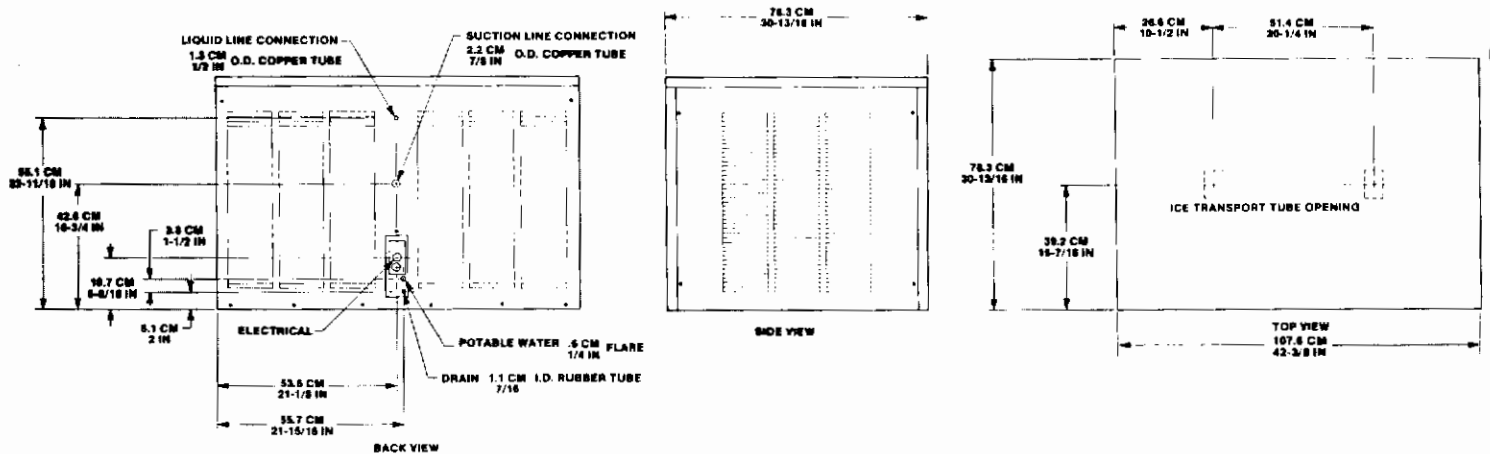
WARRANTY — SATISFACTION

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.



SCOTSMAN — WORLD'S LARGEST MANUFACTURER OF COMMERCIAL ICE MACHINES!

MF6RH REMOTE HIGH SIDE MODULAR FLAKER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Finish **	Basic Electrical	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
MF6RHE-32A	27 ^{3/4} x 42 ^{3/8} x 30 ^{15/16}	—	2350	ES	208-230/60/1	2	2.47	15	323/147

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish.
† Use this value to determine minimum wire size as per National Electric Code Standards

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours at 70° Air and 50° Water.

MF6RHA AIR-COOLED

50° F	70° F	90° F
10° C	21° C	32° C
2350 lbs.	2120 lbs.	1900 lbs.
1044 kg.	944 kg.	838 kg.

STORAGE BIN OPTIONS:

B90 Bin and BX83 or BX87 extensions.

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
Air Temperatures	50° F (10.0° C)	100° F (37.7° C)
Water Temperatures	40° F (4.4° C)	100° F (37.7° C)
Water Pressures	20 PSIG	120 PSIG
Electrical Voltage	-5%	+5%

Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage. See Dealer for details of Limited Warranty.

REFRIGERATION REQUIREMENTS

16000 BTUH @ 41 P.S.I. Suction
R502 Refrigerant
10° F Evaporator/Suction
110° F Condenser

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

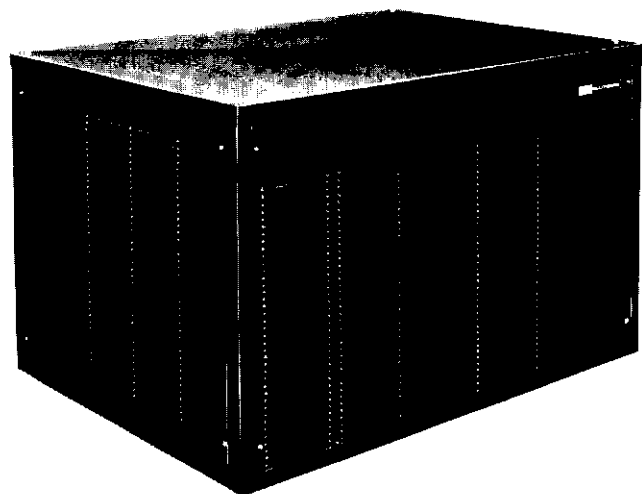
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S-168-88

TELEX EASYLINK 62922027

INTERNATIONAL COMPANY
Printed in U.S.A.



MF6C

Modular Flaker

ENERGY EFFICIENT — LOWER COSTS

- Up to 2350 lbs. of flaked ice in 24 hours.
- Continuous ice-making process ... no harvest time delays.
- Delivers steady flow of ice for fast recovery of ice supply.

SIMPLE DESIGN — HIGH RELIABILITY

- Only two moving parts under refrigeration.
- Two heavy duty flaker mechanisms with Stainless Steel augers.
- Low-refrigerant safety switch.
- Low water pressure cut-off.
- Freezing chamber clearing delay.

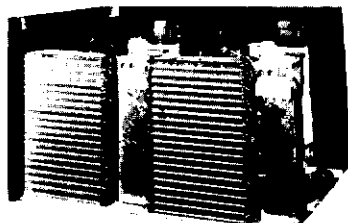
FLEXIBILITY — INSTALLATION CHOICES

- Air-cooled and water-cooled models.
- Matching Scotsman horizontal bins and extensions.

STRONGEST WARRANTY—SATISFACTION

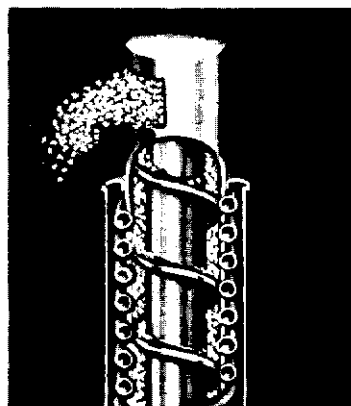
See Dealer for details of Limited warranty

- Exclusive 12 Month Factory Labor Coverage.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.



2 PRODUCTION UNITS IN ONE CABINET

Huge capacity from one compact ice machine for a variety of industrial and commercial uses. Can be installed on an over-size storage bin or hopper to build ice inventories and meet peak demands. Water cooled models can be used with the Scotsman remote closed loop system.



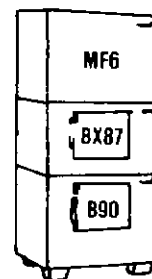
EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through an inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, carrying ice upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard ice particles are directed out through the opening.



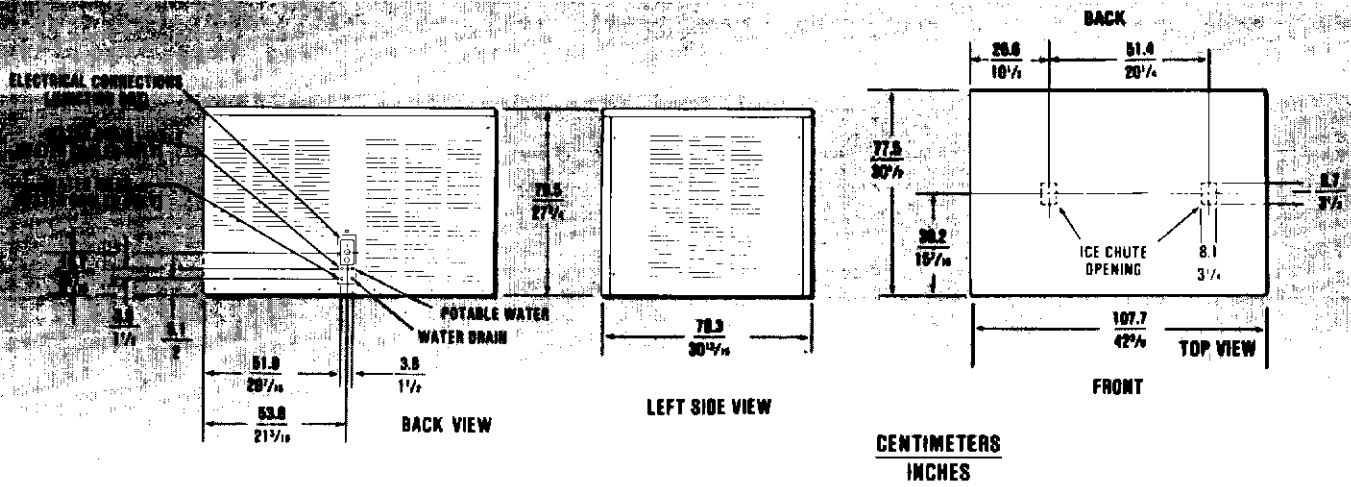
QUALITY ICE

The unique flaker mechanism delivers clean hard bits of ice to the bin. Scotsman ice holds up well in displays and adds sparkling appetite appeal to foods and beverages.



**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

MF6C HIGH VOLUME MODULAR FLAKER



This product qualifies for the following listings:



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

SPECIFICATIONS

Model	Dimensions (H x W x D)	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cond. Unit	Finish**	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
MF6AE-2C	27 3/4 x 42 3/8 x 30 13/16	—	2350 lbs.	Air	EC	230/60/1	2 @ 1	2	19.7	20	480/218
MF6AE-3C	27 3/4 x 42 3/8 x 30 13/16	—	2350 lbs.	Air	EC	208-230/60/3	2 @ 1	3	12.3	15	480/218
MF6AE-7C	27 3/4 x 42 3/8 x 30 13/16	—	2350 lbs.	Air	EC	208/60/1	2 @ 1	2	19.0	25	480/218
MF6WE-3C	27 3/4 x 42 3/8 x 30 13/16	—	2345 lbs.	Water	EC	208-230/60/3	2 @ 1	3	11.5	15	470/213

(EC) Leathergrain embossed steel with high gloss Charcoal Brown baked enamel finish. (SS) Stainless Steel cabinet.
 † Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

MF6A AIR-COOLED

WATER TEMPERATURE

F°	50°	70°	90°	
70°	2350	2120	1900	lbs.
	1064	958	863	kg.
90°	2080	1850	1620	lbs.
	943	842	736	kg.
100°	1895	1680	1485	lbs.
	860	764	674	kg.

MF6W WATER-COOLED

WATER TEMPERATURE

F°	50°	70°	90°	
70°	2345	2095	1860	lbs.
21°	1044	930	826	kg.
90°	2240	2045	1830	lbs.
32°	990	900	806	kg.
100°	2190	1995	1790	lbs.
38°	972	880	790	kg.

STORAGE BIN OPTIONS:

B90 Bin and BX83 or BX87 extensions.

IMPORTANT OPERATING REQUIREMENTS

MINIMUM MAXIMUM

Air Temperatures	50° F	100° F
	(10.0° C)	(37.7° C)
Water Temperatures	40° F	100° F
	(4.4° C)	(37.7° C)
Water Pressures	20 PSIG	120 PSIG
Electrical Voltage	-10%	+10%

Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage. See Dealer for details of Limited Warranty.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

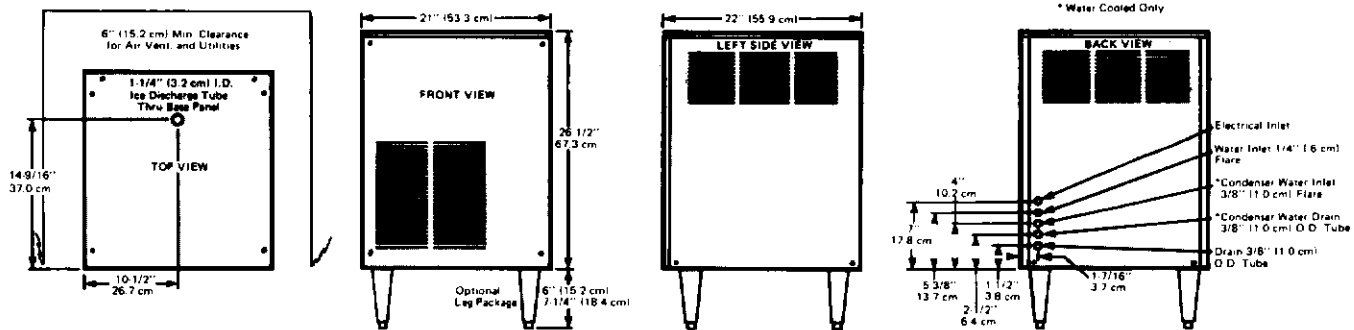
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INTERNATIONAL COMPANY

MF5C modular flaker



*ICE MAKING CAPACITY Typical ice production — lbs. of ice per 24 hours

MF5CA AIR-COOLED WATER TEMP.

A I R T E M P.	F°	90°	70°	50°	
	C°	32°	21°	10°	
R	70°	880	990	1090	lbs.
	21°	399	449	494	kg.
T	90°	745	855	965	lbs.
	32°	339	388	438	kg.
E	100°	690	785	880	lbs.
	38°	313	356	399	kg.

MF5CW WATER-COOLED WATER TEMP.

A I R T E M P.	F°	90°	70°	50°	
	C°	32°	21°	10°	
R	70°	865	975	1090	lbs.
	21°	392	442	494	kg.
T	90°	845	940	1035	lbs.
	32°	383	426	469	kg.
E	100°	830	920	1020	lbs.
	38°	376	417	463	kg.

MF5C MACHINE SPECIFICATIONS

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship.Wt. lbs./kgs.
MF5CAE	Air	1	Enamel or Stainless Steel	275 / 125
MF5CWE	Water	1	Enamel or Stainless Steel	275 / 125

*Sandalwood baked enamel finish or SPKMF5C Stainless Steel Panel Kit.

	Max. Oper. Amps	No. of Wires	Min.** Circuit Ampacity	Max. Fuse Size	
Basic Electricals	230/60/1	7.8	2	9.3	15
	208-220/60/3	6.3	3	7.3	15
Water-Cooled:	230/60/1	7.1	2	8.5	15
	208-220/60/3	5.4	3	6.4	15

**Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

*Capacity: Refer to Ice Making Capacity chart.
Storage Bin: B20, B40, B60, B80, B90
B500, B750 and extensions.

Height: 26 1/2" (67.3 cm)
Depth: 22" (55.9 cm)
Width: 21" (53.3 cm)

SPKMF5C: Separate Stainless Steel Panel Kit.
Not factory installed.

OPTIONAL LEG KITS —

KLP2E: 6" adjustable Black Enamel Legs.
KLP2S: 6" adjustable Nickel Plated Legs.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F. or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.



TWO YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants to the original purchaser user, that any commercial product of its manufacture bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This product warranty shall be effective for a period of two years from the date of original installation if such installation is reported on Scotsman's warranty registration form returned to the factory at the time of installation, or for a period of 27 months from date of shipment from the factory if the warranty registration form has not been returned (provided the foregoing warranty periods will be extended for an additional three years as to the motor compressor part). This warranty is applicable only in the United States and Canada.

Scotsman's obligation is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. The serial and model numbers and date of original installation of the product must be given. Charges for labor (except labor performed in the Scotsman factory to repair defective parts) are not covered. No part or assembly which has been subject to accident, alteration or misuse, or which is not installed or serviced in accordance with the user manual furnished with the product, or which is from a machine on which the serial number has been altered or removed, shall be covered by this warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance or installation shall be made by Scotsman's Service Department and shall be final and binding upon the parties.

Scotsman assumes no liability for incidental or consequential damages of any kind or for any damages resulting in whole or in part from misuse or inadequate maintenance of the product or any part thereof.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MINN. 56007

COMMERCIAL ICE SYSTEMS / HOME ICE MAKERS



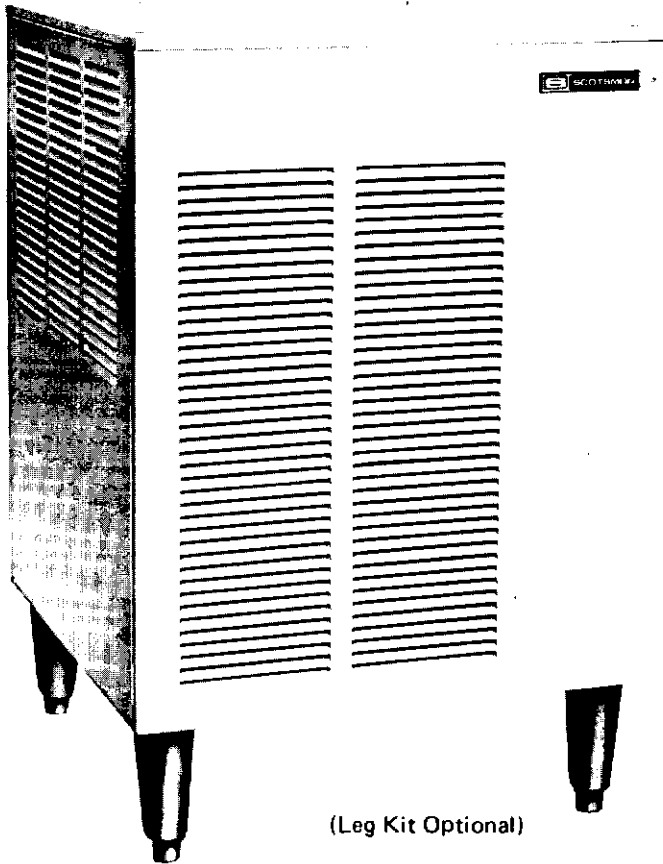
SCOTSMAN

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

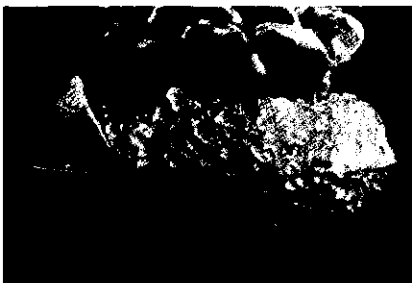
MF5C modular flaker

The MF5C modular flaker offers volume, space saving convenience, modular installation and quality flake ice. With the Scotsman modular concept, flake ice can be transported from a flaker located in a basement to an upper floor or vice-versa. Units can be stacked on top of bins for maximum production with minimum amount of floor space. The MF5C is designed to permit ice discharge from top or bottom, making possible virtually any area for installation. This high volume flaker produces up to 1090 pounds of ice in 24 hours* and is available in air-cooled or water-cooled units. Aside from the versatility a Scotsman ice system offers, you deal with the world leader in ice making equipment . . . your assurance of quality, economy and trouble-free service.

**See Ice Making Capacity on other side*

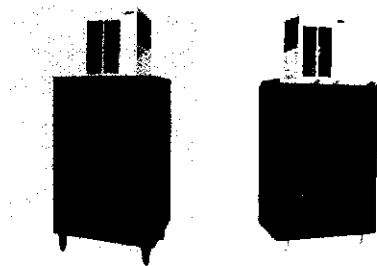


(Leg Kit Optional)



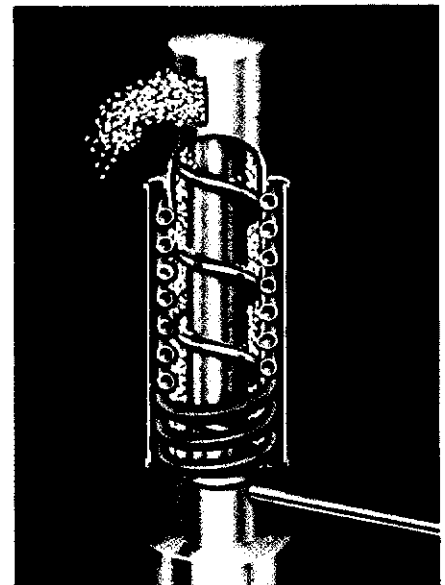
QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman flakes hold up well in displays or when served in beverages.



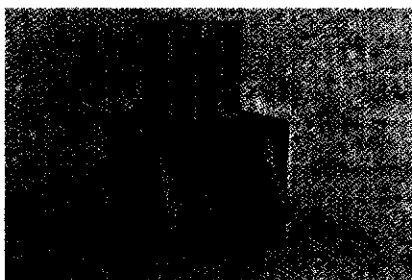
VERSATILE INSTALLATION

An MF5C flaker can be mounted on a B750 vertical type bin or a B90 with a BX87 bin extension. The variety of storage possibilities can be tailored to meet any ice usage demands.



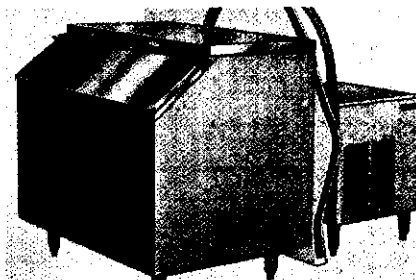
EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.



STACKING SYSTEM

Scotsman offers a complete line of bins designed to store flake ice of varied amounts. An MF5C stacked on a B80 bin permits volume production and storage in a minimum amount of floor space.

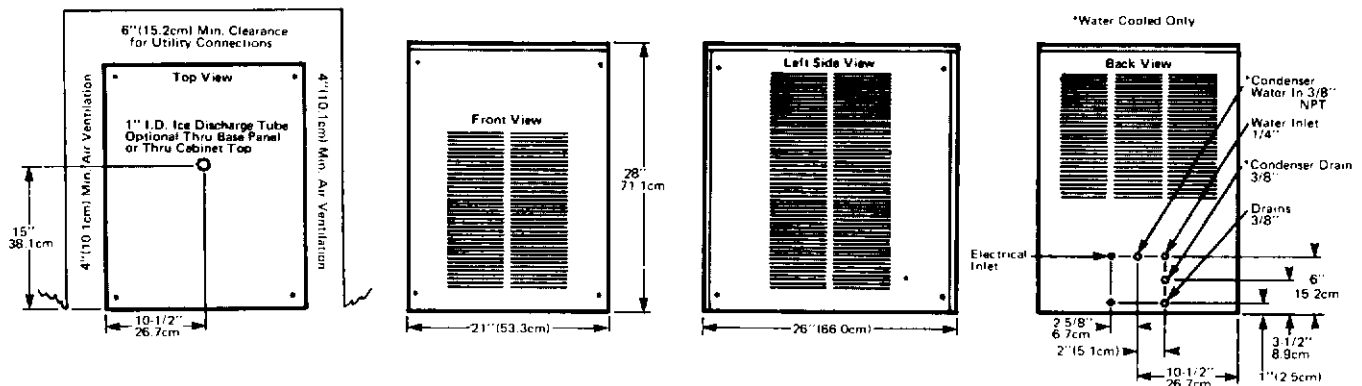


REMOTE THROUGH A WALL

The unique remote system permits flake ice to be transported through a wall from an MF5C flaker to a B60 bin located in another room. Flake ice can be transported up to 20 feet even around 90-degree angles.

MF5 modular flaker

NOTE: Requires additional installation space for:
air ventilation - 4" right & left side
utility connections - 6" back side



*ICE MAKING CAPACITY

Typical ice production -
lbs. of ice per 24 hours

MF5A AIR-COOLED WATER TEMP.

A I R	F°	90°	70°	50°	
	C°	32°	21°	10°	
T E M P.	70°	880	990	1090	lbs.
	21°	399	449	494	kg.
90°	745	855	965	lbs.	
	32°	339	388	438	kg.
100°	690	785	880	lbs.	
	38°	313	356	399	kg.

MF5W WATER-COOLED WATER TEMP.

A I R	F°	90°	70°	50°	
	C°	32°	21°	10°	
T E M P.	70°	865	975	1090	lbs.
	21°	392	442	494	kg.
90°	845	940	1035	lbs.	
	32°	383	426	469	kg.
100°	830	920	1020	lbs.	
	38°	376	417	463	kg.

MF5 MACHINE SPECIFICATIONS

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship.Wt. lbs./kgs.
MF5AE	Air	1	Enamel or	275 / 125
MF5WE	Water	1	Stainless Steel	275 / 125

*Sandalwood baked enamel finish or SPKMF5 Stainless Steel Panel Kit.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min.** Circuit Ampacity	Max. Fuse Size	
Air-Cooled:	230/60/1	7.8	2	9.3	15
	208-220/60/3	6.3	3	7.3	15
Water-Cooled:	230/60/1	7.1	2	8.5	15
	208-220/60/3	5.4	3	6.4	15

** Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

*Capacity: Refer to Ice Making Capacity chart.
Storage Bin: B20, B40, B60, B80, B90
B500, B750 and extensions.

Height: 28" (71.1cm)
Depth: 26" (66.0cm)
Width: 21" (53.3cm)

SPKMF5: Separate Stainless Steel Panel Kit.
Not factory installed.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F. or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.



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This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

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Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two years parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



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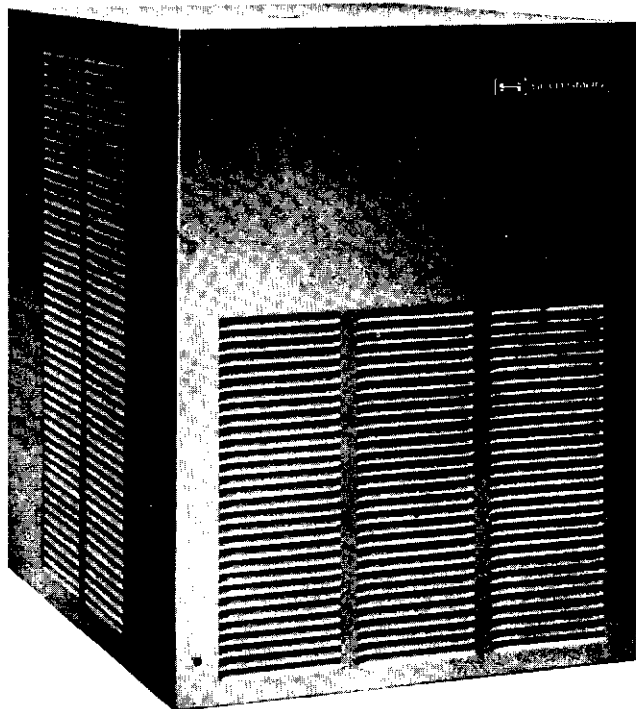
COMMERCIAL ICE SYSTEMS / HOME ICE MAKERS



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COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

MF5 modular flaker



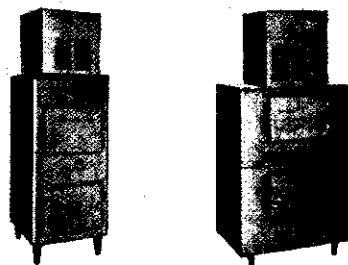
The MF5 modular flaker offers volume, space saving convenience, modular installation and quality flake ice. With the Scotsman modular concept, flake ice can be transported from a flaker located in a basement to an upper floor or vice-versa. Units can be stacked on top of bins for maximum production with minimum amount of floor space. The MF5 is designed to permit ice discharge from top or bottom, making possible virtually any area for installation. This high volume flaker produces up to 1090 pounds of ice in 24 hours* and is available in air-cooled or water-cooled units. Aside from the versatility a Scotsman ice system offers, you deal with the world leader in ice making equipment . . . your assurance of quality, economy and trouble-free service.

**See Ice Making Capacity on other side*



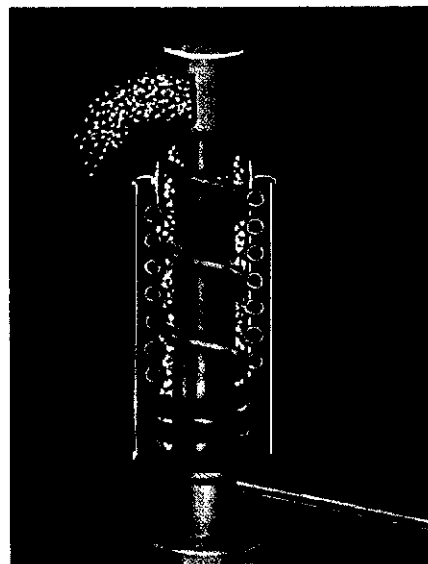
QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman flakes hold up well in displays or when served in beverages.



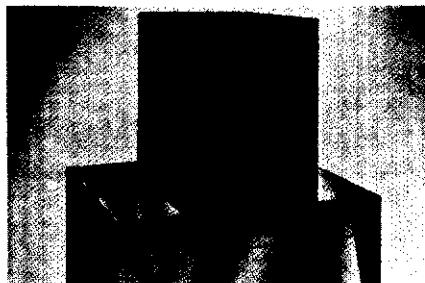
VERSATILE INSTALLATION

An MF5 flaker can be mounted on a B750 vertical type bin or a B90 with a BX87 bin extension. The variety of storage possibilities can be tailored to meet any ice usage demands.



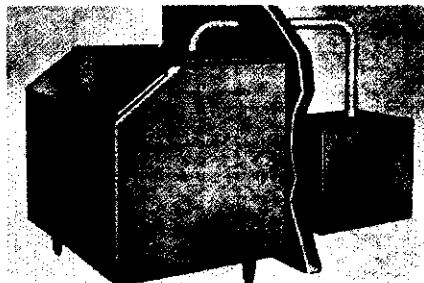
EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.



STACKING SYSTEM

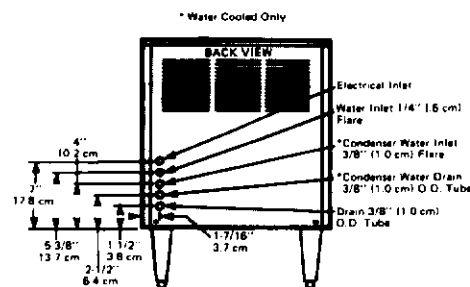
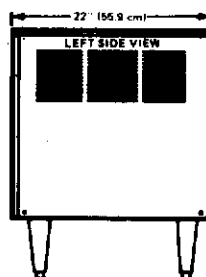
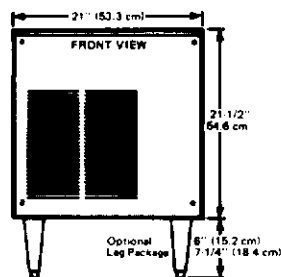
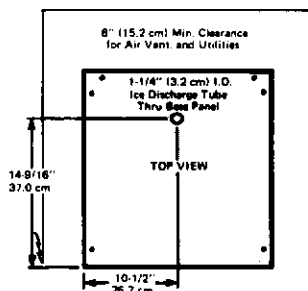
Scotsman offers a complete line of bins designed to store flake ice of varied amounts. An MF5 stacked on a B80 bin permits volume production and storage in a minimum amount of floor space.



REMOTE THROUGH A WALL

The unique remote system permits flake ice to be transported through a wall from an MF5 flaker to a B60 bin located in another room. Flake ice can be transported up to 20 feet even around 90-degree angles.

MF4C modular flaker



*ICE MAKING CAPACITY Typical ice production — lbs. of ice per 24 hours.

MF4CA AIR-COOLED WATER TEMP.

A I R	F°	90°	70°	50°	
	C°	32°	21°	10°	
T E M P.	70°	550	625	750	lbs.
	21°	249	284	340	kg.
	90°	475	540	610	lbs.
	32°	216	245	277	kg.
	100°	435	485	530	lbs.
	38°	197	220	240	kg.

MF4CW WATER-COOLED WATER TEMP.

A I R	F°	90°	70°	50°	
	C°	32°	21°	10°	
T E M P.	70°	520	605	690	lbs.
	21°	236	274	313	kg.
	90°	510	590	670	lbs.
	32°	231	267	304	kg.
	100°	505	580	650	lbs.
	38°	229	263	295	kg.

*Capacity: Refer to Ice Making Capacity chart.
Storage Bin: B20, B40, B60, B80, B90,
B500, B750 and extensions.

Height: 21½" (54.6 cm) Width: 21" (53.3 cm)
Depth: 22" (55.9 cm)

SPKMF4C: Separate Stainless Steel Panel Kit.
Not factory installed.

OPTIONAL LEG KITS —

KLP2E: 6" adjustable Black Enamel Legs.
KLP2S: 6" adjustable Nickel Plated Legs.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F. or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.



MF4C MACHINE SPECIFICATIONS

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship.Wt. lbs./kgs.
MF4CAE	Air	3/4	Enamel or Stainless Steel	208/94
MF4CWE	Water	3/4	Enamel or Stainless Steel	225/102

*Sandalwood baked enamel finish or SPKMF4C Stainless Steel Panel Kit.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min. ** Circuit Ampacity	Max. Fuse Size	
Air Cooled:	115/60/1	14.8	2	17.6	20
	230/60/1	8.4	2	10.0	15
Water Cooled:	115/60/1	13.6	2	16.3	20
	230/60/1	7.6	2	9.2	15

**Use this value to determine minimum wire size required to meet National Electric Code Standards.

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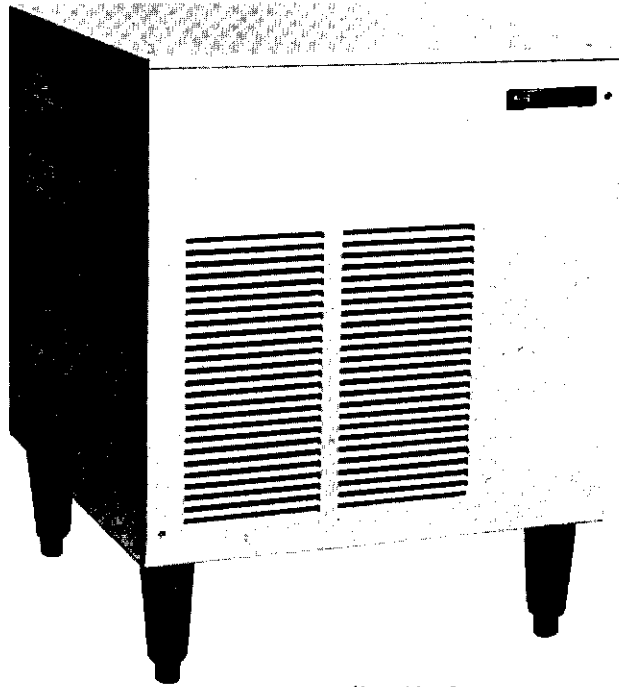
QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MINN. 56007



SCOTSMAN

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

MF4C modular flaker



(Leg Kit Optional)

If you need volume production along with future growth potential, the MF4C offers the perfect solution. This modular unit will produce up to *750 pounds of flake ice in 24 hours and an additional flaker can be incorporated into the system later to double the capacity. A complete line of modular bins offers an unlimited variety of storage possibilities. One or two MF4C units can be stacked on a B80 or B90 bin, and flake ice can be transported remotely to a B60 bin located in another room. The MF4C can discharge ice from top or bottom making installation possible just about anywhere. Complete flexibility in the Scotsman flaker line is only one plus. Others are quality, dependability, economy and years of trouble-free service because Scotsman is the world leader in the manufacture of ice making equipment. The MF4C produces the finest quality flake ice available . . . not mushy lumps but hard individual bits of slow-melting ice that enhance the appearance of any display, food or beverage.

**See Ice Making Capacity on other side*



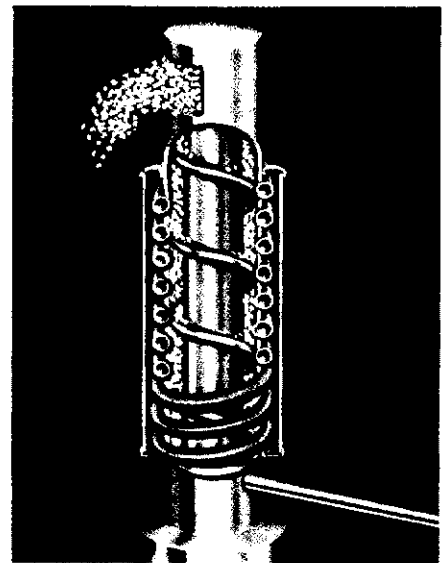
QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman ice holds up well in displays and adds sparkling appetite appeal to foods and beverages.



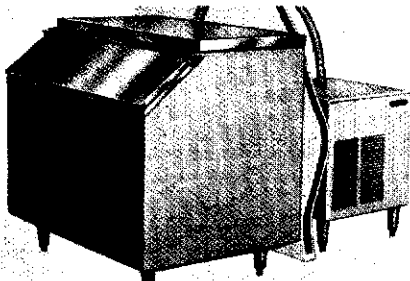
STACKING SYSTEM

Stack on one MF4C and add another as ice needs increase. Ice production can be doubled without utilizing any additional floor space.



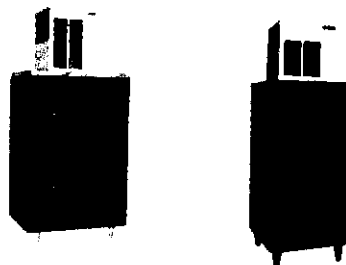
EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.



REMOTE THROUGH A WALL

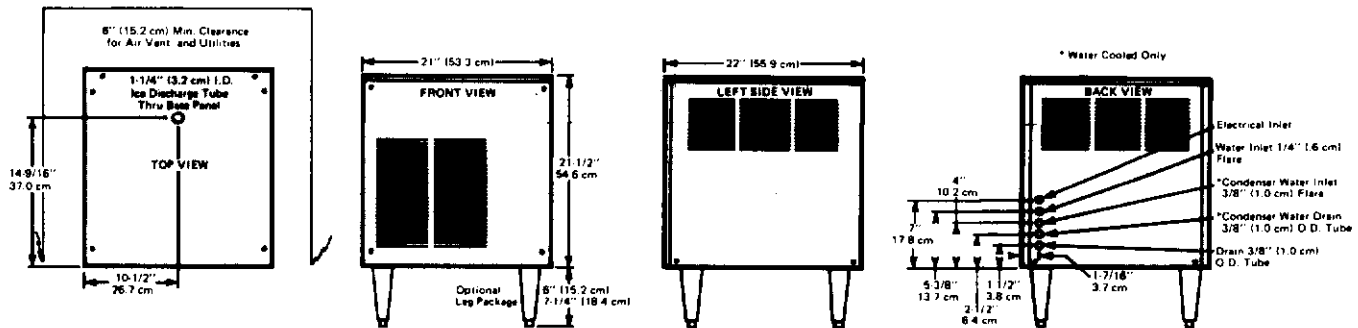
The unique remote system permits flake ice to be transported through a wall from an MF4C to a bin located in another room. Flake ice can be transported up to 20 feet even around 90° angles.



HIGH VOLUME STORAGE

An MF4C can be stacked on a B90 bin or with a BX87 bin extension which can be added later if more storage is required. A B500 vertical bin can also be used with the MF4C flaker.

MF3C modular flaker



*ICE MAKING CAPACITY Typical ice production — lbs. of ice per 24 hours.

MF3CA AIR-COOLED WATER TEMP.

A I R	F°	90°	70°	50°	lbs.
	C°	32°	21°	10°	
T E M P.	70°	350	390	420	kg.
	21°	159	177	191	
P.	90°	330	360	400	lbs.
	32°	150	163	181	
	100°	310	340	370	lbs.
	38°	141	154	168	

MF3CW WATER-COOLED WATER TEMP.

A I R	F°	90°	70°	50°	lbs.
	C°	32°	21°	10°	
T E M P.	70°	355	390	420	kg.
	21°	161	177	191	
P.	90°	345	380	410	lbs.
	32°	156	172	186	
	100°	340	370	405	lbs.
	38°	154	168	184	

MF3C MACHINE SPECIFICATIONS

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship. Wt. lbs./kg.
MF3CAE	Air	1/2	Enamel or	175/79
MF3CWE	Water	1/2	Stainless Steel	175/79

*Sandalwood baked enamel finish or SPKMF3C Stainless Steel Panel Kit.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min.** Circuit Ampacity	Max. Fuse Size	
Air-Cooled:	115/60/1	16.1	2	18.9	20
	230/60/1	6.3	2	7.4	15
Water-Cooled:	115/60/1	15.2	2	18.0	20
	230/60/1	5.7	2	.8	15

**Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

*Capacity: Refer to Ice Making Capacity chart.
Storage Bin: B20, B40, B60, B80, B90,
B500, B750 and extensions.
Height: 21 1/2" (54.6 cm) Width: 21" (53.3 cm)
Depth: 22" (55.9 cm)
SPKMF3C: Separate Stainless Steel Panel Kit.
Not factory installed.

OPTIONAL LEG KITS —

KLP2E: 6" adjustable Black Enamel Legs.
KLP2S: 6" adjustable Nickel Plated Legs.

IMPORTANT OPERATING REQUIREMENTS:

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

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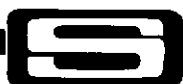
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KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MINN. 56007

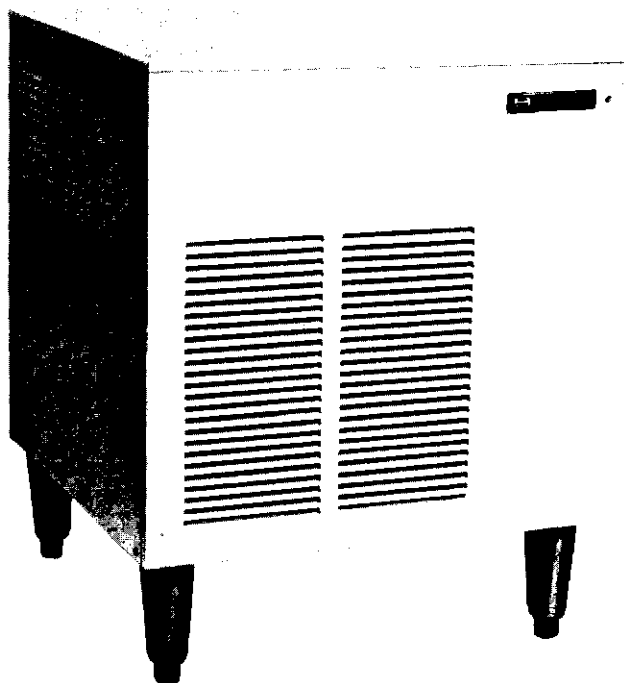


SCOTSMAN

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

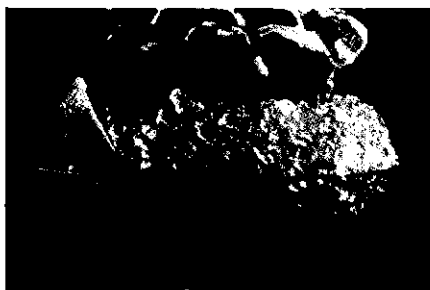
MF3C modular flaker

A compact modular flaker unit, the MF3C is ideal for installations where volume ice production is needed. In addition, if increased ice production becomes necessary, additional units can be added to the system. The Scotsman modular system permits installation next to a bin, on top of a bin, or remote to transport ice from another room. This small unit produces up to 420 pounds of flake ice in 24 hours* and ice can be discharged from top or bottom. With such versatility, the MF3C can be installed virtually anywhere. A choice of air cooled or water cooled units is available to insure correct installation for maximum ice production. The Scotsman exclusive ice maker mechanism provides a continuous flow of hard dry, bits of flake ice that melt slowly in beverages and hold up well in food displays. Scotsman enjoys world leadership in the manufacture of ice making equipment . . . engineered for quality, economy and years of trouble free service.



(Leg Kit Optional)

**See Ice Making Capacity on other side*



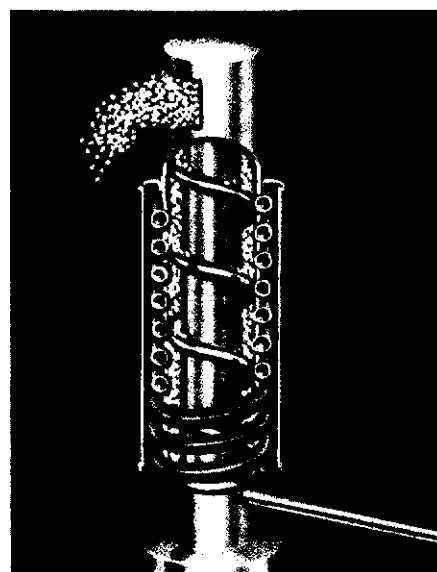
QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman ice holds up well in displays and adds sparkling appetite appeal to foods and beverages.



STACKING SYSTEM

Stack on one MF3C and add another as ice needs increase. Ice production can be doubled without utilizing any additional floor space.



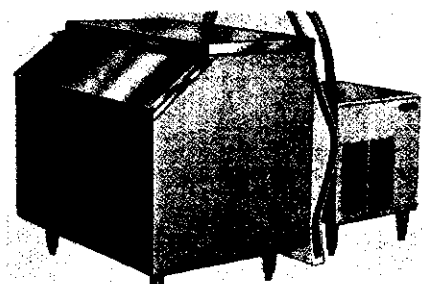
EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.



UNDER A COUNTER

An MF3C can be installed next to a B20 bin (just 34" high without legs), under a counter offering the convenience of ice availability right where it's needed. It's the perfect size for multiple locations.



REMOTE THROUGH A WALL

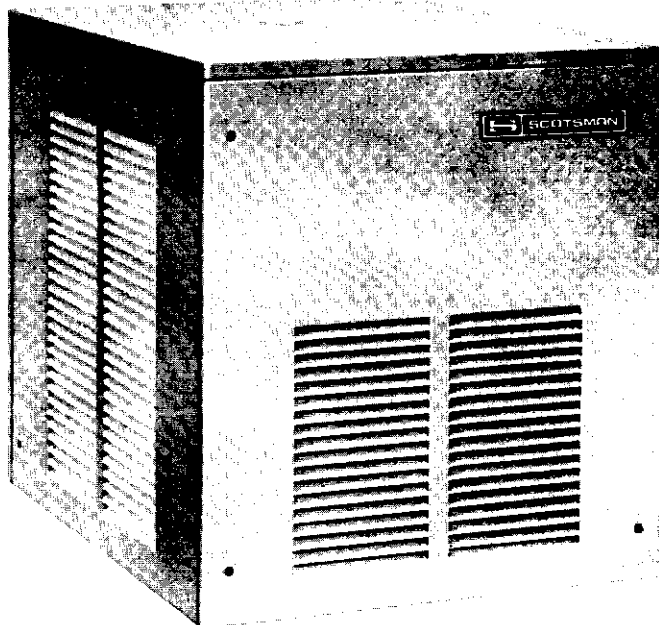
The unique remote system permits flake ice to be transported through a wall from an MF3C to a bin located in another room. Flake ice can be transported up to 20 feet even around 90° angles.



SCOTSMAN

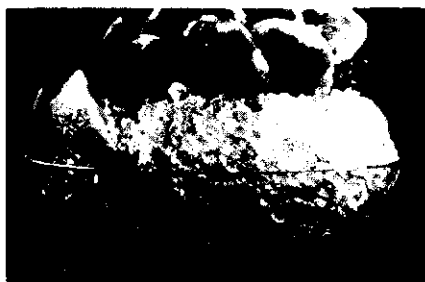
COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

MF3 modular flaker



A compact modular flaker unit, the MF3 is ideal for installations where volume ice production is needed. In addition, if increased ice production becomes necessary, additional units can be added to the system. The Scotsman modular system permits installation next to a bin, on top of a bin, or remote to transport ice from another room. This small unit produces up to 420 pounds of flake ice in 24 hours* and ice can be discharged from top or bottom. With such versatility, the MF3 can be installed virtually anywhere. A choice of air cooled or water cooled units is available to insure correct installation for maximum ice production. The Scotsman exclusive ice maker mechanism provides a continuous flow of hard dry, bits of flake ice that melt slowly in beverages and hold up well in food displays. Scotsman enjoys world leadership in the manufacture of ice making equipment . . . engineered for quality, economy and years of trouble free service.

**See Ice Making Capacity on other side*



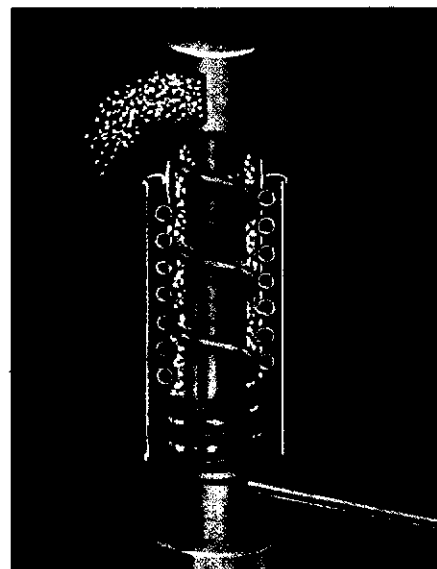
QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman ice holds up well in displays and adds sparkling appetite appeal to foods and beverages.



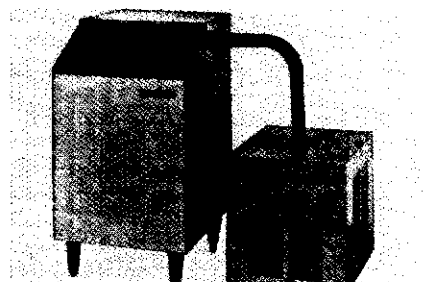
STACKING SYSTEM

Stack on one MF3 and add another as ice needs increase. Ice production can be doubled without utilizing any additional floor space.



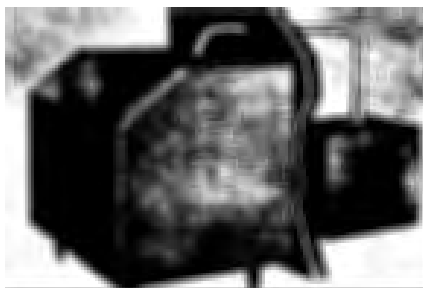
EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.



UNDER A COUNTER

An MF3 can be installed next to a B20 bin (just 34" high without legs), under a counter offering the convenience of ice availability right where it's needed. It's the perfect size for multiple locations.

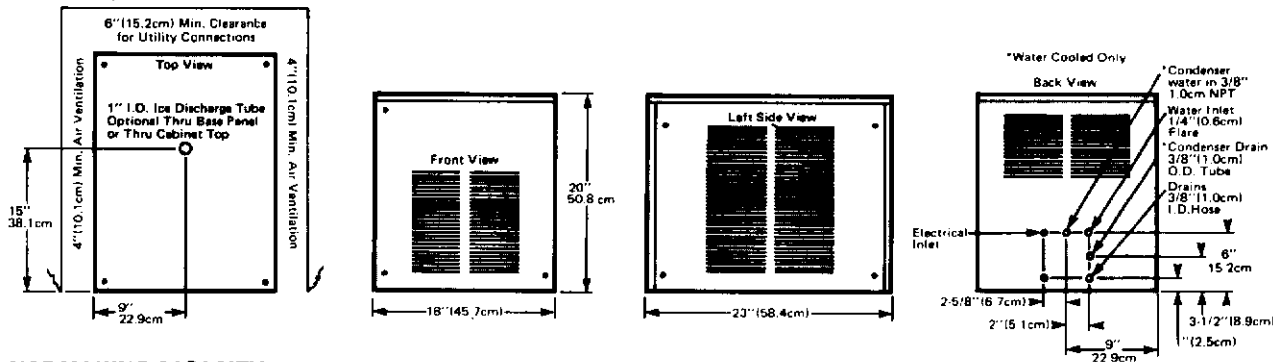


REMOTE THROUGH A WALL

The unique remote system permits flake ice to be transported through a wall from an MF3 to a bin located in another room. Flake ice can be transported up to 20 feet even around 90° angles.

MF3 modular flaker

NOTE: Requires additional installation space for:
air ventilation - 4" right & left side
utility connection - 6" back side.



*ICE MAKING CAPACITY

Typical ice production - lbs. of ice per 24 hours.

MF3A AIR-COOLED WATER TEMP.

AIR TEMP.	F°	90°	70°	50°	
	C°	32°	21°	10°	
TEMP.	70°	350	390	420	lbs.
	21°	159	177	191	kg.
TEMP.	90°	330	360	400	lbs.
	32°	150	163	181	kg.
TEMP.	100°	310	340	370	lbs.
	38°	141	154	168	kg.

MF3W WATER-COOLED WATER TEMP.

AIR TEMP.	F°	90°	70°	50°	
	C°	32°	21°	10°	
TEMP.	70°	355	390	420	lbs.
	21°	161	177	191	kg.
TEMP.	90°	345	380	410	lbs.
	32°	156	172	186	kg.
TEMP.	100°	340	370	405	lbs.
	38°	154	168	184	kg.

*Capacity: Refer to Ice Making Capacity chart.
Storage Bin: B20, B40, B60, B80, B90, B500, B750 and extensions.

Height: 20" (50.8cm) Width: 23" (58.4cm)
Depth: 18" (45.7cm)

SPKMF3: Separate Stainless Steel Panel Kit.
Not factory installed.

IMPORTANT OPERATING REQUIREMENTS:

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F. or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.



MF3 MACHINE SPECIFICATIONS

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship.Wt. lbs./kg.
MF3AE	Air	1/2	Enamel or Stainless Steel	175/79
MF3WE	Water	1/2	Enamel or Stainless Steel	175/79

*Sandalwood baked enamel finish or SPKMF3 Stainless Steel Panel Kit.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min.** Circuit Ampacity	Max. Fuse Size	
Air-Cooled:	115/60/1	16.1	2	18.9	20
	230/60/1	6.3	2	7.4	15
Water-Cooled:	115/60/1	15.2	2	18.0	20
	230/60/1	5.7	2	.8	15

**Use this value to determine minimum wire size required to meet National Electric Code Standards.

TWO YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two years parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MINN. 56007

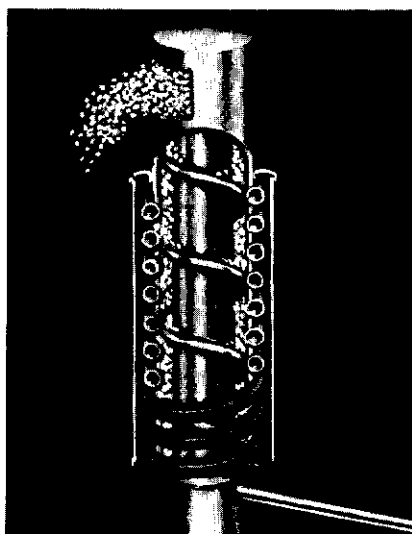
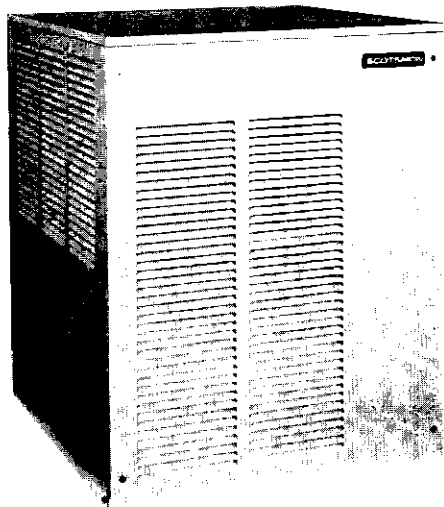
COMMERCIAL ICE SYSTEMS / HOME ICE MAKERS

SCOTSMAN

COMMERCIAL ICE SYSTEMS

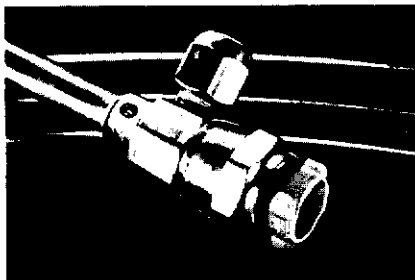
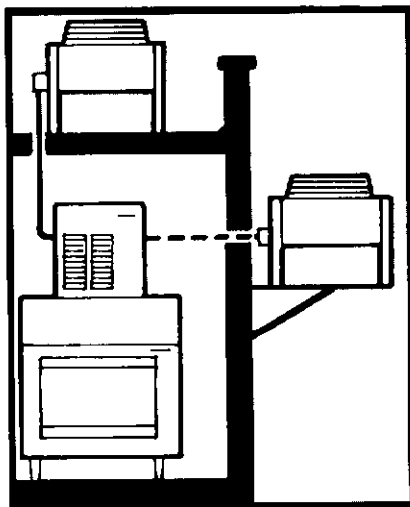
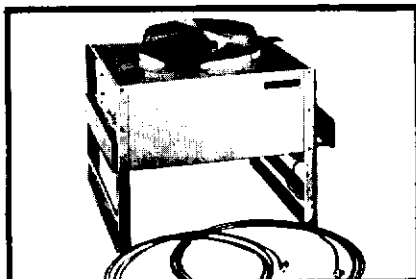
MF900R

modular flaker
with remote condenser



EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms, a stainless steel auger turns slowly, lifting ice and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.



QUICK-CONNECT FITTING

Pre-charged refrigerant lines provide fast hook-up from machine to condenser. The system is completely operational when connections are completed. Recharging the system is accomplished through a charging port located on the fitting attached to the condenser.

- Volume ice production of up to 1083 lbs. from a compact machine
- Can be top mounted on a variety of Scotsman bins
- Slow-melting, superior hard bits of ice
- Only one refrigerated moving part
- Remote condenser will accommodate one or two flakers
- Tough baked-on acrylic enamel finish ... scratch and scuff resistant
- Pound for pound flake ice production uses up to 66% less energy than cube making

REMOTE CONDENSER

- Installation on roof or any location higher than icemaker
- Fan motor operates from separate electrical outlet
- 25 foot and 40 foot refrigerant lines are fully charged with easy to install quick-connect couplings
- Offers a variety of single or multiple unit installation possibilities
- Remote condensing removes heat from work areas, eliminates fan motor noise and relieves burden on air-conditioning system

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

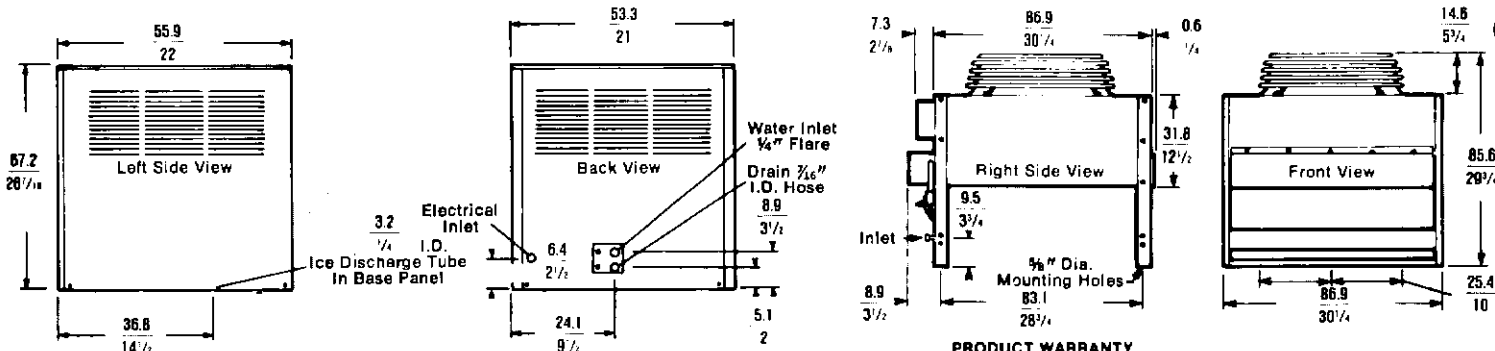
CONDENSER MODELS

- RC151 Accommodates one MF900R
- RC302 Accommodates two MF900R units

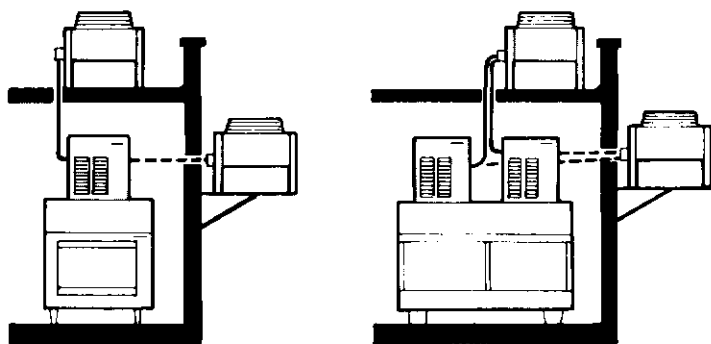
**SCOTSMAN — WORLD'S LARGEST
MANUFACTURER OF COMMERCIAL
ICE MACHINES!**

MF900R MODULAR FLAKER WITH REMOTE CONDENSER

(15 2) 6" Minimum Clearance Required for Utility Connections and Ventilation



PRODUCT WARRANTY
See Scotsman Manufacturer's Limited Warranty statement or contact your Scotsman dealer for details



New Reliability

Built-in protection features to assure longer operating life...
Low Refrigerant Pressure Switch... stops the unit should refrigerant pressure level drop for any reason.
Low Water Pressure Switch... automatically stops the unit when inlet water pressure drops and restarts when pressure is restored.
Auger Delay Switch... allows auger to clear ice remaining in the freezing chamber before machine shuts off... avoids starting up against an ice load.

NOTE: Remote Condenser must be installed at height equal to or above icemaker. Must not be lower.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shp. Wt. lbs./kg.
MF900RE-3C	26 7/16 x 21 x 22	—	1083 lbs.	—	Air	ES	208-230/60/3	1	3	8.8	15	216/98
MF900RE-7C	26 7/16 x 21 x 22	—	1083 lbs.	—	Air	ES	208/60/1	1	2	8.8	15	223/101

OPTIONAL STAINLESS STEEL PANEL KIT:
SPKMF900: Stainless Steel Panel Kit. Not factory installed.

REMOTE CONDENSERS

RC151-32B	29 3/4 x 30 1/4 x 34	—	—	—	Air	Gal.	208-230/60/1	—	2	2.0	15	133/60
RC302-32B	29 3/4 x 30 1/4 x 34	—	—	—	Air	Gal.	208-230/60/1	—	2	2.0	15	154/70

** ES Leathergrain embossed steel with high gloss, Sandalwood, baked enamel finish.
 † Use this value to determine minimum wire size required to meet National Electric Code Standards.

***ICE MAKING CAPACITY:**
 Typical ice production — lbs./kgs. of ice per 24 hours.

MF900R AIR-COOLED WATER TEMPERATURE

CONDENSER AIR TEMPERATURE	F°	50°	70°	90°	
	C°	10°	21°	32°	
110°	865	733	669	lbs.	
43°	392	333	303	kg.	
90°	1022	902		lbs.	
32°	464	409		kg.	
70°	1083	948		lbs.	
21°	491	430		kg.	
50°	1097			lbs.	
10°	498			kg.	
30°	1120			lbs.	
1°	508			kg.	
0°	1123			lbs.	
-18°	510			kg.	

SEPARATE STORAGE BIN:
 The MF900R will stack onto a variety of Scotsman Modular Bins such as the B90, HTB500, BH550, BH800, BH1000. See your dealer for latest models for bins and bin extensions which combine for added capacity.

IMPORTANT OPERATING REQUIREMENTS:
 Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman Icemaker Units are not designed for outdoor installations or installations where air temperatures are below 50°F or above 100°F and the water temperature is below 40°F or above 100°F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage. **NOTE:** This does not include the Remote Condenser. Remote Condensers are designed to operate in outdoor installations in a temperature range of -20°F to +120°F.

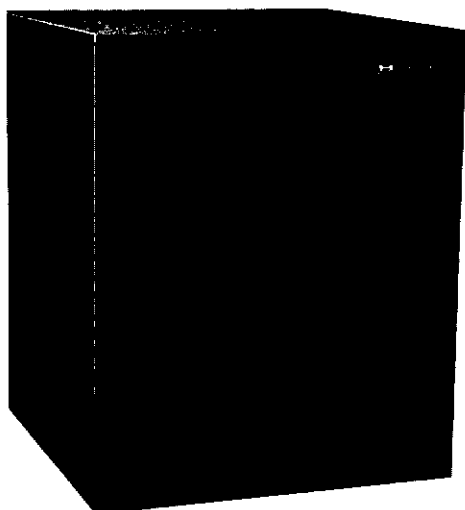


REFRIGERANT TUBE KITS
RTCM225 25 foot fully charged Freon R-12 line
RTCM240 40 foot fully charged Freon R-12 line

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

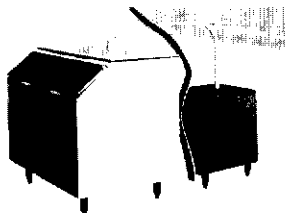
SCOTSMAN

A HOUSEHOLD INTERNATIONAL COMPANY



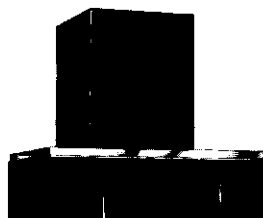
QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman ice holds up well in displays and adds sparkling appetite appeal to foods and beverages.



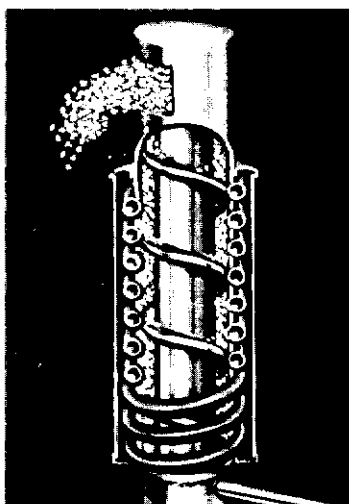
REMOTE THROUGH A WALL

The unique remote system permits flake ice to be transported through a wall from an MF900 to a bin located in an adjacent room.



VERSATILE INSTALLATION

An MF900 flaker can be mounted on a B90 with a BX87 bin extension. The variety of storage possibilities can be tailored to meet any ice usage demands.



EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.

MF900

Modular Flaker

**ENERGY EFFICIENT —
LOWER COSTS**

- Up to 1151 lbs. of flaked ice in 24 hours.
- Continuous ice-making process ... no harvest time delays.
- Delivers steady flow of ice for fast recovery of ice supply.

**SIMPLE DESIGN —
HIGH RELIABILITY**

- Only one moving part under refrigeration.
- Heavy duty Stainless Steel auger.
- Low-refrigerant safety switch.
- Low water pressure cut-off.
- Freezing chamber clearing delay permits drivemotor to start with no load.

**FLEXIBILITY —
INSTALLATION CHOICES**

- Air-cooled and water-cooled models.
- Transports flake ice to adjacent bin with optional transport kit.
- Optional Stainless Steel panel kit.
- Three electrical voltages available.
- Use multiple units side-by-side.
- Wide selection of Scotsman vertical and horizontal bins and extensions.

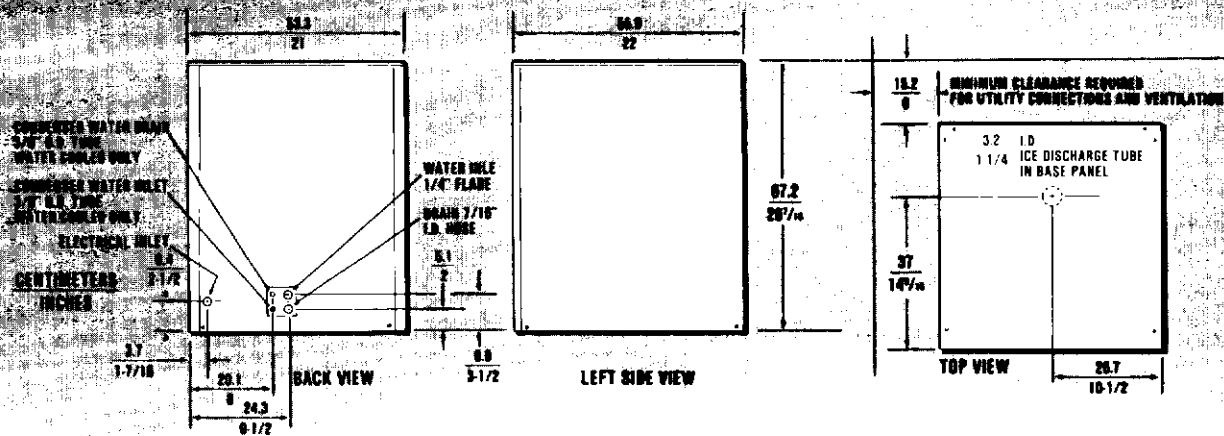
STRONGEST WARRANTY—SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

MF900 MODULAR FLAKER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

CENTIMETERS
INCHES

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
MF900AE-2A	26 7/16 x 21 x 22	—	1151 lbs.	Air	EC	230/60/1	1	2	9.8	15	224/102
MF900AE-3A	26 7/16 x 21 x 22	—	1151 lbs.	Air	EC	208-230/60/3	1	3	7.2	15	217/98
MF900AE-7A	26 7/16 x 21 x 22	—	1151 lbs.	Air	EC	208/60/1	1	2	10.2	15	218/99
MF900WE-3A	26 7/16 x 21 x 22	—	1151 lbs.	Water	EC	208-230/60/3	1	3	6.4	15	212/96
MF900WE-7A	26 7/16 x 21 x 22	—	1151 lbs.	Water	EC	208/60/1	1	2	9.0	15	212/96

**Leathergrain embossed steel with high gloss, charcoal brown baked enamel finish.
 †Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

MF900A AIR-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				lbs. kg.
	F°	50°	70°	90°	
	C°	10°	32°	38°	
70° 21°	1151 522	1040 472	925 419		
90° 32°	1015 460	901 409	785 358		
100° 38°	925 419	825 374	725 329		

MF900W WATER-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				lbs. kg.
	F°	50°	70°	90°	
	C°	10°	32°	38°	
70° 21°	1151 522	1025 465	910 413		
90° 32°	1092 495	992 450	890 404		
100° 38°	1072 486	970 440	872 395		

STORAGE BIN OPTIONS:

B60, B90, BH500, HTB500, BH750, BH1000 and extensions.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKMF900A: Stainless Steel Panel Kit. Not factory installed.

OPTIONAL ICE TRANSPORT KIT

KMFT4: Contains 48" of nylobrade tubing to transport ice to adjoining bin location.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

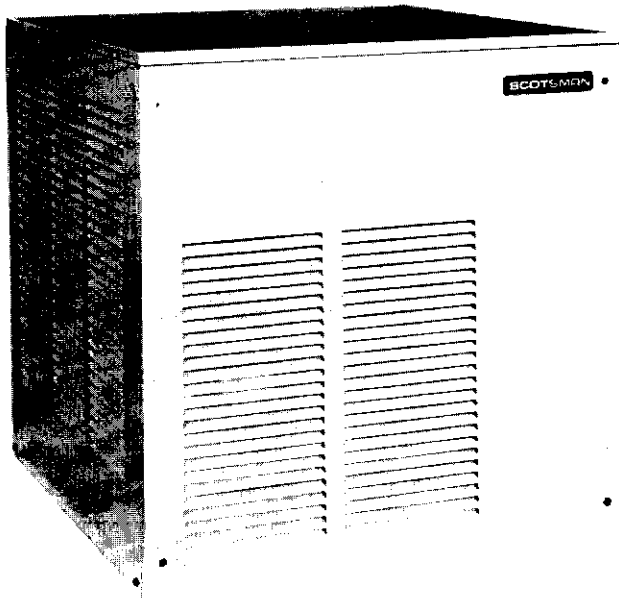
SCOTSMAN

A HOUSEHOLD

SCOTSMAN ICE SYSTEMS • 505 FRONT ST. • ALBERT LEA, MN 56007 • (507) 373-3961

INTERNATIONAL COMPANY

TWX 910-565-2173



MF700

Modular Flaker

ENERGY EFFICIENT — LOWER OPERATING COSTS

- Up to 792 lbs. of flaked ice in 24 hours.
- Continuous ice-making process ... no harvest time delays. Up to 66% energy savings.
- Delivers steady flow of ice for fast recovery of ice supply.

SIMPLE DESIGN — HIGH RELIABILITY

- Only one moving part under refrigeration.
- Heavy duty Stainless Steel auger.
- Low-refrigerant safety switch.
- Low water pressure cut-off.
- Freezing chamber clearing delay permits drivemotor to start with no load.

FLEXIBILITY — INSTALLATION CHOICES

- Air-cooled and water-cooled models.
- Optional Stainless Steel panel kit.
- Use multiple units side-by-side.
- Wide selection of Scotsman vertical and horizontal bins and extensions.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

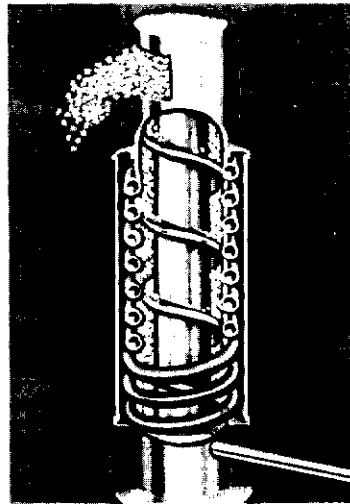
- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**



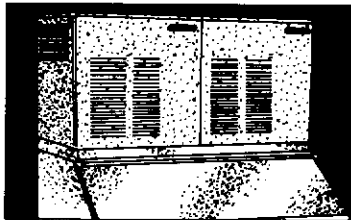
QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman ice holds up well in displays and adds sparkling appetite appeal to foods and beverages.



EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms, a stainless steel auger turns slowly, lifting ice and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.



STACKING SYSTEM

Scotsman offers a complete line of bins designed to store flake ice of varied amounts. Stack on one MF700 and add another as ice needs increase. Ice production can be doubled without utilizing any additional floor space.

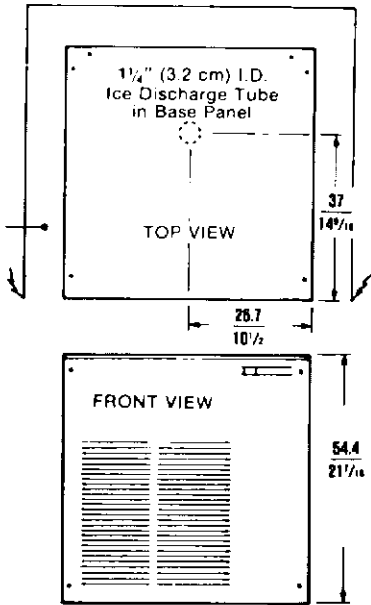
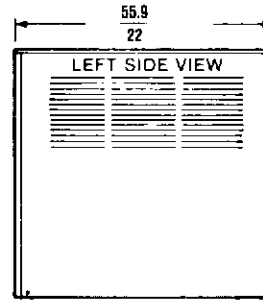
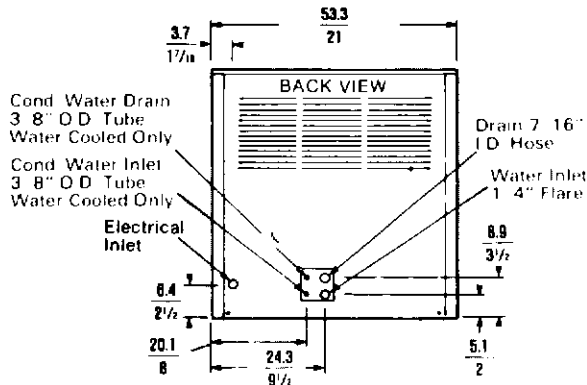
MF700 MODULAR FLAKER

This product qualifies for the following listings:



**CENTIMETERS
INCHES**

6" (15.2 cm) minimum clearance required for utility connections and ventilation



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Ice Prod. Cap. 24 Hrs.	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
MF700AE-1A	21 7/16 x 21 x 22	792 lbs.	Air	ES	115/60/1	3/4	2	17.8	20	182/83
MF700WE-1A	21 7/16 x 21 x 22	729 lbs.	Water	ES	115/60/1	3/4	2	17.3	20	182/83

** ES Leathergrain, embossed steel with high gloss, sandalwood, baked enamel finish or SPKMF700 stainless steel panel kit.
† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

MF700A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	792	660	580		lbs.
21°	357	299	263		kg.
90°	640	570	502		lbs.
32°	290	258	227		kg.
100°	560	510	460		lbs.
38°	254	231	208		kg.

MF700W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	729	638	550		lbs.
21°	330	289	249		kg.
90°	706	620	539		lbs.
32°	320	281	244		kg.
100°	685	610	530		lbs.
38°	310	276	240		kg.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

STORAGE BINS:

HTB500, BH550 with KBT10 Bin Top and B90 and extensions with KBT4A Bin Top.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKMF700A: Separate Stainless Steel Panel Kit. Not factory installed.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

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INTERNATIONAL COMPANY

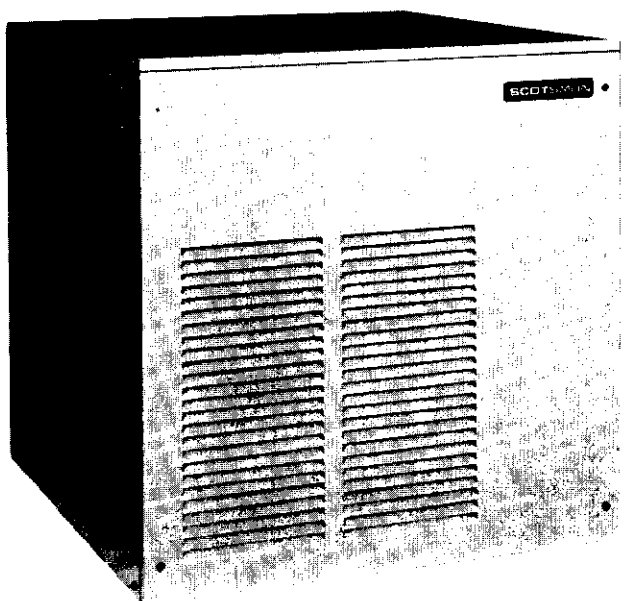
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TELEX EASYLINK 62922027

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SCOTSMAN

COMMERCIAL ICE SYSTEMS



MF400 Modular Flaker

ENERGY EFFICIENT — LOWER OPERATING COSTS

- Up to 443 lbs. of flaked ice in 24 hours.
- Continuous ice-making process ... no harvest time delays. Up to 66% more energy efficient.
- Delivers steady flow of ice for fast recovery of ice supply.

SIMPLE DESIGN — HIGH RELIABILITY

- Only one moving part under refrigeration.
- Heavy duty Stainless Steel auger.
- Low-refrigerant safety switch.
- Low water pressure cut-off.
- Freezing chamber clearing delay permits drivemotor to start with no load.

FLEXIBILITY — INSTALLATION CHOICES

- Air-cooled and water-cooled models.
- Optional Stainless Steel panel kit.
- Use multiple units side-by-side.
- Wide selection of Scotsman vertical and horizontal bins and extensions.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**



QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman ice holds up well in displays and adds sparkling appetite appeal to foods and beverages.



EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms, a stainless steel auger turns slowly, lifting ice and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.



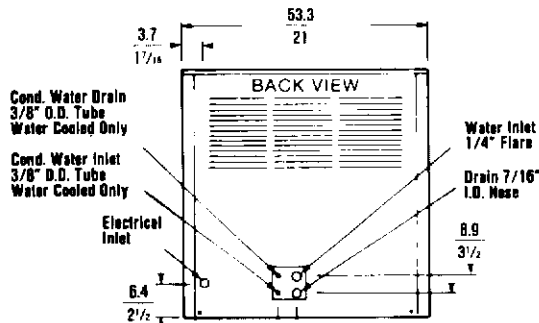
VERSATILE INSTALLATION

An MF400 flaker can be mounted on a B90 Bin or any of Scotsman's HTB or BH Bins. The variety of storage possibilities can be tailored to meet any ice usage demands.

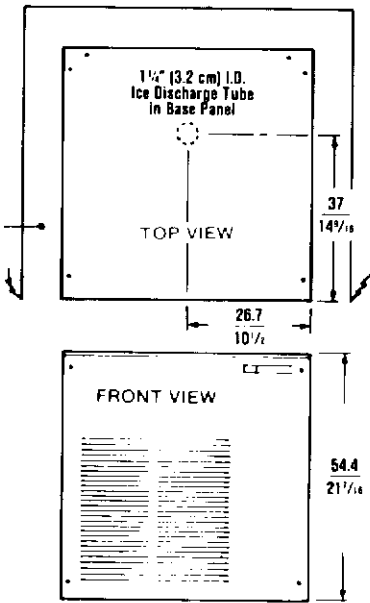
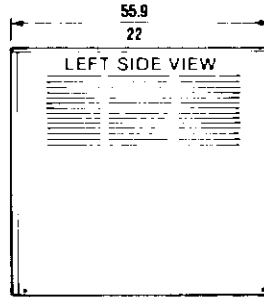
MF400 MODULAR FLAKER



This product qualifies for the following listings:



8" (15.2 cm) minimum clearance required for utility connections and ventilation



CENTIMETERS
INCHES

INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
MF400AE-1A	21 7/16 x 21 x 22	—	443 lbs.	Air	ES	ES 115/60/1	1/2	2	12.7	15	148/67
MF400WE-1A	21 7/16 x 21 x 22	—	443 lbs.	Water	ES	ES 115/60/1	1/2	2	11.4	15	151/68

** ES Leathergrain, embossed steel with high gloss, Sandalwood, baked enamel finish.
† Use this value to determine minimum wire size required to meet National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

MF400A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	443	411	369	lbs.	
21°	202	187	168	kg.	
90°	422	380	348	lbs.	
32°	191	172	158	kg.	
100°	390	359	327	lbs.	
38°	177	162	149	kg.	

MF400W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	443	411	375	lbs.	
21°	202	187	170	kg.	
90°	433	401	364	lbs.	
32°	196	181	165	kg.	
100°	427	390	359	lbs.	
38°	194	177	162	kg.	

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

STORAGE BINS:

B90, HTB500, BH550 and extensions.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKMF400A: Separate Stainless Steel Panel Kit. Not factory installed.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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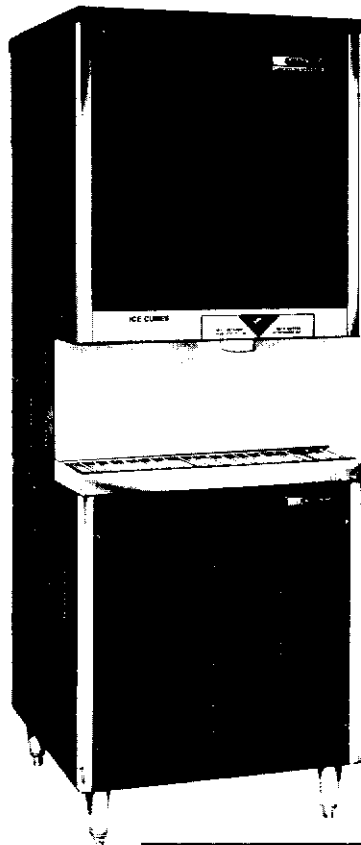
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SCOTSMAN
COMMERCIAL ICE SYSTEMS

MCD200

Self-Service Cuber-Dispenser

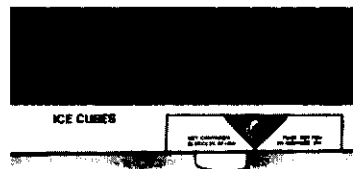


DMS50
Machine Stand
Sold Separately



SANITARY ICE

Ice is produced and stored in a completely sanitary cabinet. Cubes are dispensed pure and clean, free of contamination. Only the user is first to handle the ice.



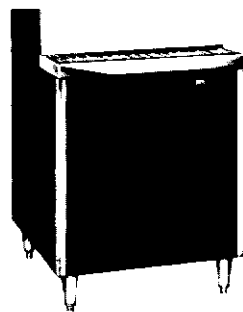
PUSHBUTTON SERVING

After placing container under spout, guest simply presses pushbutton to deliver desired quantity of ice. Continuous flow of ice stops when button is released.



EASY SERVICE ACCESS

Two screws remove the front panel permitting easy access to all mechanical working parts. Service and maintenance time can be kept to a minimum, reducing labor costs and machine downtime.



OPTIONAL DISPENSER STAND

DMS50 stand becomes the base for the MCD200 dispenser to place it at convenient serving height when counter space is not available. Allows installation as a free-standing unit when ever desired.

RELIABLE PRODUCTION — TROUBLE FREE

- Up to 211 lbs. of ice in 24 hours.
- Time tested and proven icemaking system.
- Produces appetizing, crystal clear Scotsman round cubes.
- Cubes harvest individually and stay loose in storage.

SANITARY DISPENSING — CUSTOMER CONVENIENCE

- The dispenser meets all standards of local and state health agencies.
- Avoids customer waste, supplies ice to more rooms.
- Push button vending fills any container size.
- Stainless steel storage bin holds 90 lbs.
- Ice Agitation ... Cubes are agitated every time a vend is dispensed, avoids cube clustering.
- Optional ice agitation kit.

QUALITY CONSTRUCTION — DURABILITY

- Attractively finished with high gloss baked enamel applied to heavy gauge embossed steel trimmed with vinyl walnut woodgrain and stainless steel.
- Compact 28-1/4 inch width fits most locations.
- Mounts on existing counters or on matching DMS50 Machine Stand.

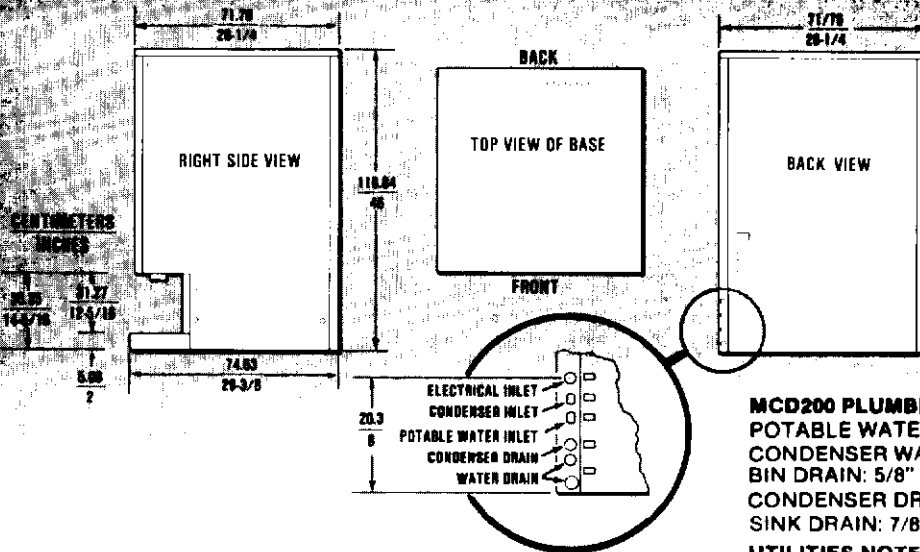
STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 60 Day Factory Labor.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Toll free service hot line and full-time Service Engineers to handle any customer service questions.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
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COMMERCIAL ICE MACHINES!**

MCD200 CUBER-DISPENSER



This product qualifies for the following listings:



MCD200 PLUMBING CONNECTIONS
 POTABLE WATER: 1/4" O.D.
 CONDENSER WATER INLET: 3/8" O.D.
 BIN DRAIN: 5/8" O.D.
 CONDENSER DRAIN: 3/8" O.D. TUBE
 SINK DRAIN: 7/8" O.D. TUBE

UTILITIES NOTE:
 UTILITY SERVICES CAN ENTER THE CABINET THROUGH THE BACK PANEL OR THROUGH THE BOTTOM PANEL.

INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

SPECIFICATIONS

Model Number	Weight - w/o Legs	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish**	Basic Electrical	Comp. H.P.	Run. Amps.	Max. Oper. Amps.	No. of Wires	Min. Circuit Capacity †	Max. Fuse Size	Shpg. Wt. lbs./kg.
MCD200SAE-1B	46 x 28 1/4 x 29 3/8	90 lbs.	190 lbs.	Small	Air	EC	115/60/1	1/2	11.0	14.8	2	14.8	15	358/162
MCD200SWE-1B	46 x 28 1/4 x 29 3/8	90 lbs.	200 lbs.	Small	Water	EC	115/60/1	1/2	9.6	13.2	2	14.2	15	358/162

**EC Leathergrain, embossed steel with high gloss, charcoal brown baked enamel finish and vinyl walnut woodgrain front panel.

†Use this value to determine minimum wire size as per National Electric Code Standards.

ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

MCD200A AIR-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
F°	50°	70°	90°		
C°	10°	21°	32°		
70°	200	184	165	lbs.	
21°	90	83	74	kg.	
90°	174	162	153	lbs.	
32°	78	73	69	kg.	
100°	158	150	140	lbs.	
38°	71	68	63	kg.	

MCD200W WATER-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
F°	50°	70°	90°		
C°	10°	21°	32°		
70°	211	192	181	lbs.	
21°	95	87	82	kg.	
90°	203	185	164	lbs.	
32°	92	83	74	kg.	
100°	201	183	159	lbs.	
38°	91	83	72	kg.	

OPTIONAL STAINLESS STEEL PANEL KIT

SPKPCD-1: Contains stainless steel sides, top and front panel. Not factory installed.

OPTIONAL AUTOMATIC ICE AGITATION KIT:

KAG200-3A: Operates during slow periods when ice is not dispersed. Automatically agitates cubes for approximately 20 seconds, 20 to 40 cycles per day, unless vend switch is pushed causing ice to be agitated during each vend.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

DMS50 MACHINE STAND

Height: 28" (71.1 cm), Width: 28 1/2" (72.4 cm), Depth: 29 1/2" (75.0 cm), Shipping Weight: 110 lbs. (50 kg.)

DMS50E: Charcoal brown gloss enamel on leathergrain embossed steel. Includes Black enamel legs.

DMS50S: Stainless steel cabinet with brushed finish and matching nickel plated legs.

12.6 kWh/100 lbs

42.0 gal/24 hrs A/C

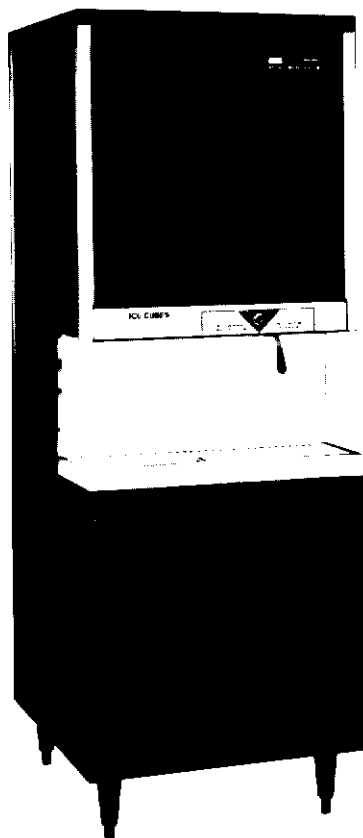
5350 BTU/H

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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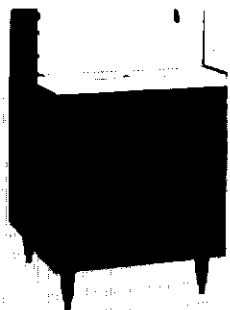


DMS51
Machine Stand
Sold Separately



SANITARY ICE

Ice is produced and stored in a completely sanitary cabinet. Cubes are dispensed pure and clean, free of contamination. Only the user is first to handle the ice.



EASY SERVICE ACCESS

Two screws remove the front panel permitting easy access to all mechanical working parts. Service and maintenance time can be kept to a minimum, reducing labor costs and machine downtime.



OPTIONAL DISPENSER STAND

DMS51 stand becomes the base for the MCD200 dispenser to place it at convenient serving height when counter space is not available. Allows installation as a free-standing unit whenever desired.

MCD200

Self-Service Cuber-Dispenser

RELIABLE PRODUCTION — TROUBLE FREE

- Up to 211 lbs. of ice in 24 hours.
- Time tested and proven icemaking system.
- Produces appetizing, crystal clear Scotsman round cubes.
- Cubes harvest individually and stay loose in storage.

SANITARY DISPENSING — CUSTOMER CONVENIENCE

- This dispenser meets all standards of local and state health agencies.
- Avoids customer waste, supplies ice to more room.
- Convenient lever vending fills any container.
- Stainless steel storage bin holds 90 lbs.
- Ice Agitation ... Cubes are agitated ever time a vend is dispensed, avoids cube clustering.

QUALITY CONSTRUCTION — DURABILITY

- Attractively finished with high gloss baked enamel applied to heavy gauge embossed steel with cork vinyl front panel.
- Compact 28 $\frac{1}{4}$ inch width fits most locations.
- Mounts on existing counters or on matching DMS51E-A Machine Stand.

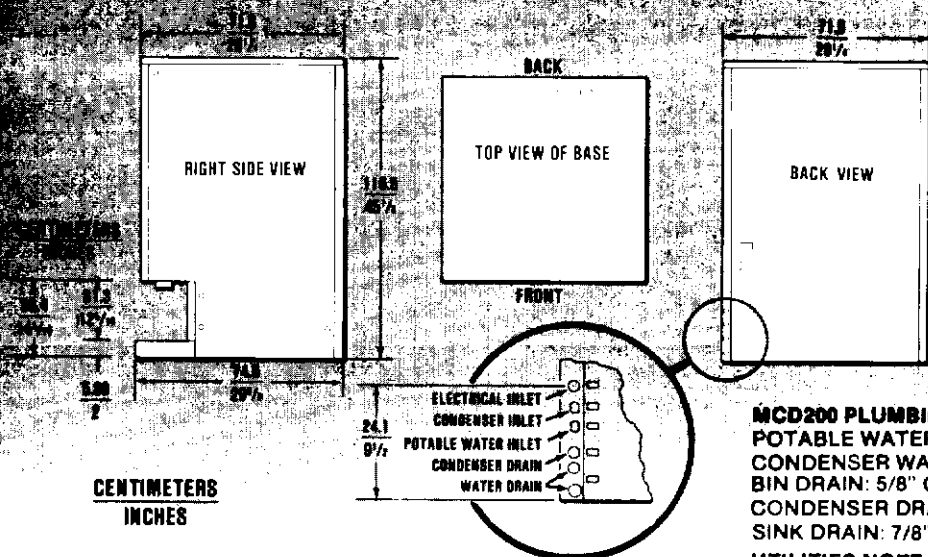
STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- Exclusive 12 Month Factory Labor.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
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COMMERCIAL ICE MACHINES!**

MCD200 CUBER-DISPENSER



This product qualifies for the following listings:



MCD200 PLUMBING CONNECTIONS

POTABLE WATER: 1/4" O.D.
 CONDENSER WATER INLET: 3/8" O.D.
 BIN DRAIN: 5/8" O.D.
 CONDENSER DRAIN: 3/8" O.D. TUBE
 SINK DRAIN: 7/8" O.D. TUBE

UTILITIES NOTE:

UTILITY SERVICES CAN ENTER THE CABINET THROUGH THE BACK PANEL OR THROUGH THE BOTTOM PANEL.

INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish**	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
MCD200SAE-1C	45 1/4 x 28 1/4 x 29 3/4	90 lbs.	200 lbs.	Small	Air	EC	115/60/1	1/2	2	14.8	15	358/162
MCD200SWE-1C	45 1/4 x 28 1/4 x 29 3/4	90 lbs.	211 lbs.	Small	Water	EC	115/60/1	1/2	2	14.2	15	337/153

** EC Leathergrain, embossed steel with high gloss, charcoal brown baked enamel finish and vinyl walnut woodgrain front panel.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

MCD200A AIR-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
F°	50°	70°	90°		
C°	10°	21°	32°	lbs.	kg.
70°	200	184	165	lbs.	
21°	90	83	74	kg.	
90°	174	162	153	lbs.	
32°	78	73	69	kg.	
100°	158	150	140	lbs.	
38°	71	65	63	kg.	

MCD200W WATER-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
F°	50°	70°	90°		
C°	10°	21°	32°	lbs.	kg.
70°	211	192	181	lbs.	
21°	95	87	82	kg.	
90°	203	185	164	lbs.	
32°	92	83	74	kg.	
100°	201	183	159	lbs.	
38°	91	83	72	kg.	

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F., or exceed 100° F.; nor were water temperatures fall below 40° F., or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

DMS51E-A MACHINE STAND

Height: 28" (71.1 cm), Width: 28 1/4" (72.4 cm),
 Depth: 29 3/8" (74.7 cm), Shipping Weight: 115 lbs. (52 kg.)

DMS51E-A: Charcoal brown gloss enamel on leathergrain embossed steel. Includes Black enamel legs.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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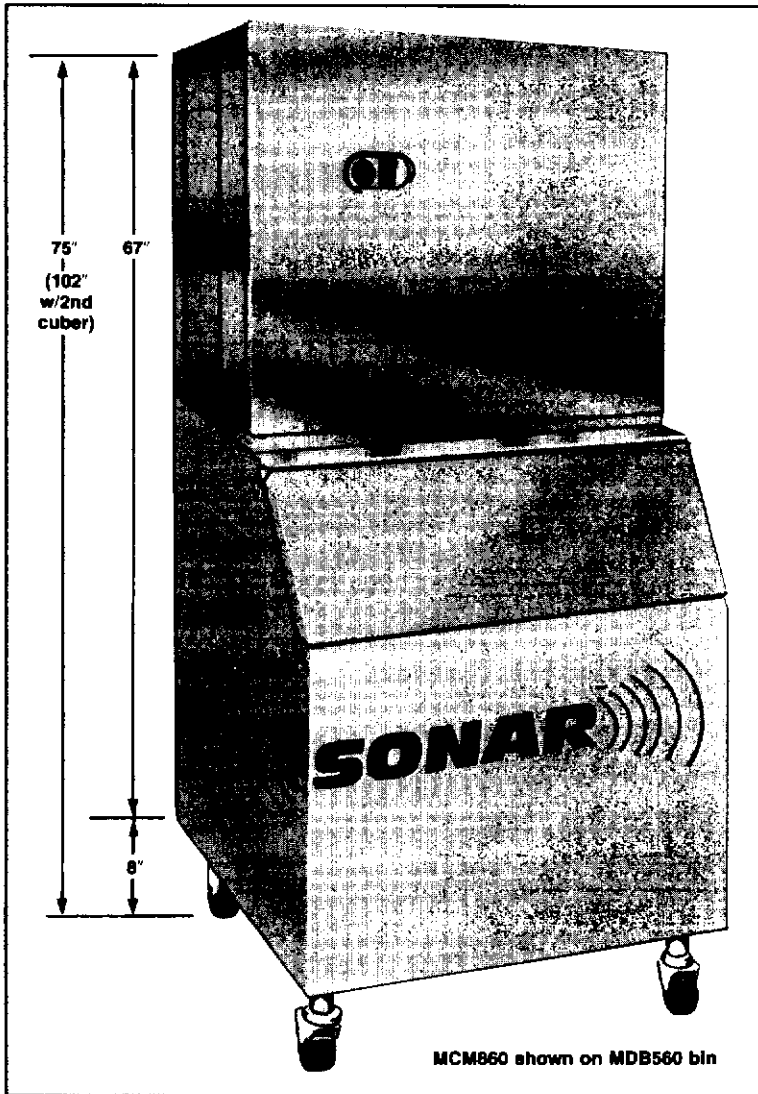
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MCM860RS

Slim Modular Cuber with Remote Condenser Flexibility

SCOTSMAN



MDB560 ICE STORAGE BIN

- Double wall rotational polyethelene interior and exterior construction
- Low maintenance
- High reliability
- Sanitary polyethelene interior and exterior
- Casters included
- Easy access door profile
- Self sealing door (no gasket required)

VOLUME PRODUCTION – LOWER OPERATING COSTS

- Up to 700 lbs. of ice in 24 hours
- Stackable
- Optimized water consumption
- Type 300 series stainless steel cuber cabinet

NEW DESIGN CONCEPT

- Solid state variable ice level control
- No moving parts under refrigeration
- Field tested
- Cubes are made on both sides of the evaporator plates

EASY TO SERVICE

- Convenient front service for cleaning, maintenance and adjustments
- All electrical and plumbing hook-ups are external on the rear panel

THE CONTOUR CUBE SHAPE – HANDLING EASE

- No splashing, less spilling
- Highest possible displacement – nestling characteristics of Contour Cubes™

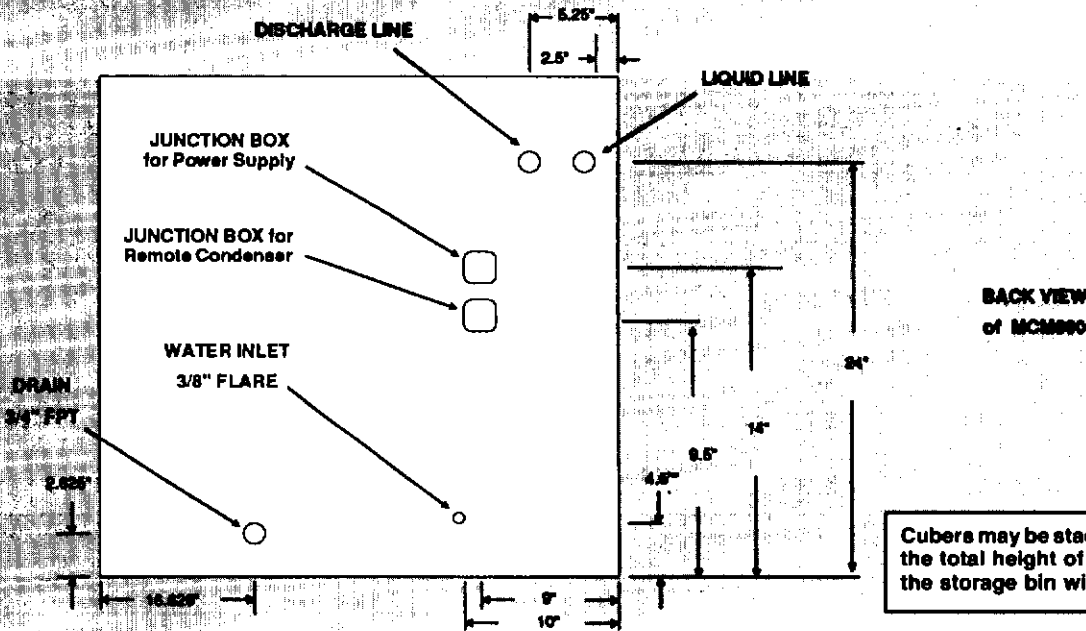
REMOTE CONDENSER – FLEXIBILITY

- Operates in a wide outdoor temperature range – from – 20° to 120° F
- Offers a choice of single or dual unit installation possibilities
- Choice of 55, 65, 75, or 80 foot pre-charged refrigerant lines with easy to install quick connect couplings
- Compatible with Mac 6, or Scotsman condenser

WARRANTY – SATISFACTION

- 24 month factory labor coverage
- 24 months on all parts
- 5 years on compressor and evaporator
- Directory of certified service dealers

MCM860RS SLIM MODULAR CUBER WITH REMOTE CONDENSER FLEXIBILITY



SPECIFICATIONS:

ICE MAKER

Model Number	Dimensions W x D x H"	Ice Prod. Cap. 24 hrs.	Cube Type	Condenser Type	Finish	Base Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity	Min. Fuse Size	Ship Wt. lbs./kg.
MCM860	30 x 24 x 27	700	Contour	Remote Air	SS	208-230/60/3	1/4	3	15	20	290/135

SCOTSMAN'S REMOTE CONDENSER FOR USE WITH MCM860 ICE MACHINES

Model Number	Dimensions W x D x H"	For use with	Finish	Base Electrical	Minimum Circuit Ampacity*	Shipping Wt. lbs./kg.
RC1052-32A	22 x 37 ¹⁵ / ₁₆ x 27 ¹³ / ₁₆	(1)MCM860	Galvanized	208-230/60/1	2	84/38
RC1052-32A	22 x 37 ¹⁵ / ₁₆ x 27 ¹³ / ₁₆	(1 or 2)MCM860	Galvanized	208-230/60/1	2	84/38

* This value is included in the minimum circuit ampacity of the ice machine. Fan relay kit KCMR230 is required when connecting two MCM860's to one RC1052-32A remote condenser. Installations require pre-charged tubing kits, one per ice maker.

ICE STORAGE BIN

Model Number	Dimensions W x D x H"	Cube Prod.	Capacity	Finish	Shipping Wt. lbs./kg.
MDB560	30 x 35.5 x 40	17.5	465**	Double Wall Polyethylene (interior & exterior)	160/73

** Estimated first shut off with CM ice

PERFORMANCE

		Cond. Air Temp.	Ambient Air Temp.	Water Temp.	Ice Production
Low Temperature	F°/C°	-20/-29	80/26.7	55/12.6	735 lbs./333 kg.
Normal Temperature	F°/C°	90/32.2	80/26.7	70/21.1	620 lbs./281 kg.
High Temperature	F°/C°	110/26.7	80/26.7	80/26.7	572 lbs./232 kg.

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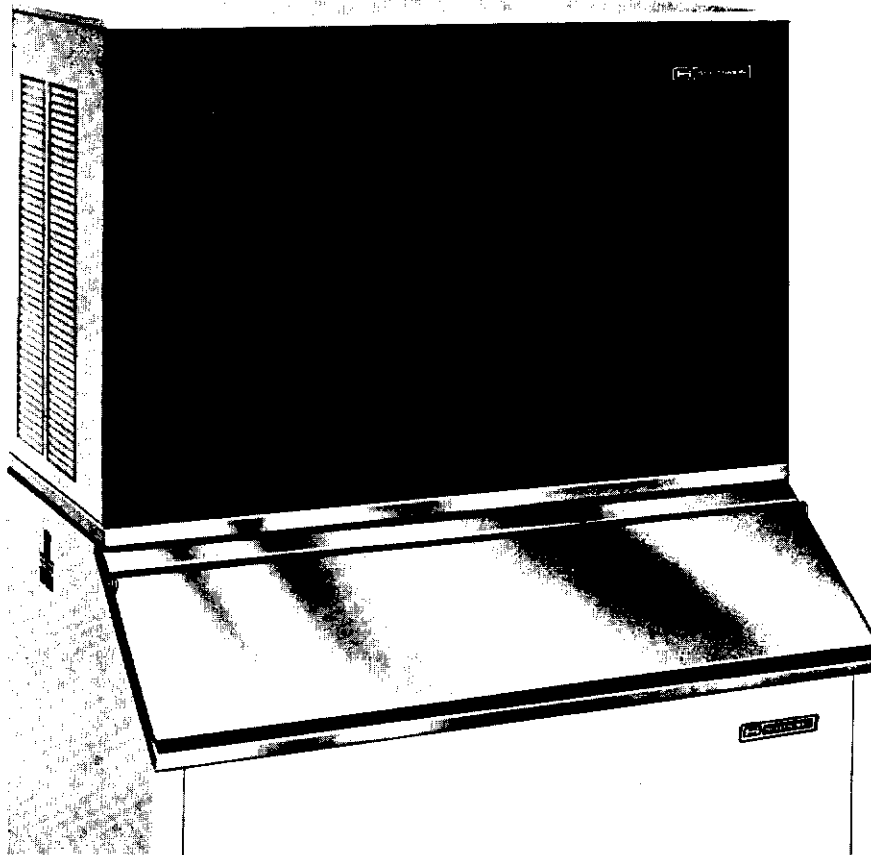
775 CORPORATE WOODS PARKWAY • VERNON HILLS, IL 60061 • (708) 215-4550
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COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

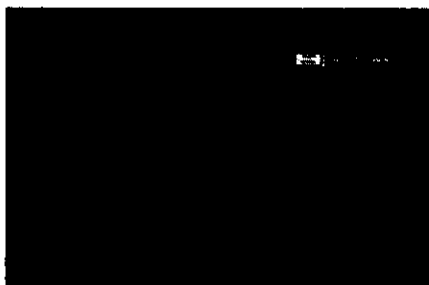


MC35 Cuber and choice of storage bin are sold separately.

MC 35 cuber

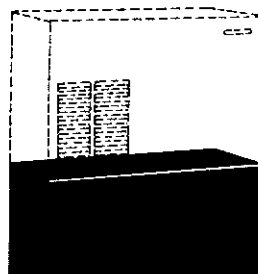
If your ice requirements are king-sized, the MC35 will fill the need. The MC35 produces up to 530* lbs. of ice in 24 hours, and with the Scotsman modular cuber system, another cuber can be stacked on top to double production. With the flexibility of Scotsman's modular cuber system and bin extensions, your changing ice requirements can be fulfilled efficiently and economically. The MC35 produces the famous Scotsman "round cube" . . . pure, crystal clear ice that melts slowly and never taints the taste of a beverage. Three popular cube sizes are available. Select the size best suited to your needs. Let Scotsman install the cubed ice system that will grow with your business.

*See Ice Making Capacity on other side.



WOOD GRAIN FRONT PANEL

Front panel is finished in wood grain vinyl. When mounted on top of a B40 or B60 Bin, the combination makes an attractive free-standing unit.



ADD-ON SYSTEM

Double ice production by stacking an additional MC Series cuber on top of existing unit.



PURIFIED ICE

Fresh water is jet-sprayed in cube cups from the spray nozzle. Pure water freezes at higher temperature, thus allowing sediment and other impurities to drain away, leaving pure, clear ice.



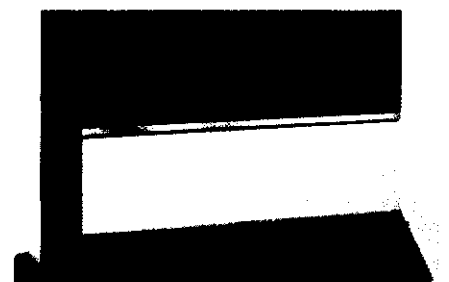
THREE CUBE SIZES

Three cube sizes are available: large, medium, or small . . . there is a perfect cube size to meet any ice requirement.



APPROVALS

The MC35 is fully approved by: National Sanitation Foundation, Underwriters Laboratories & Canadian Standards approved.



BIN EXTENSIONS

For additional ice storage, mount an MC35 on top of a bin extension. Two bin extensions are available for the B40, B60, B80 and B90 Bins.

MC35 cuber

*Capacity: Refer to Ice Making Capacity chart.

Storage Bin: The MC35 will stack onto a variety of Scotsman Modular Bins such as the B40, B60, B80 and B90. See your dealer for latest models of bins and bin extensions which combine for added capacity.

Height: 28-3/4" (73.0cm) **Width:** 42-5/16" (107.5cm)

Depth: 23-1/8" (58.8cm)

Weight: Air 304 lbs. (138 kg.) Water 296 lbs. (135 kg.)

*ICE MAKING CAPACITY

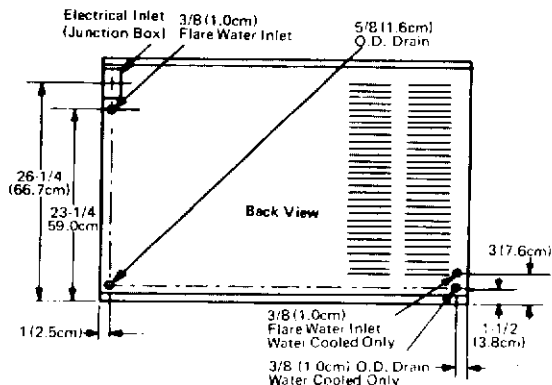
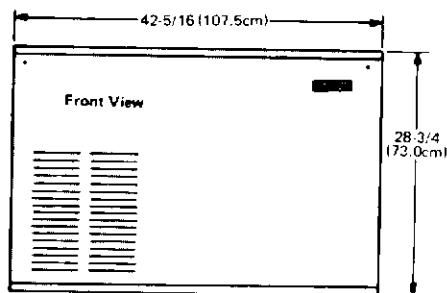
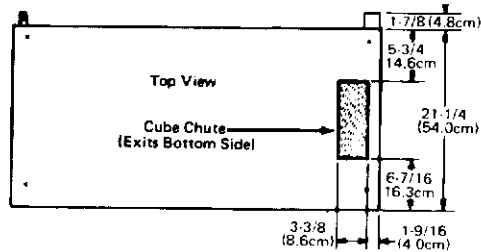
Typical ice production— Medium size cube
Lbs. of ice per 24 hours.

MC35 MA AIR-COOLED WATER TEMP.

F°	90°	70°	50°	lbs.
	C°	21°	10°	
70°	430	475	530	kg.
21°	196	216	241	
90°	405	440	475	lbs.
32°	184	200	216	
100°	365	395	425	lbs.
38°	166	180	193	

MC35MW WATER-COOLED WATER TEMP.

F°	90°	70°	50°	lbs.
	C°	21°	10°	
70°	405	435	475	kg.
21°	184	198	216	
90°	390	420	455	lbs.
32°	177	191	207	
100°	380	415	445	lbs.
38°	173	189	202	



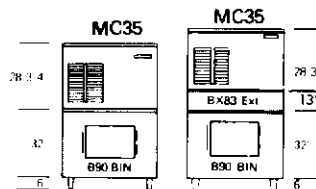
Note: Production shown is for medium size cube from machine with properly adjusted cube size and defrost controls. Large or small cube production is approximately 15% lower.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F. or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.



MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment or for a period of 27 months from date of shipment of equipment from the factory, whichever period is last to expire, provided in either such case installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Labor charges are not covered. No part or assembly which has been subject to accident, alteration, or misuse, or is from a machine whose serial number has been altered or removed, is covered by the Scotsman warranty. After thorough examination, a decision by the Scotsman's Service Department shall be final. The serial and model numbers of parts and the date of original installation of any machine must be given.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any Product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE BY SCOTSMAN OR ITS REPRESENTATIVES

MC35 MACHINE SPECIFICATIONS

Model Number	Cube Size	Condensing Unit	Compressor Horsepower	Finish*	Ship.Wt. lbs./kgs.
MC35SAE	Small	Air	1	Enamel	315/143
MC35SWE	Small	Water	1	Enamel	305/138
MC35MAE	Medium	Air	1	Enamel	315/143
MC35MWE	Medium	Water	1	Enamel	305/138
MC35LAE	Large	Air	1	Enamel	315/143
MC35LWE	Large	Water	1	Enamel	305/138

*Sandalwood enamel Micomatte finish with walnut wood grain vinyl trim. For stainless steel finish order SPKMC2 panel kit.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min.* Circuit Ampacity	Max. Fuse Size
MC35				
Air-Cooled: 115/230/60/1	15.3	3	18.6	20
Water-Cooled: 115/230/60/1	14.6	3	17.9	20

*Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

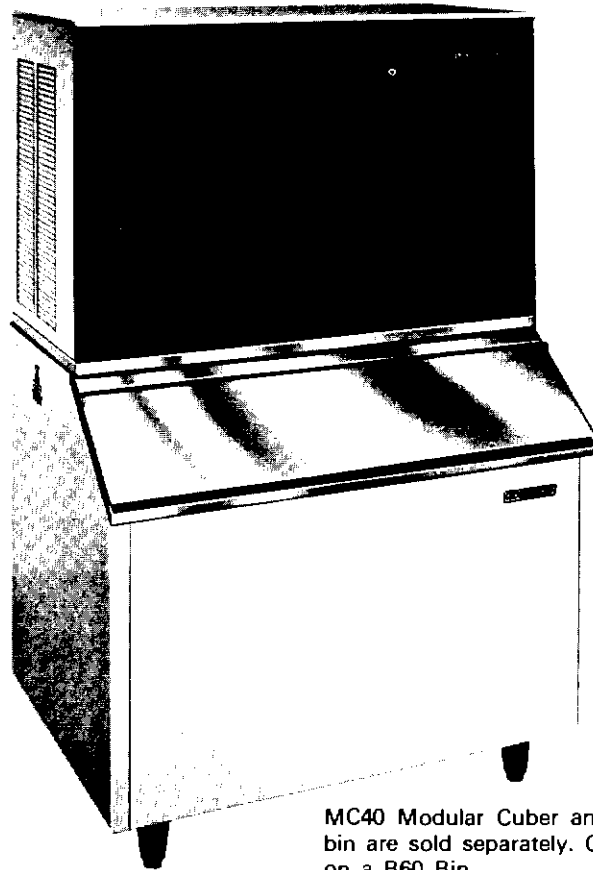


QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MN 56007



SCOTSMAN®

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

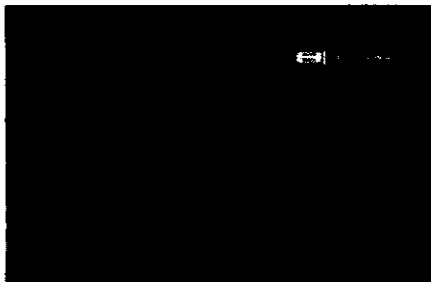


MC40 modular cuber

If your ice requirements are king-sized the MC40 will fill the need. The MC40 produces up to 700* lbs. of ice in 24 hours, and with the Scotsman modular cuber system, another cuber can be stacked on top to double production. With the flexibility of Scotsman's modular cuber system and bin extensions, your changing ice requirements can be fulfilled efficiently and economically. The MC40 produces the famous Scotsman "round cube" . . . ice that melts slowly and never taints the taste of a beverage. Two popular cube sizes are available. Select the size best suited to your needs. Let Scotsman install the cubed ice system that will grow with your business.

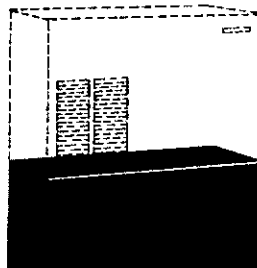
MC40 Modular Cuber and choice of storage bin are sold separately. Cuber is shown here on a B60 Bin.

* See Ice Making Capacity on other side.



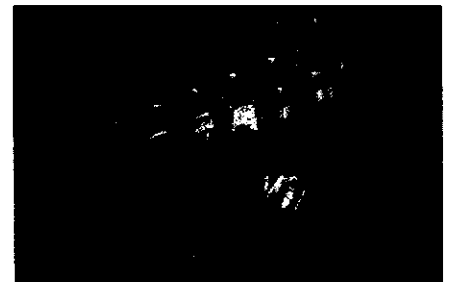
WOOD GRAIN FRONT PANEL

Front panel is finished in wood grain vinyl. When mounted on top of a modular storage Bin, the combination makes an attractive free-standing unit.



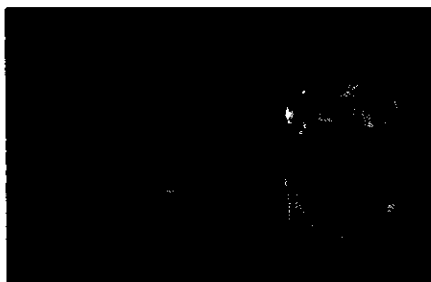
ADD-ON SYSTEM

Double ice production by stacking an additional modular cuber on top of existing unit.



PURIFIED ICE

Fresh water is jet-sprayed in cube cups from the spray nozzle. Pure water freezes at higher temperature, thus allowing sediment and other impurities to drain away.



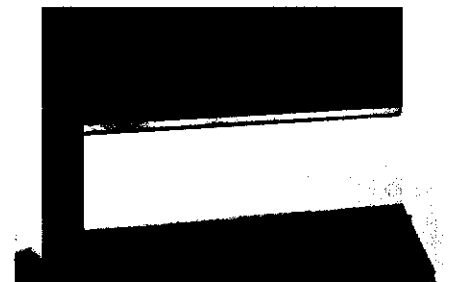
SMALL OR MEDIUM CUBES

Scotsman's unique round cube design provides sizes to meet most ice requirements. The solid cubes melt slowly and won't freeze together.



APPROVALS

The MC40 is fully approved by: National Sanitation Foundation, Underwriters Laboratories and Canadian Standards Association.



BIN EXTENSIONS

For additional ice storage, mount an MC40 on top of a bin extension. Bin extensions are available for the B40, B60, B80 and B90 Bins.

MC40 modular cuber

***Capacity:** Refer to Ice Making Capacity chart.
Storage Bin: The MC40 will stack onto a variety of Scotsman Modular Bins such as the B40, B60, B80 and B90. See your dealer for latest models of bins and bin extensions which combine for added capacity.
Height: 28-3/4" (73.0cm) **Width:** 42-5/16" (107.5cm)
Depth: 23-1/8" (58.8cm)
Shipping Wt: Air 346 lbs. (157 kg.) Water 336 lbs. (153 kg.)

***ICE MAKING CAPACITY**
Typical ice production—Medium size cube
Lbs. of ice per 24 hours.

MC40MA AIR-COOLED WATER TEMP.

AIR TEMP. C°	WATER TEMP.			lbs.
	90°	70°	50°	
70°	550	615	700	lbs.
21°	250	280	319	kg.
90°	535	575	695	lbs.
32°	243	262	316	kg.
100°	465	505	545	lbs.
38°	212	230	248	kg.

MC40MW WATER-COOLED WATER TEMP.

AIR TEMP. C°	WATER TEMP.			lbs.
	90°	70°	50°	
70°	575	630	650	lbs.
21°	262	287	296	kg.
90°	555	610	640	lbs.
32°	253	278	291	kg.
100°	550	600	635	lbs.
38°	250	273	289	kg.

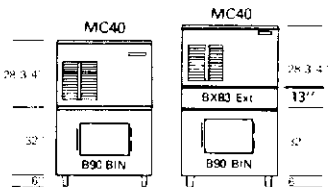
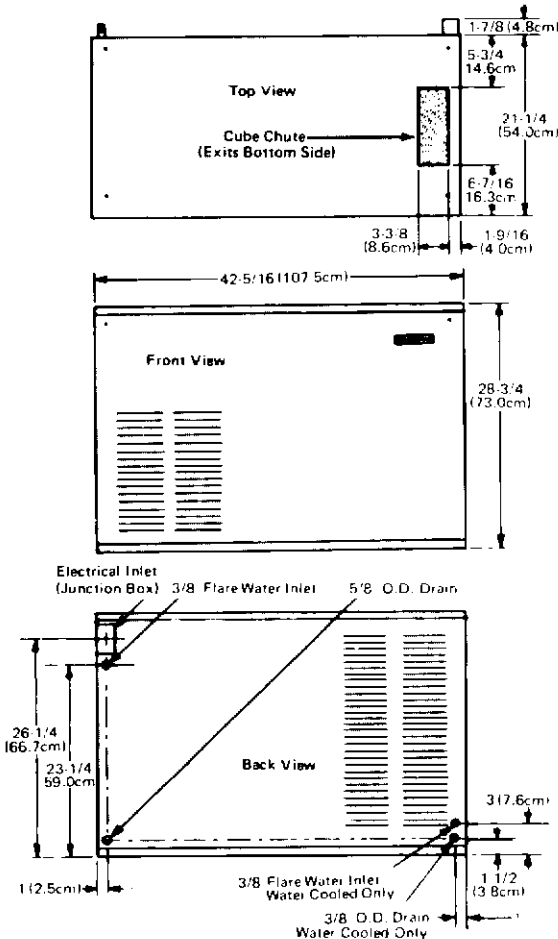
Note: Production shown is for medium size cube from machine with properly adjusted cube size and defrost controls. Small cube production is approximately 15% lower.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F. or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.



MC40 MODULAR CUBER SPECIFICATIONS

Model Number	Cube Size	Condensing Unit	Compressor Horsepower	Finish*	Ship.Wt. lbs./kgs.
MC40SAE	Small	Air	1.5	Enamel	346/157
MC40SWE	Small	Water	1.5	Enamel	336/153
MC40MAE	Medium	Air	1.5	Enamel	346/157
MC40MWE	Medium	Water	1.5	Enamel	336/153

*Sandalwood enamel Micomatte finish with walnut wood grain vinyl trim.
 For stainless steel finish order SPKMC2 panel kit.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min.* Circuit Ampacity	Max. Fuse Size
MC40				
Air-Cooled: 115/208-220/60/1	22.4	3	26.4	25
Air-Cooled: 115/208-220/60/3	15.7	4	18.0	20
Water-Cooled: 115/208-220/60/1	21.4	3	25.9	25
Water-Cooled: 115/208-220/60/3	14.7	4	17.5	20

*Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

MANUFACTURER'S LIMITED WARRANTY

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Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Labor charges are not covered. No part or assembly which has been subject to accident, alteration, or misuse, or is from a machine whose serial number has been altered or removed, is covered by the Scotsman warranty. After thorough examination, a decision by the Scotsman's Service Department shall be final. The serial and model numbers of parts and the date of original installation of any machine must be given.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any Product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE BY SCOTSMAN OR ITS REPRESENTATIVES

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

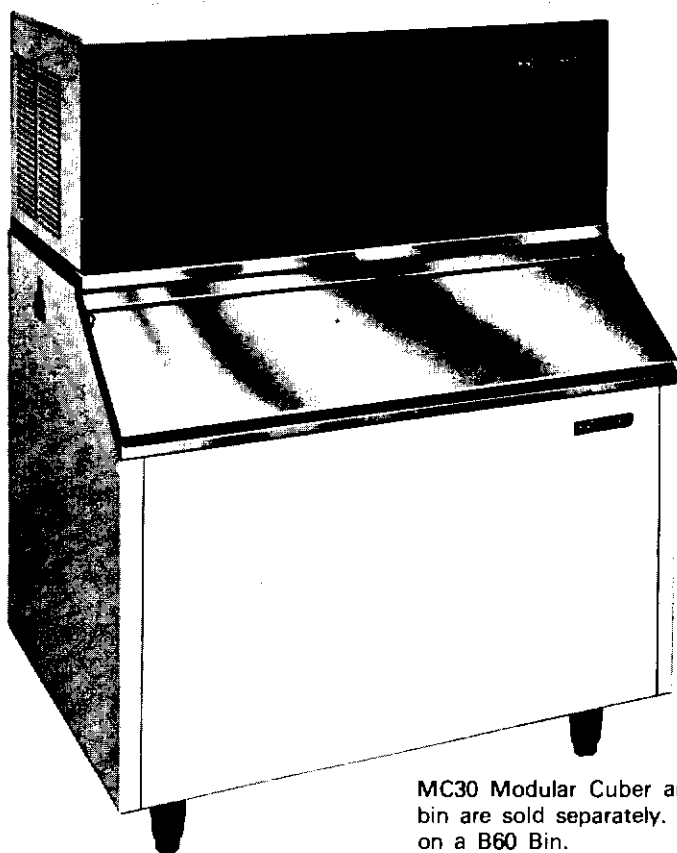


QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MN 56007



SCOTSMAN®

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

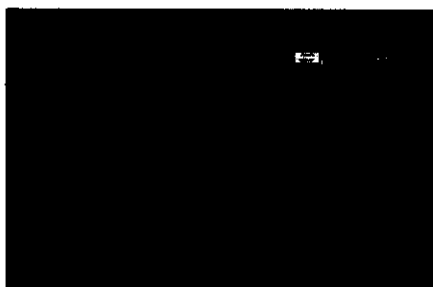


MC30 modular cuber

A cube ice system that grows as your business increases. The MC30 Series cuber produces up to 375* lbs. of Scotsman unique round cubes in 24 hours. By adding another MC30 to your ice system, production is doubled. This versatile stacking system allows complete flexibility in meeting your ice needs without the investment of completely new equipment. You have a choice of 2 popular cube sizes with the MC30 and all cubes are made with Scotsman's patented method. Let Scotsman's cube ice systems grow with your business.

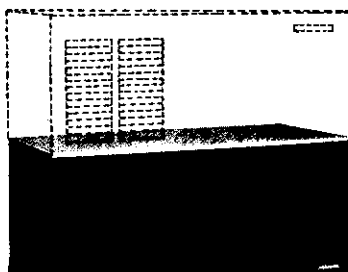
** See Ice Making Capacity on other side.*

MC30 Modular Cuber and choice of storage bin are sold separately. Cuber is shown here on a B60 Bin.



WOOD GRAIN FRONT PANEL

Front panel is finished in wood grain vinyl. When mounted on top of a modular storage Bin, the combination makes an attractive free-standing unit.



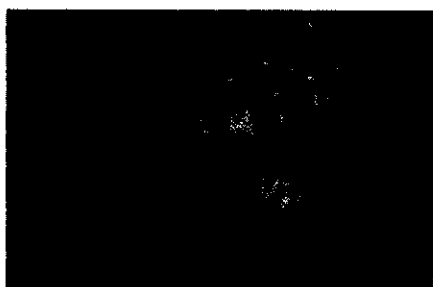
ADD-ON SYSTEM

Double ice production by stacking an additional modular cuber on top of existing unit.



SMALL OR MEDIUM CUBES

Scotsman's unique round cube design provides sizes to meet most ice requirements. The solid cubes melt slowly and won't freeze together.



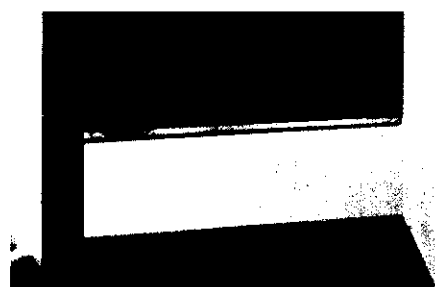
PURIFIED ICE

Fresh water is jet-sprayed in cube cups from the spray nozzle. Pure water freezes at higher temperature, thus allowing sediment and other impurities to drain away.



APPROVALS

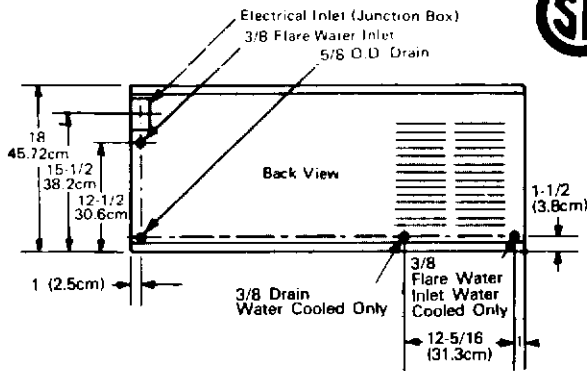
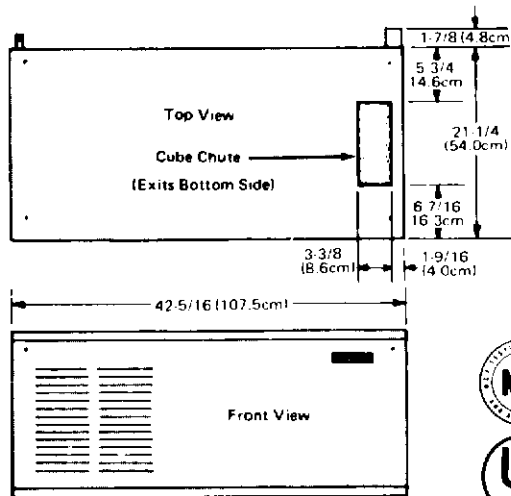
The MC30 is fully approved by: National Sanitation Foundation, Underwriters Laboratories and Canadian Standards Association.



BIN EXTENSIONS

For additional ice storage, mount an MC30 on top of a bin extension. Bin extensions are available for the B40, B60, B80 and B90 Bins.

MC30 modular cuber



MC30 MODULAR CUBER SPECIFICATIONS

Model Number	Cube Size	Condensing Unit	Compressor Horsepower	Finish*	Ship.Wt. lbs./kgs.
MC30SAE	Small	Air	1	Enamel	250/114
MC30SWE	Small	Water	1	Enamel	250/114
MC30MAE	Medium	Air	1	Enamel	250/114
MC30MWE	Medium	Water	1	Enamel	250/114

*Sandalwood enamel Micomatte finish with walnut wood grain vinyl trim.
For stainless steel finish order SPKMC1 panel kit.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min.* Circuit Ampacity	Max. Fuse Size
MC30 Air-Cooled: 115/60/1	28.3	2	34.7	35
MC30 Water-Cooled: 115/60/1	27.5	2	33.9	35

*Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

*Capacity: Refer to Ice Making Capacity chart.
Storage Bin: The MC30 will stack onto a variety of Scotsman Modular Bins such as the B40, B60, B60 and B90. See your dealer for latest models of bins and bin extensions which combine for added capacity.
Height: 18" (45.7cm) Width: 42-5/16" (107.5cm)
Depth: 23-1/8" (58.8cm)
Shipping Wt: Air 250 lbs. (114 kg.) Water 250 lbs. (114 kg.)

*ICE MAKING CAPACITY

Typical ice production— Medium size cube
Lbs. of ice per 24 hours.

MC30MA AIR-COOLED WATER TEMP.

F°	90°	70°	50°	
C°	32°	21°	10°	
70°	320	345	375	lbs.
21°	146	157	171	kg.
90°	285	310	340	lbs.
32°	130	141	155	kg.
100°	250	280	310	lbs.
38°	114	127	141	kg.

MC30MW WATER-COOLED WATER TEMP.

F°	90°	70°	50°	
C°	32°	21°	10°	
70°	300	335	360	lbs.
21°	137	152	164	kg.
90°	280	320	355	lbs.
32°	127	146	162	kg.
100°	275	315	350	lbs.
38°	125	143	159	kg.

Note: Production shown is for medium size cube from machine with properly adjusted cube size and defrost controls. Small cube production is approximately 15% lower.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

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Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

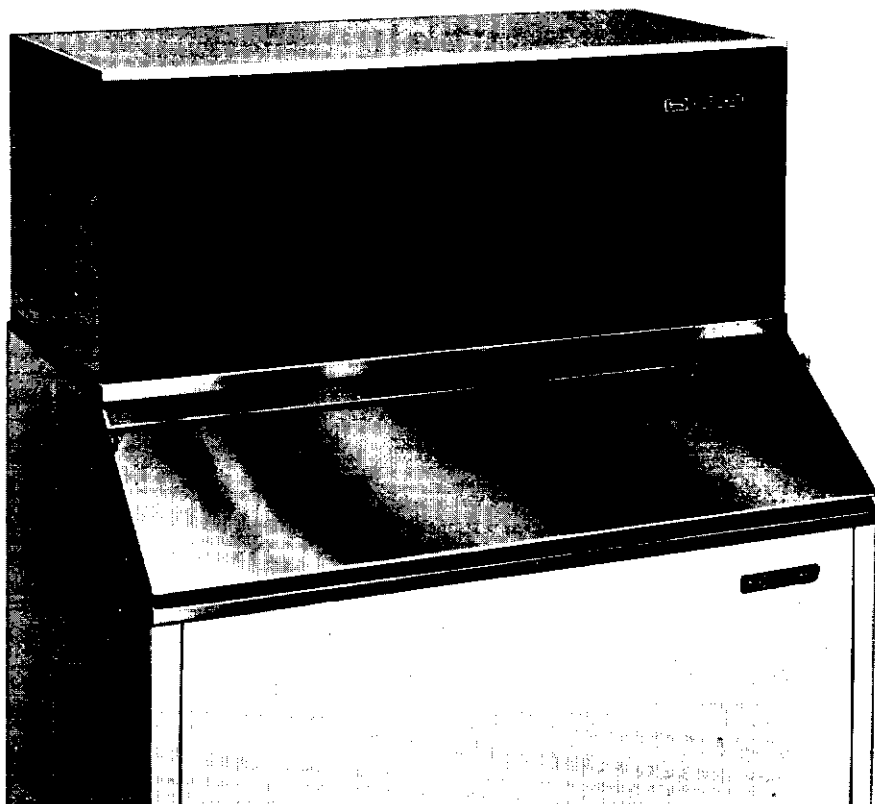


QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MN 56007



SCOTSMAN[®]

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

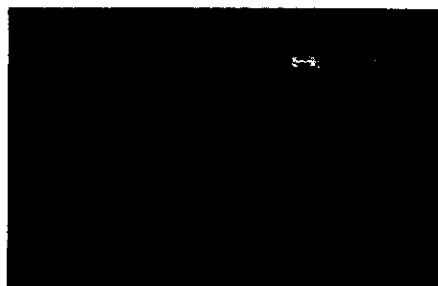


MC 25 cuber

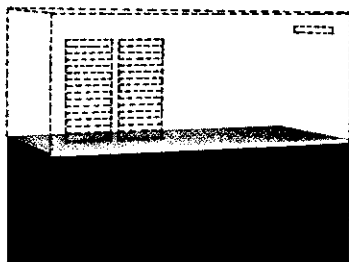
A cubed ice system that grows as your business increases. The MC25 Series cuber produces up to 305* lbs. of Scotsman unique crystal clear, round cubes in 24 hours. By adding another MC25 to your ice system, production is doubled. If more ice is required, an MC35 can be stacked on top of the MC25 and increase ice production by up to 530 lbs. This versatile stacking system allows complete flexibility in meeting your ice needs without the investment of completely new equipment. You have a choice of 3 popular cube sizes with the MC25 and all cubes are made with Scotsman's patented method. Let Scotsman's cubed ice systems grow with your business.

MC25 Cuber and choice of storage bin are sold separately.

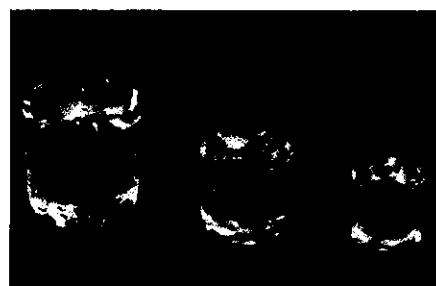
* See Ice Making Capacity on other side.



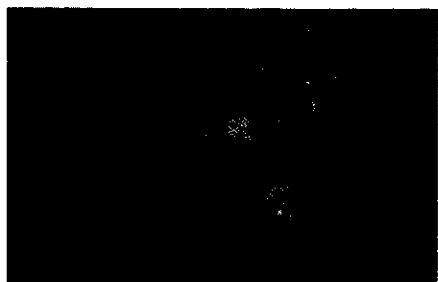
WOOD GRAIN FRONT PANEL
Front panel is finished in wood grain vinyl. When mounted on top of a B40 or B60 Bin, the combination makes an attractive free-standing unit.



ADD-ON SYSTEM
Double ice production by stacking an additional MC Series cuber on top of existing unit.



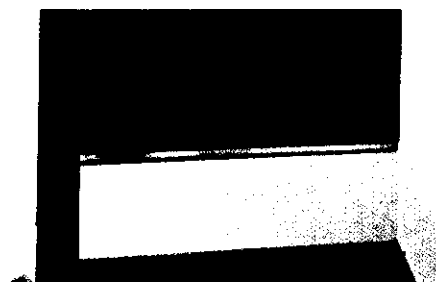
THREE CUBE SIZES
Three cube sizes are available: large, medium or small. Select the one best suited for your operation.



PURIFIED ICE
Fresh water is jet-sprayed in cube cups from the spray nozzle. Pure water freezes at higher temperature, thus allowing sediment and other impurities to drain away . . . The result — pure, clear, round cubes of ice.

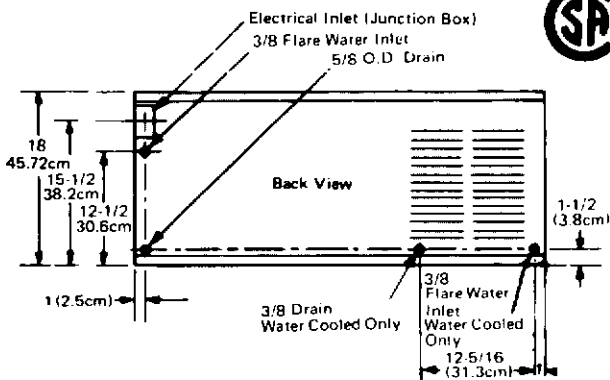
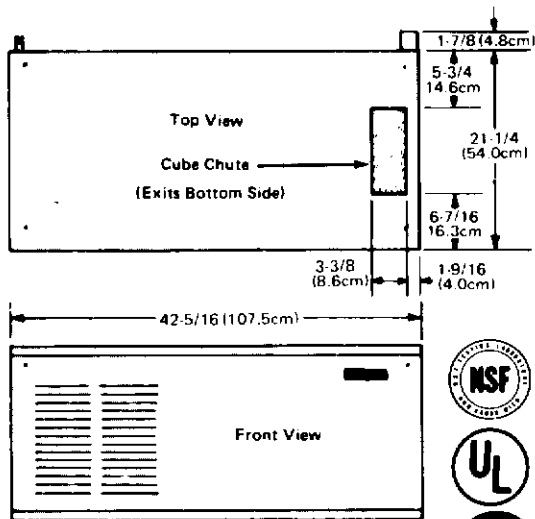


APPROVALS
The MC25 is fully approved by: National Sanitation Foundation, Underwriters Laboratories & Canadian Standards approved.



BIN EXTENSIONS
For additional ice storage, mount an MC25 on top of a bin extension. Two bin extensions are available for the B40, B60, B80 and B90 Bins.

MC 25 cuber



*Capacity: Refer to Ice Making Capacity chart.
Storage Bin: The MC25 will stack onto a variety of Scotsman Modular Bins such as the B40, B60, B80 and B90. See your dealer for latest models of bins and bin extensions which combine for added capacity.
Height: 18" (45.7cm) **Width:** 42-5/16" (107.5cm)
Depth: 23-1/8" (58.8cm)
Weight: Air 229 lbs. (104 kg.) Water 225 lbs. (102 kg.)

***ICE MAKING CAPACITY**
 Typical ice production— Medium size cube
 Lbs. of ice per 24 hours.

MC25MA AIR-COOLED WATER TEMP.

F°	90°	70°	50°	lbs.
	C°	32°	21°	
70°	220	255	305	lbs.
21°	100	116	139	kg.
90°	200	220	250	lbs.
32°	91	100	114	kg.
100°	180	200	220	lbs.
38°	82	91	100	kg.

MC25MW WATER-COOLED WATER TEMP.

F°	90°	70°	50°	lbs.
	C°	32°	21°	
70°	200	245	285	lbs.
21°	91	111	130	kg.
90°	195	235	265	lbs.
32°	89	107	121	kg.
100°	190	225	255	lbs.
38°	86	102	116	kg.

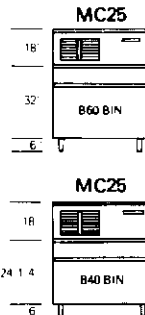
Note: Production shown is for medium size cube from machine with properly adjusted cube size and defrost controls. Large or small cube production is approximately 15% lower.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F. or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.



MC25 MACHINE SPECIFICATIONS

Model Number	Cube Size	Condensing Unit	Compressor Horsepower	Finish*	Ship. Wt. lbs./kgs.
MC25SAE	Small	Air	3/4	Enamel	230/104
MC25SWE	Small	Water	3/4	Enamel	230/104
MC25MAE	Medium	Air	3/4	Enamel	230/104
MC25MWE	Medium	Water	3/4	Enamel	230/104
MC25LAE	Large	Air	3/4	Enamel	230/104
MC25LWE	Large	Water	3/4	Enamel	230/104

*Sandalwood enamel Micomatte finish with walnut wood grain vinyl trim.
 For stainless steel finish order SPKMC1 panel kit.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min.* Circuit Ampacity	Max. Fuse Size
MC25 Air-Cooled: 115/60/1	21.3	2	25.8	25
MC25 Water-Cooled: 115/60/1	20.55	2	24.0	25

*Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment or for a period of 27 months from date of shipment of equipment from the factory, whichever period is last to expire, provided in either such case installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Labor charges are not covered. No part or assembly which has been subject to accident, alteration, or misuse, or is from a machine whose serial number has been altered or removed, is covered by the Scotsman warranty. After thorough examination, a decision by the Scotsman's Service Department shall be final. The serial and model numbers of parts and the date of original installation of any machine must be given.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE BY SCOTSMAN OR ITS REPRESENTATIVES

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MN 56007

SCOTSMAN

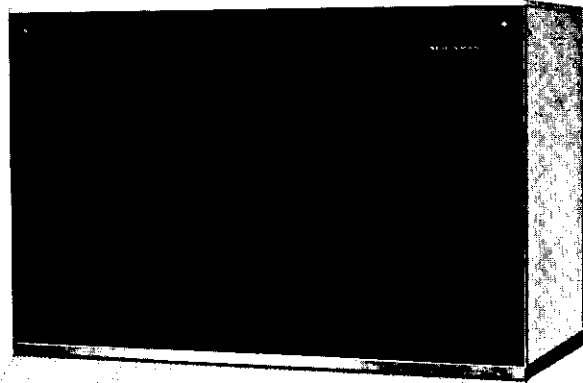
ICE MACHINES

PRODUCT NAME:

SCOTSMAN CUBER MODEL MC2 SERIES

MANUFACTURER:

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007



SHOWN 3 QTR. SIZE

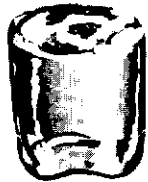
Model MCL2
produces
large cubes



Model MCM2
produces
medium cubes



Model MCS2
produces
small cubes

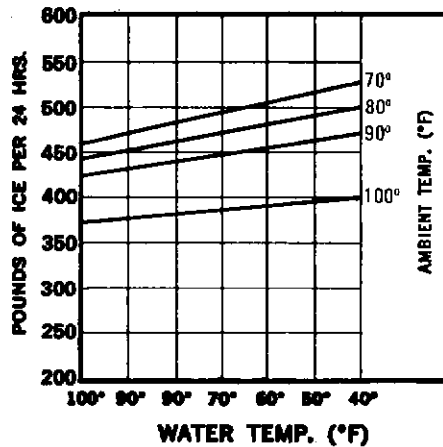


(ILLUSTRATED ON B550 BIN)

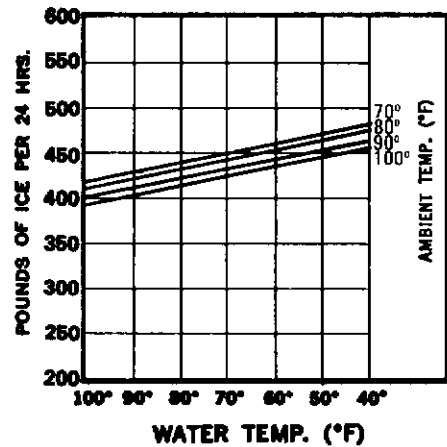


Ice MAKING CAPACITY:

AIR COOLED MODELS



WATER COOLED MODELS



NOTE: Capacity illustrated for medium size cube.
(Slightly lower for other cube sizes.)

SCOTSMAN®

MC2 SERIES

Capacity: Refer to production chart.

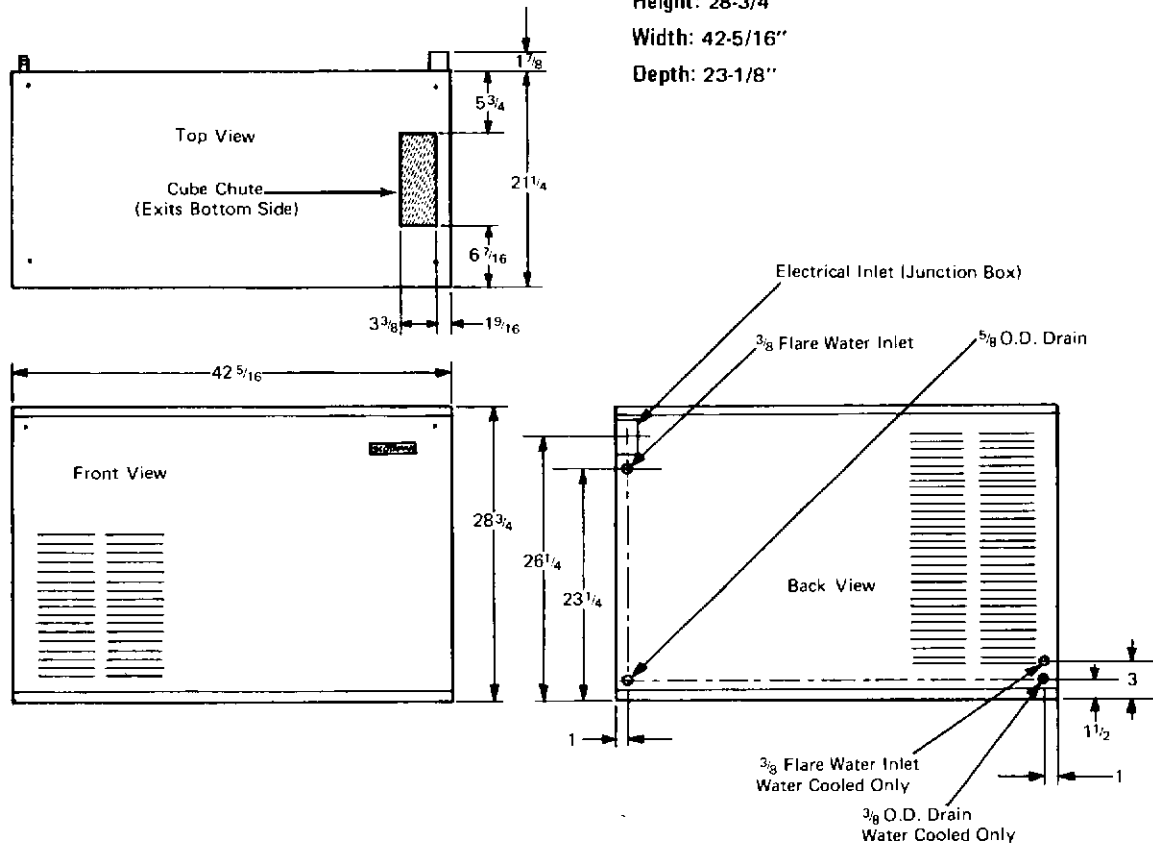
Storage Bin: B200, B550

Stainless Steel Lined

Height: 28-3/4"

Width: 42-5/16"

Depth: 23-1/8"



SPECIFICATIONS:

Model	Condensing Unit	Compressor Horsepower	Finish (P-painted) (SS-Stainless Steel)	Shipping Weight (lbs.)	Basic Electricals	Minimum Wire Sizes (w-wire) (g-gauge)			Total Amperages		
						MCL2	MCM2	MCS2	MCL2	MCM2	MCS2
MCL2AE	Air	1	P*	318	Air Cooled 115/230/60/1 115/208-220/60/3 115/208/60/1 Water Cooled 115/230/60/1 115/208-220/60/3 115/208/60/1	3w 14g	3w 14g	3w 14g	11.6	11.6	11.6
MCL2AS	Air	1	SS	318							
MCL2WE	Water	1	P*	308							
MCL2WS	Water	1	SS	308							
MCM2AE	Air	1	P*	318							
MCM2AS	Air	1	SS	318							
MCM2WE	Water	1	P*	308							
MCM2WS	Water	1	SS	308							
MCS2AE	Air	1	P*	318							
MCS2AS	Air	1	SS	318							
MCS2WE	Water	1	P*	308							
MCS2WS	Water	1	SS	308							

*Painted Models have sandlewood micomatte Finish with woodgrain front panel.

Specifications subject to change without notice.

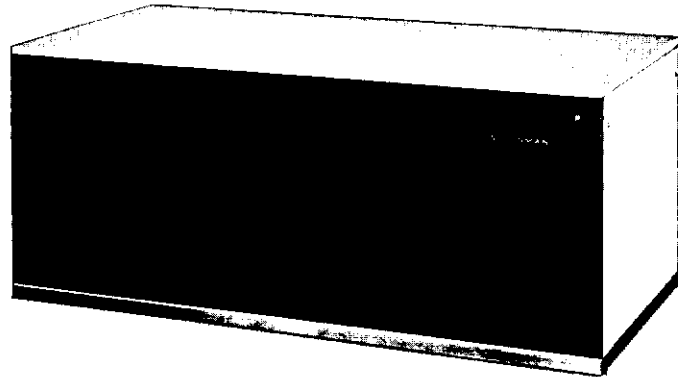
SCOTSMAN[®] Ice Machines

PRODUCT NAME:

SCOTSMAN[®] CUBER MODEL MC1 SERIES

MANUFACTURER:

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007

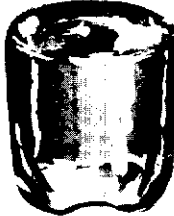


SHOWN 3 QTR. SIZE

Model MCL1
produces
large cubes



Model MCM1
produces
medium cubes



Model MCS1
produces
small cubes

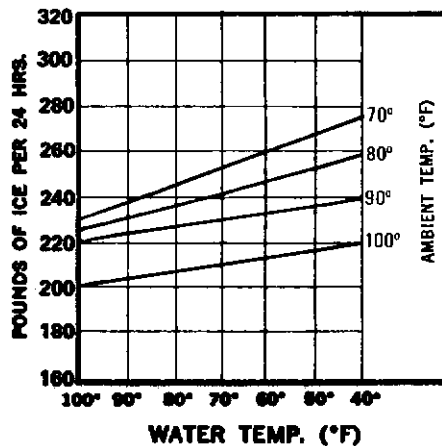


(ILLUSTRATED ON B200 BIN)

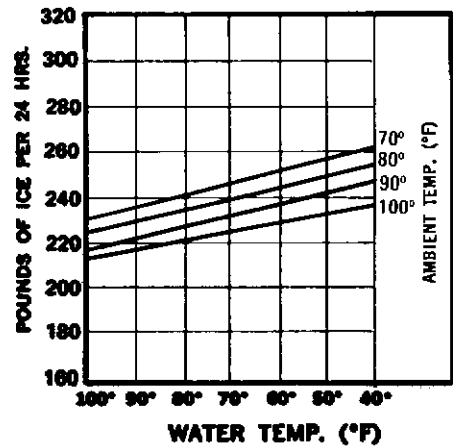


Ice MAKING CAPACITY:

AIR COOLED MODELS



WATER COOLED MODELS



NOTE: Capacity illustrated for medium size cube.
(Slightly lower for other cube sizes.)

SCOTSMAN®

MC1 SERIES

Capacity: Refer to production chart.

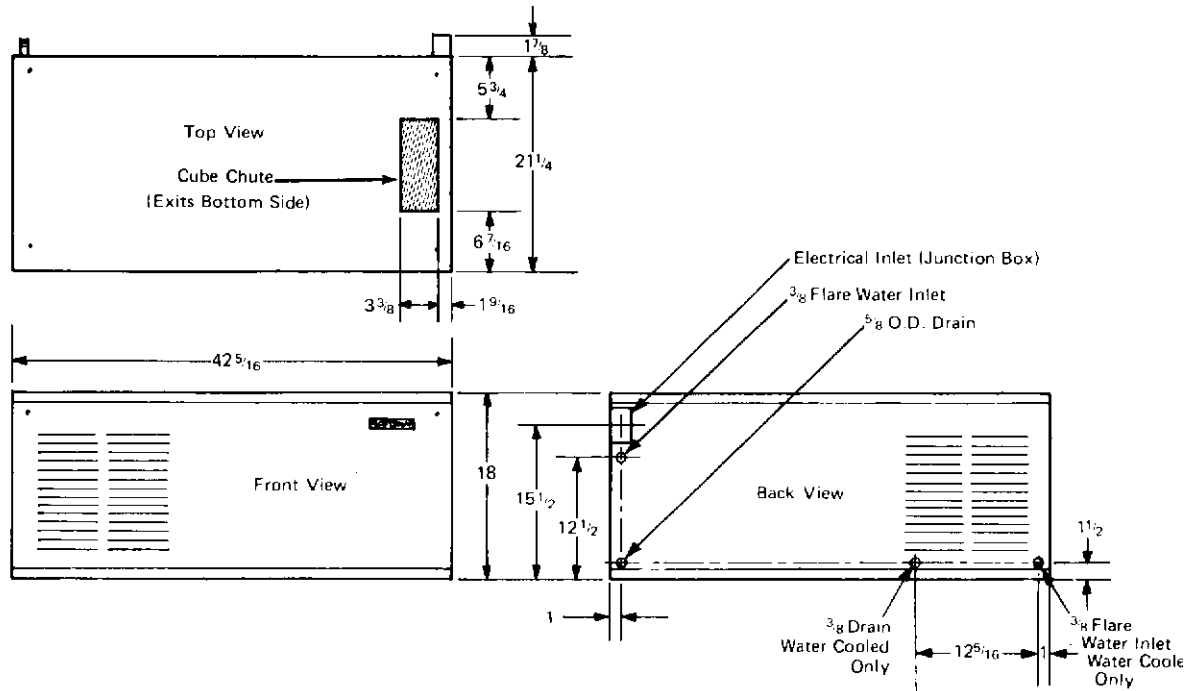
Storage Bin: B200, B550

Stainless Steel Lined

Height: 18"

Width: 42-5/16"

Depth: 23-1/8"



SPECIFICATIONS:

Model	Condensing Unit	Compressor Horsepower	Finish (P-painted) (SS-Stainless Steel)	Shipping Weight (lbs.)	Basic Electricals	Minimum Wire Sizes (w-wire) (g-gauge)			Total Amperages		
						MCL1	MCM1	MCS1	MCL1	MCM1	MCS1
MCL1AE	Air	3/4	P*	230	Air Cooled 115/60/1	2w 12g	2w 12g	2w 12g	14.3	14.3	14.3
MCL1AS	Air	3/4	SS	230							
MCL1WE	Water	3/4	P*	230							
MCL1WS	Water	3/4	SS	230							
MCM1AE	Air	3/4	P*	230	Water Cooled 115/60/1	2w 12g	2w 12g	2w 12g	13.5	13.5	13.5
MCM1AS	Air	3/4	SS	230							
MCM1WE	Water	3/4	P*	230							
MCM1WS	Water	3/4	SS	230							
MCS1AE	Air	3/4	P*	230							
MCS1AS	Air	3/4	SS	230							
MCS1WE	Water	3/4	P*	230							
MCS1WS	Water	3/4	SS	230							

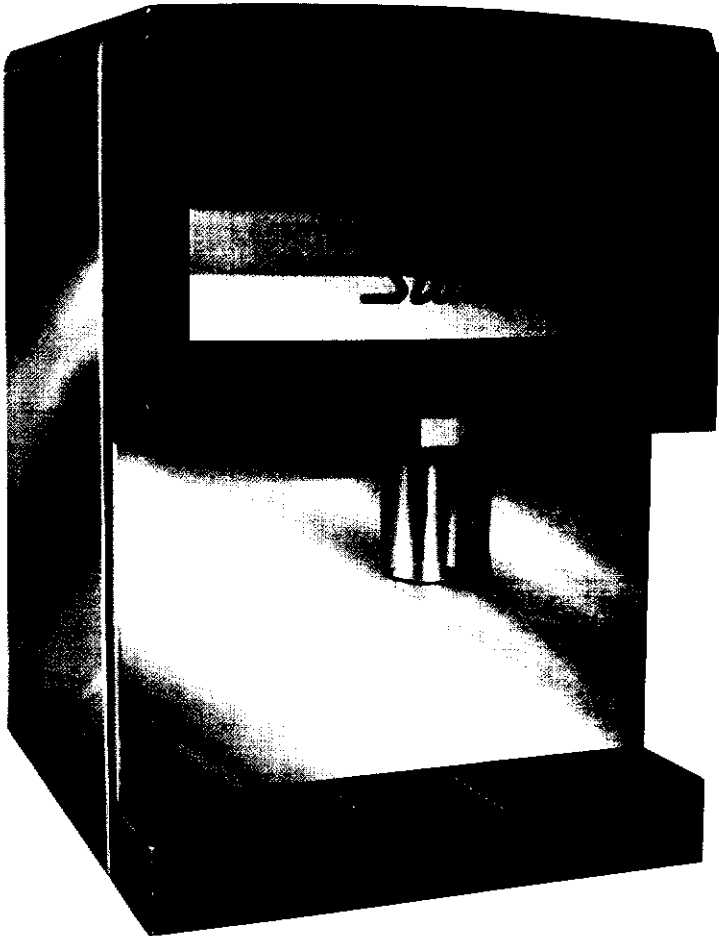
Wood micromatte
front panel.

Specifications subject to change without notice.

IS100

Counter Top
Ice Dispenser

SCOTSMAN



Why are more and more people choosing Scotsman dispensers?

- Over 40 years experience in producing ice making and dispensing equipment.
- State-of-the-art design and manufacturing facilities to meet the demands of the marketplace.
- A nationwide network of certified servicing dealers.
- Coast-to-coast distribution provides immediate availability of equipment and parts.

The IS100 is part of Scotsman's innovative line of counter-top dispensing products – boasting the most comprehensive package of features available in the marketplace today.

ADVANCED PERFORMANCE

- 100 lbs. of ice storage capacity in a 22 inch width.
- Dispenses 100% of ice in storage bin – provides greater "peak period" capacity.
- Off-cycle agitation keeps ice free-flowing.
- Foam insulated polyethylene bin minimizes ice meltage.

CUSTOMER FRIENDLY

- Quick and accurate dispensing of ice is achieved by an innovative rotor design.
- See-through ice chute reduces spillage and "throw-back."
- Accommodates all cup sizes.
- Large sink area reduces potential for ice overflow.

EASY TO SERVICE

- Major components accessible from the front.
- All splash-zone components are made from durable materials to make cleaning easy.
- Special door allows access to bin when utilizing modular cuber.

GREAT FLEXIBILITY

- Accepts top-mounted modular cube and nugget ice makers.
- Available in both push button and lever actuated models.
- Front panel comes in standard or lighted versions.
- Cabinet finish is a grey enamel – stainless steel also available.

WARRANTY

See dealer for details of limited warranty.

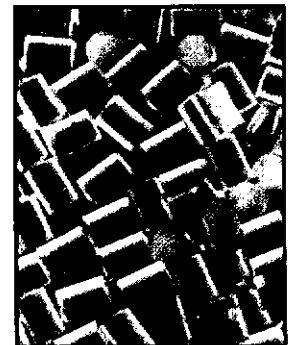
- 24 month parts warranty.
- 12 month factory labor.
- Directory of certified service dealers.

ACCOMMODATES ALL MAJOR CUBE & NUGGET ICE FORMS



CONTOUR CUBES

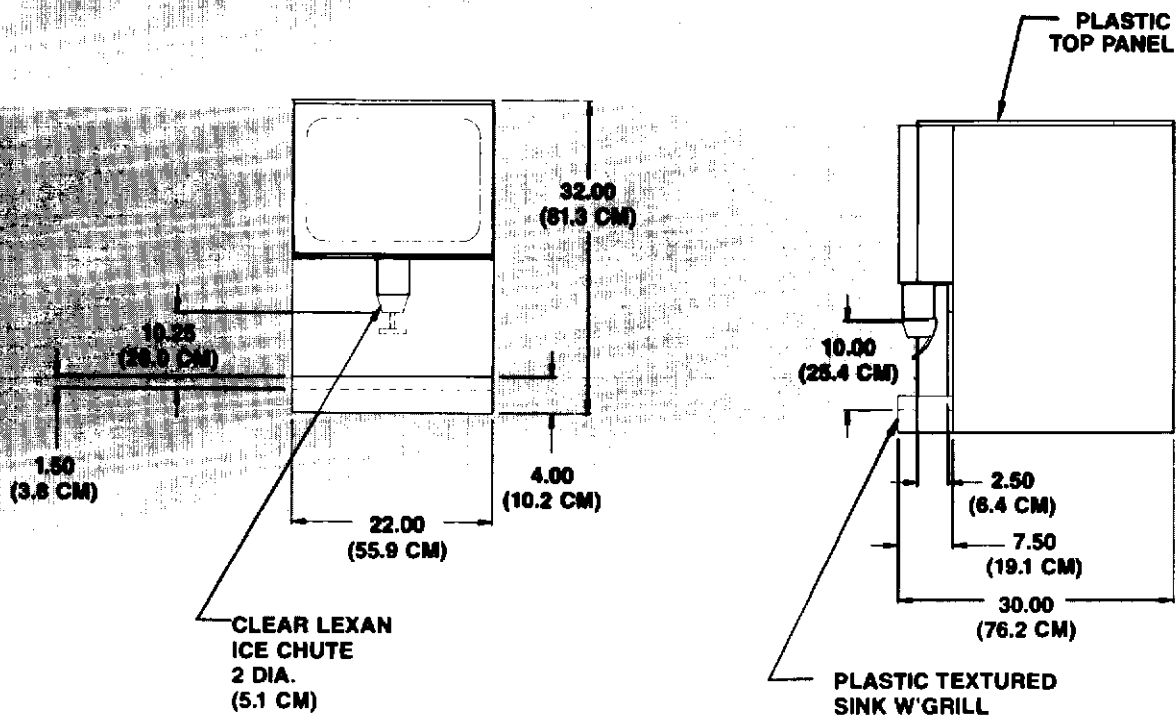
The world's only patented ice cube. Higher displacement with no splashing.



NUGGET ICE

Versatile, inexpensive to produce, used in carbonated beverages, and salad bars.

IS100 COUNTER TOP ICE DISPENSER



SPECIFICATIONS*

Dimensions:	22" w x 30" d x 32" h
Ice Storage:	100 lbs.
Electrical:	115/60/1
Amperage:	2 amp
Motor:	1/10 HP
Drain Connection:	3/4" FPT
Electrical Cord:	Grounded plug, 6' long
Shipping Weight:	150 lbs.

OPTIONAL FEATURES:

- Lighted merchandising panel.
- 4" leg kit.
- Push button actuation (factory installed).

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN[®]

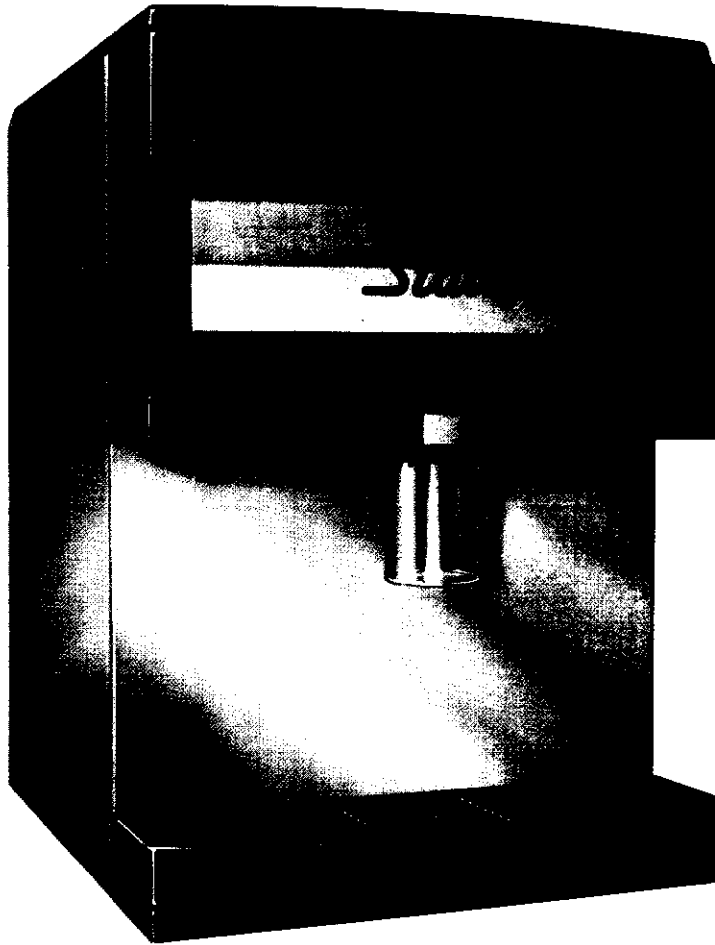
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TELEX EASYLINK 62922027
FAX (708) 913-9844

IS150

Counter Top
Ice Dispenser

SCOTSMAN

C.S.I. FILE NO. 11400



Why are more and more people choosing Scotsman dispensers?

- Over 40 years experience in producing ice making and dispensing equipment.
- State-of-the-art design and manufacturing facilities to meet the demands of the marketplace.
- A nationwide network of certified servicing dealers.
- Coast-to-coast distribution provides immediate availability of equipment and parts.

The IS150 is part of Scotsman's innovative line of counter-top dispensing products – boasting the most comprehensive package of features available in the marketplace today.

ADVANCED PERFORMANCE

- 150 lbs. of ice storage capacity in a 30 inch width.
- Dispenses 100% of ice in storage bin – provides greater "peak period" capacity.
- Off-cycle agitation keeps ice free-flowing.
- Foam insulated polyethylene bin minimizes ice meltage.

CUSTOMER FRIENDLY

- Quick and accurate dispensing of ice is achieved by an innovative rotor design.
- See-through ice chute reduces spillage and "throw-back."
- Accommodates all cup sizes.
- Large sink area reduces potential for ice overflow.

EASY TO SERVICE

- Major components accessible from the front.
- All splash-zone components are made from durable materials to make cleaning easy.
- Special door allows access to bin when utilizing modular cuber.

GREAT FLEXIBILITY

- Accepts top-mounted modular cube and nugget ice makers.
- Available in both push button and lever actuated models.
- Front panel comes in standard or lighted versions.
- Cabinet finish is a grey enamel – stainless steel also available.

WARRANTY

See dealer for details of limited warranty.

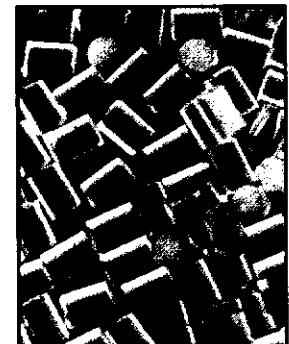
- 24 month parts warranty.
- 12 month factory labor.
- Directory of certified service dealers.

ACCOMMODATES ALL MAJOR CUBE & NUGGET ICE FORMS



CONTOUR CUBES

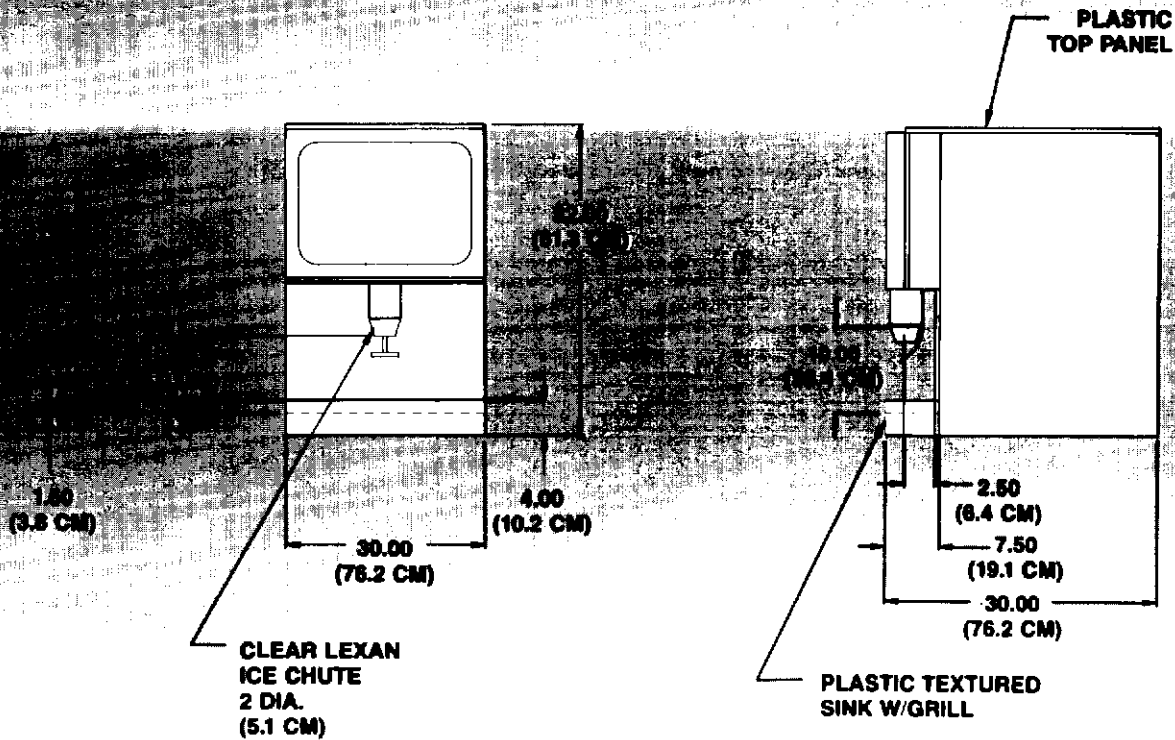
The world's only patented ice cube. Higher displacement with no splashing.



NUGGET ICE

Versatile, inexpensive to produce, used in carbonated beverages, and salad bars.

IS150 COUNTER TOP ICE DISPENSER



SPECIFICATIONS*

Dimensions:	30" w x 30" d x 32" h
Ice Storage:	150 lbs.
Electrical:	115/60/1
Amperage:	2 amp
Motor:	1/10 HP
Drain Connection:	3/4" FPT
Electrical Cord:	Grounded plug, 6' long
Shipping Weight:	160 lbs.

OPTIONAL FEATURES:

- Lighted merchandising panel.
- 4" leg kit.
- Push button actuation (factory installed).

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN[®]

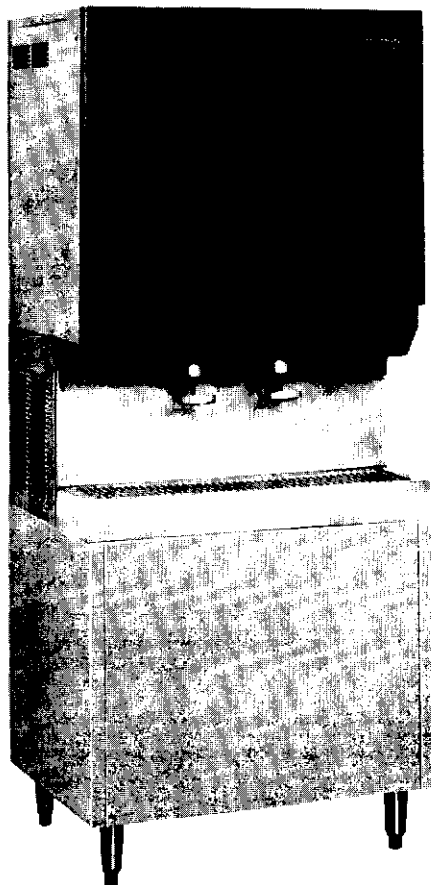
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TELEX EASYLINK 62922027
FAX (708) 913-9844

S-267

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SCOTSMAN
COMMERCIAL ICE SYSTEMS

C.S.I. FILE NO. 11400

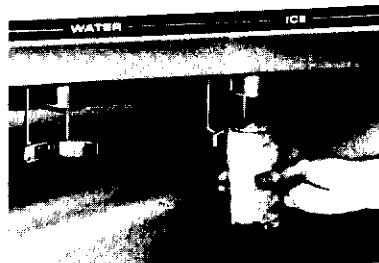


An HQD750 is shown here on a DMS31A machine stand. Each unit is sold separately.



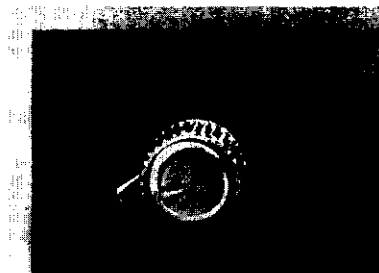
NEW HARD "ICE NUGGETS"

"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets flow freely and dispense easily and give very high liquid displacement in beverages. Ideal for salad bars and iced displays.



SANITARY DISPENSING

Ice and bin are housed in an enclosed contamination-free cabinet. Ice nuggets are dispensed directly into glasses, pitchers or containers and end the unwanted chore of ice hauling. There is never any physical contact with ice either by self-service or table-service functions.



VARIABLE SELECTION CONTROL

Allows choice of vends from one ounce to continuous flow. Select the amount of ice to suit the container. Continuous flow feature is particularly important in hospitals for filling ice packs.

HQD750

Hard "Ice Nugget" cuber-dispenser

ENERGY EFFICIENT — LOWER OPERATING COSTS

- Up to 636 lbs. of "Ice Nuggets" in 24 hours.
- Saves up to 36% electricity over regular cubes.
- 37¢ electricity cost per 100 lbs. of ice @ 6¢ per KWH.

SIMPLE DESIGN — HIGHER RELIABILITY

- Only one moving part under refrigeration.
- Quiet operation ... no noisy cube harvest.
- Field proven to assure dependability.
- Safety controls protect against low refrigerant or water pressure.

NON-BRIDGING NUGGETS — EASY SERVING

- Jam-free dispensing.
- Nuggets stay separated without clustering.
- Provide maximum liquid displacement.

FLEXIBILITY — MORE CONVENIENCE

- Removable cleanable ABS sink and Stainless Steel splash panel
- Removable 90-pound capacity Stainless Steel bin
- Separate water and ice glass fillers
- Mounts on counter or separate DMS31A machine stand
- Front Service access — removable panels

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

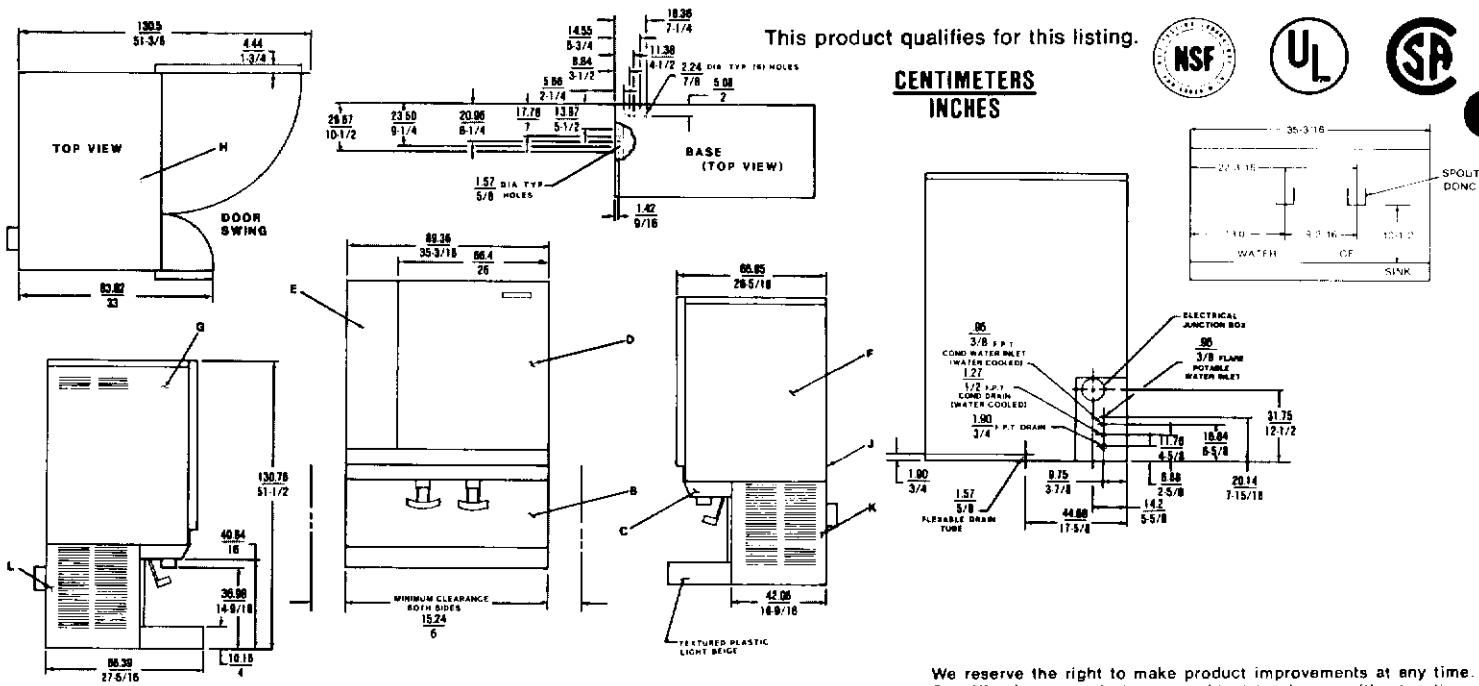
**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

HQD750 HARD "ICE NUGGET" MAKER-DISPENSER

This product qualifies for this listing.



CENTIMETERS
INCHES



We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap. **	Ice Prod. Cap. 24 Hrs. *	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampac- ity †	Max. Fuse Size	Shp. Wt. lbs./kg.
HQD750AE-1C	51 1/2 x 35 3/16 x 27 5/16	90 lbs.	605 lbs.	Air	ES	115/60/1	3/4	2	27.1	30	455/206
HQD750WE-1C	51 1/2 x 35 3/16 x 27 5/16	90 lbs.	636 lbs.	Water	ES	115/60/1	3/4	2	27.0	30	457/207

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*** Minimum storage capacity for bin is based on 90% of total volume in cubic feet times 34 lb. average density of ice.

ICE MAKING CAPACITY:

Typical production in lbs. kgs. of ice per 24 hours.

HQD750A AIR-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				lbs. kg.
	F° C°	50° 10°	70° 21°	90° 32°	
70°	605	549	504		lbs. kg.
21°	274	249	228		
90°	555	502	450		lbs. kg.
32°	251	227	204		
100°	502	458	415		lbs. kg.
38°	227	207	188		

HQD750W WATER-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				lbs. kg.
	F° C°	50° 10°	70° 21°	90° 32°	
70°	636	552	487		lbs. kg.
21°	288	250	221		
90°	608	528	470		lbs. kg.
32°	276	239	213		
100°	597	524	465		lbs. kg.
38°	271	237	211		

GUIDE TO PEAK NUMBER OF VENDS PER HOUR

(Vends from full bin) + (Vends per hour at recovery rate × operating hours) =

Total Vends Available.

Example: (720) + (208 × 3 hours) = 1344 Total Vends

HQD750 2 oz. 2 oz. for 3 hours Calculated 50° water, 70° air

Hard Ice Dispenser Model	Bin Cap. Lbs.	24 Hr. Prod. Lbs.	1 Hr. Prod. Lbs.	Full Bin Vends/Recovery Rate Vends Per Hour			
				2 Oz.	4 Oz.	6 Oz.	8 Oz.
HQD750 Air-Cooled	90	605	26	720/208	360/104	240/69	180/52
HQD750 Water-Cooled	90	636	25	720/200	360/100	240/66	180/50

(Ounces shown by weight only. Volume is twice weight)

OPTIONAL PANEL KIT SPKHD7

Stainless steel panel kit includes top, sides and front panels.

Not factory installed.

DMS31A MACHINE STAND

DMS31A: Stainless steel cabinet with nickel plated legs.

DMS31EA: Sandalwood enamel cabinet with Black enamel legs.

Width: 35-3/16" (89.4 cm) **Depth:** 27-5/16" (68.0 cm)

Height: Without Legs 27" (685 cm)

Shipping Weight: 83 lbs. (38 kg.)

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling feet.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installations where air temperatures fall below 50° F. or exceed 100° F; nor where water temperatures fall below 40° F. or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

PRODUCT WARRANTY

See Scotsman Manufacturer's Limited Warranty statement or contact your Scotsman dealer for details.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

SCOTSMAN ICE SYSTEMS • 505 FRONT ST. • ALBERT LEA, MN 56007 • (507) 373-3961

INTERNATIONAL COMPANY

S-169-88

TWX 910-565-2173

Printed in U.S.A.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

HQD750

Hard "Ice Nugget" maker-dispenser

ENERGY EFFICIENT — LOWER OPERATING COSTS

- Up to 636 lbs. of "Ice Nuggets" in 24 hours.
- Saves up to 36% electricity over regular cubes.
- Less than 36¢ electricity cost per 100 lbs. of ice @ 6¢ per KWH.

SIMPLE DESIGN — HIGHER RELIABILITY

- Only one moving part under refrigeration.
- Quiet operation ... no noisy cube harvest.
- Field proven to assure dependability.
- Safety controls protect against low refrigerant or water pressure.

NON-BRIDGING NUGGETS — EASY SERVING

- Jam-free dispensing.
- Nuggets stay separated without clustering.
- Provide maximum liquid displacement.

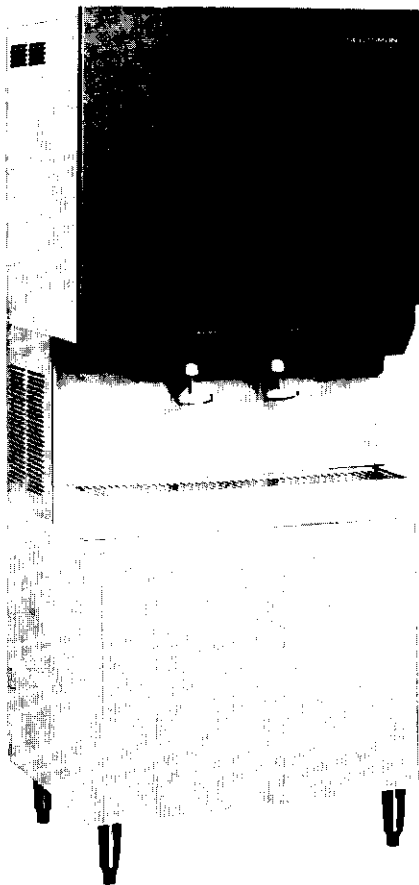
FLEXIBILITY — MORE CONVENIENCE

- Removable cleanable ABS sink and Stainless Steel splash panel
- Removable 90-pound capacity Stainless Steel bin
- Separate water and ice glass fillers
- Mounts on counter or separate DMS31A machine stand
- Front Service access — removable panels

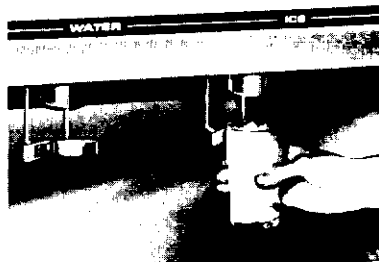
STRONGEST WARRANTY — SATISFACTION

- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

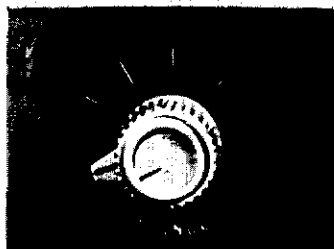


An HQD750 is shown here on a DMS31A machine stand. Each unit is sold separately.



SANITARY DISPENSING

Ice and bin are housed in an enclosed contamination-free cabinet. Ice nuggets are dispensed directly into glasses, pitchers or containers and end the unwanted chore of ice hauling. There is never any physical contact with ice either by self-service or table-service functions.



VARIABLE SELECTION CONTROL

Allows choice of vends from one ounce to continuous flow. Select the amount of ice to suit the container. Continuous flow feature is particularly important in hospitals for filling ice packs.

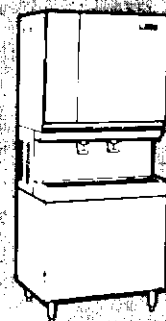
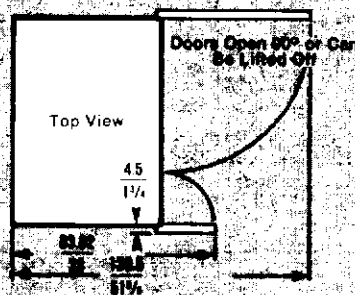
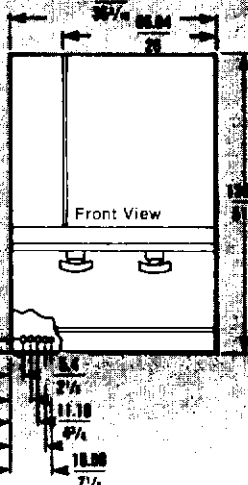
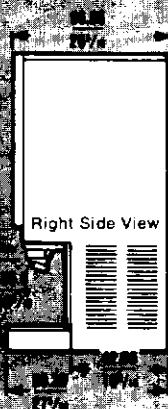


NEW HARD "ICE NUGGETS"

"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets flow freely and dispense easily and give very high liquid displacement in beverages. Ideal for salad bars and iced displays.

HQD750 HARD "ICE NUGGET" MAKER-DISPENSER

This product qualifies for this listing.



Plumbing Connections
 Potable Water Inlet — 3/4" O.D. Male Flare
 Sink Drain — 3/4" I.D. Plastic Tube
 Bin Drain — 1/2" I.D. Plastic Tube
 Pan Drain — 3/8" I.D. Plastic Tube

HQD750 Sink Is Removable

18 1/2 Min. Clearance for Ventilation

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

SPECIFICATIONS

Model	Dimensions (W x H x D)	Net Wt.	Gross Wt.	Comp. Temp.	Refrigerant	Refrigerant Charge	Comp. H.P.	No. of Wires	Min. Circuit Amps	Max. Fuse Size	Ship. Wt. (lbs./kg)
HQD750AE-1A	51 1/2 x 35 1/16 x 27 1/16	90 lbs.	605 lbs.	Air	ES	115/60/1	3/4	2	27.1	30	455/206
HQD750WE-1A	51 1/2 x 35 1/16 x 27 1/16	90 lbs.	636 lbs.	Water	ES	115/60/1	3/4	2	27.0	30	457/207

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish.
 † Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

HQD750A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	50°	70°	90°	
70°	605	549	504	lbs.
21°	274	243	225	kg.
90°	555	502	450	lbs.
32°	251	227	204	kg.
100°	502	458	415	lbs.
38°	227	207	186	kg.

HQD750W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	50°	70°	90°	
70°	636	552	487	lbs.
21°	288	250	221	kg.
90°	608	528	470	lbs.
32°	276	239	213	kg.
100°	597	524	465	lbs.
38°	271	237	211	kg.

GUIDE TO PEAK NUMBER OF VENDS PER HOUR

(Vends from full bin) + (Vends per hour at recovery rate × operating hours) = Total Vend Available.

Example: (720) + (208 × 3 hours) = 1344 Total Vends
 HQD750 2 oz 2 oz for 3 hours Calculated 50° water, 70° air

Model	Net Wt. (lbs.)	Gross Wt. (lbs.)	1 Hr. Prod. (lbs.)	Full Bin Vends/Recovery Rate Vends Per Hour			
				2 Oz.	4 Oz.	6 Oz.	8 Oz.
HQD750 Air-Cooled	90	605	26	720/208	360/104	240/69	180/52
HQD750 Water-Cooled	90	636	25	720/200	360/100	240/66	180/50

OPTIONAL PANEL KIT SPKH07

Stainless steel panel kit includes top, sides and front panels. Not factory installed.

DMS31A MACHINE STAND

DMS31SA: Stainless steel cabinet with nickel plated legs.
DMS31EA: Sandalwood enamel cabinet with Black enamel legs.

Width: 35-3/16" (89.4 cm) **Depth:** 27-5/16 (68.0 cm)
Height: Without Legs 27" (685 cm)
Shipping Weight: 83 lbs. (38 kg.)

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling feet.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installations where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

PRODUCT WARRANTY

See Scotsman Manufacturer's Limited Warranty statement or contact your Scotsman dealer for details.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

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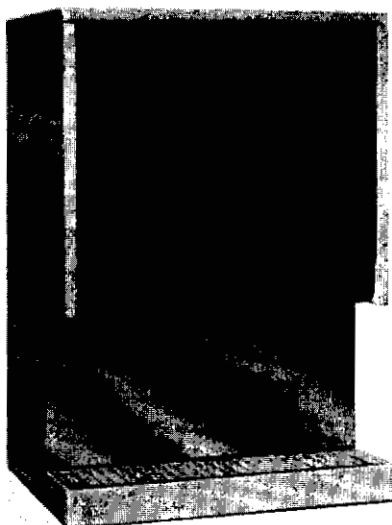
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INTERNATIONAL COMPANY

AS-280

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Printed in U.S.A.



SCOTSMAN
COMMERCIAL ICE SYSTEMS

HQD550

Hard "Ice Nugget" Cuber-Dispenser

ENERGY EFFICIENT — LOWER COSTS

- Up to 522 lbs. of "Ice Nuggets" in 24 hours.
- Saves up to 36% electricity over regular cubers.
- Annual energy savings as high as \$247 @ 6¢ per KWH.

SIMPLE DESIGN — HIGHER RELIABILITY

- Only one moving part under refrigeration.
- Quiet operation ... no noisy cube harvest.
- Field proven to assure dependability.
- Safety controls protect against low refrigerant or water pressure.

NON-BRIDGING NUGGETS — EASY SERVING

- Jam-free dispensing.
- Nuggets stay separated without clustering.
- Provide maximum liquid displacement.
- Most effective ice form for carbonated beverages.

FLEXIBILITY — MORE CONVENIENCE

- Removable cleanable polyester sink and Stainless Steel splash panel.
- Foam insulated 20-pound capacity Stainless Steel bin.
- Mounts on counter, wall or on DMS21A machine stand.
- Easy front service access.
- Easy to install — utilities are connected at the backside.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

An HQD550 is shown here on a DMS21A machine stand. Each unit is sold separately.



SOFT DRINK DISPENSING
KV5H-30 electric valve kit and a remote carbonation system easily convert the HQD550 into a high profit drink center.



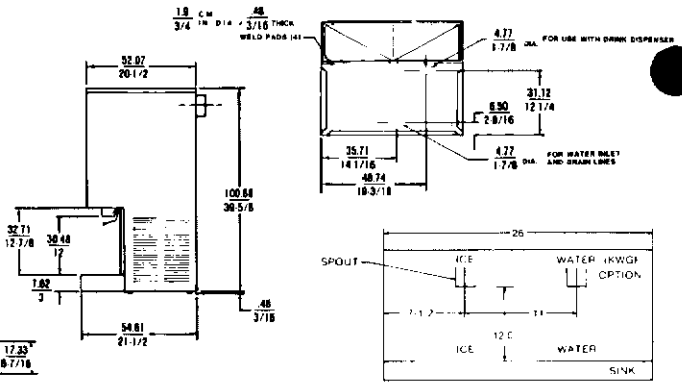
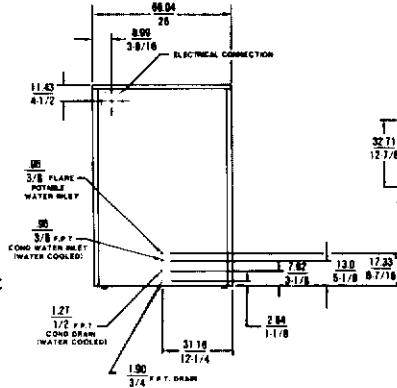
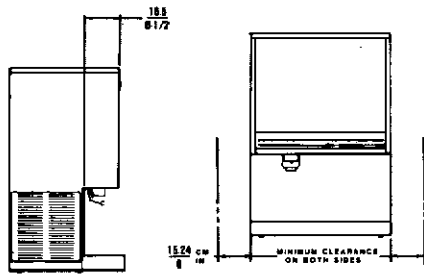
NEW HARD "ICE NUGGETS"
"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets flow freely and dispense easily and give very high liquid displacement in beverages. Ideal for salad bars and iced displays.



VARIABLE PORTION CONTROL
Allows choice of vends from one ounce to seven ounces. Select the amount of ice to suit the glass size. Control is conveniently located adjacent to ice spout.

HQD550 HARD "ICE NUGGET" CUBER-DISPENSER

CENTIMETERS
INCHES



This product qualifies for the following listings:



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
HQD550AE-1C	39 3/8 x 26 x 21 1/2	20 lbs.	522 lbs.	Nugget	Air	ES	115/60/1	1/2	2	17.9	20	274/124
HQD550AS-1C	39 3/8 x 26 x 21 1/2	20 lbs.	522 lbs.	Nugget	Air	SS	115/60/1	1/2	2	17.9	20	274/124
HQD550WE-1C	39 3/8 x 26 x 21 1/2	20 lbs.	505 lbs.	Nugget	Water	ES	115/60/1	1/2	2	17.3	20	274/124
HQD550WS-1C	39 3/8 x 26 x 21 1/2	20 lbs.	505 lbs.	Nugget	Water	SS	115/60/1	1/2	2	17.3	20	274/124

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish, cork pattern vinyl front panel.

† Use this value to determine minimum wire size as per National Electric Code Standards.

* ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

HQD550A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	522	458	413		lbs.
21°	237	208	187		kg.
90°	436	402	337		lbs.
32°	198	182	153		kg.
100°	367	339	304		lbs.
38°	166	154	138		kg.

HQD550W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	505	440	378		lbs.
21°	229	200	171		kg.
90°	486	421	370		lbs.
32°	220	191	168		kg.
100°	468	396	361		lbs.
38°	212	180	164		kg.

Capacities are average test capacities and variances of ± 5% are normal.

METERED VENDS: Variable selection 2 oz. to 7 oz.

GUIDE TO PEAK NUMBER OF VENDS PER HOUR

(Vends from full bin) + (Vends per hour at recovery rate x Operating hours) = Total vends available. EXAMPLE: (160) + (166 x 3) = 558 Total Vends of 2 oz.

Flaker/Dispenser Model	Bin Cap.	24-hr. Prod. Lbs.	1-hr. Prod. Lbs.	Full Bin Vends/ Rate Vends per Hour			
				2 oz.	4 oz.	6 oz.	8 oz.
HQD550 Air-Cooled	20 lbs.	522	21.8	160/166	80/83	53/55	40/41
HQD550 Water-Cooled	20 lbs.	505	21.0	160/150	80/75	53/50	40/57

(Calculated at 50° water 70° air)

(Ounces shown are by weight, not volume. Volume is twice weight)

OPTIONAL SPLASH PANEL KIT KSP1

This panel kit covers the opening when the sink assembly is not used, for example if the HQD550 is installed above a permanent sink.

KWGF: Optional Water Dispensing System. May not be used with KV5H-30A.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

KWB3: Optional wall mounting kit.

KV5H-30A OPTIONAL DRINK VALVE KIT:

Four electric valves dispense 4 soft drinks plus carbonated and non-carbonated water. Two single lever valves provide carbonated drink. One double lever valve provides 1 carbonated drink and or carbonated water. One double lever valve provides 1 sweet water drink and or sweet water. For use with remote carbonation systems.

DMS21A MACHINE STAND:

Height: 30" (76 cm), Depth: 21 1/2" (52.1 cm)
Shipping Weight: 68 lbs. (31 kg)

DMS21EA: Sandalwood Enamel, Black legs.

DMS21SA: Stainless Steel, Nickel plated legs.

Four metal legs screw into mounting plates on machine stand. Provide 6" minimum height including adjustable leveling feet.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F., or exceed 100° F.; nor where water temperatures fall below 40° F., or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

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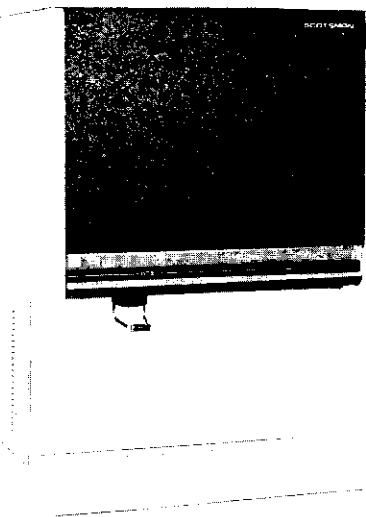
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SCOTSMAN
COMMERCIAL ICE SYSTEMS

NEW!



HQD550

Hard "Ice Nugget" Cuber-Dispenser

**ENERGY EFFICIENT —
LOWER OPERATING COSTS**

- Up to 522 lbs. of "Ice Nuggets" in 24 hours.
- Saves up to 36% electricity over regular cubers.
- Less than 36¢ electricity cost per 100 lbs. of ice @ 6¢ per KWH.

**SIMPLE DESIGN —
HIGHER RELIABILITY**

- Only one moving part under refrigeration.
- Quiet operation ... no noisy cube harvest.
- Field proven to assure dependability.
- Safety controls protect against low refrigerant or water pressure.

**NON-BRIDGING NUGGETS —
EASY SERVING**

- Jam-free dispensing.
- Nuggets stay separated without clustering.
- Provide maximum liquid displacement.
- Most effective ice form for carbonated beverages.

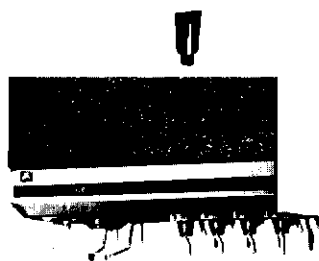
FLEXIBILITY — MORE CONVENIENCE

- Removable cleanable polyester sink and Stainless Steel splash panel.
- Foam insulated 20-pound capacity Stainless Steel bin.
- Mounts on counter, wall or on DMS21A machine stand.
- Easy front service access.
- Easy to install — utilities are connected at the backside.

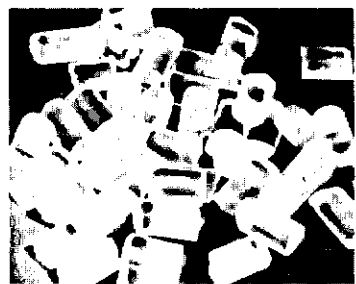
STRONGEST WARRANTY — SATISFACTION

- Exclusive 12 Month Factory Labor coverage.
- 12 Months on All Parts.
- 5 Years on Compressor.
- See Dealer for details of Limited warranty
- Directory of Certified Service Dealers.

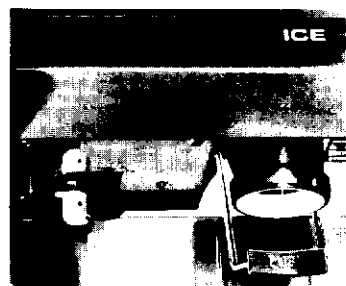
An HQD550 is shown here on a DMS21A machine stand. Each unit is sold separately.



SOFT DRINK DISPENSING
KV5H-30 electric valve kit and a remote carbonation system easily convert the HQD550 into a high profit drink center. Offers a choice of four carbonated soft drinks plus plain and carbonated water.

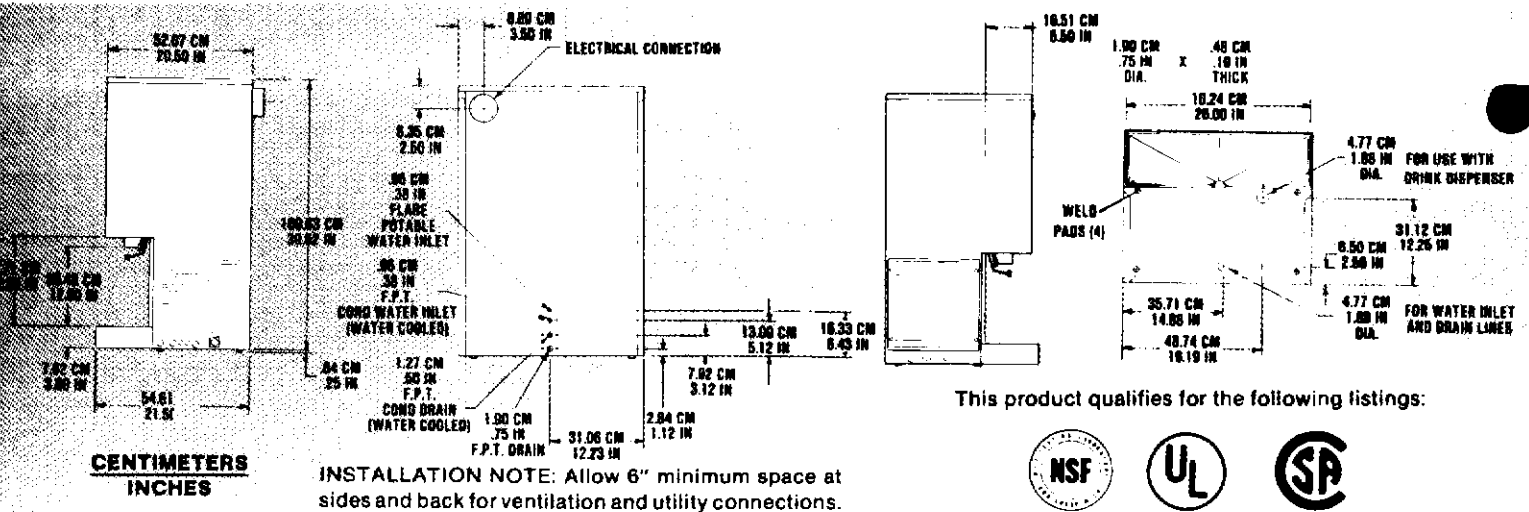


NEW HARD "ICE NUGGETS"
"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets flow freely and dispense easily and give very high liquid displacement in beverages. Ideal for salad bars and iced displays.



VARIABLE PORTION CONTROL
Allows choice of vends from one ounce to seven ounces. Select the amount of ice to suit the glass size. Control is conveniently located adjacent to ice spout.

HQD550 HARD "ICE NUGGET" CUBER-DISPENSER



SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity†	Max. Fuse Size	Shp. Wt. lbs./kg.
HQD550AE-1A	39% x 26 x 21½	20 lbs.	522 lbs.	Nugget	Air	ES	115/60/1	1/2	2	17.9	20	270/122
HQD550AS-1A	39% x 26 x 21½	20 lbs.	522 lbs.	Nugget	Air	SS	115/60/1	1/2	2	17.9	20	270/122
HQD550WE-1A	39% x 26 x 21½	20 lbs.	505 lbs.	Nugget	Water	ES	115/60/1	1/2	2	17.3	20	270/122
HQD550WS-1A	39% x 26 x 21½	20 lbs.	505 lbs.	Nugget	Water	SS	115/60/1	1/2	2	17.3	20	270/122

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish, cork pattern vinyl front panel.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours at 70° Air and 50° Water.

HQD550A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	21°	522	458	413	187
		237	208	187	kg.
90°	32°	436	402	337	153
		198	182	153	kg.
100°	38°	367	339	304	138
		166	154	138	kg.

HQD550W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	21°	505	440	378	171
		229	200	171	kg.
90°	32°	486	421	370	168
		220	191	168	kg.
100°	38°	468	396	361	164
		212	180	164	kg.

Capacities are average test capacities and variances of ± 5% are normal.

METERED VENDS: Variable selection 2 oz. to 7 oz.

GUIDE TO PEAK NUMBER OF VENDS PER HOUR

(Vends from full bin) + (Vends per hour at recovery rate x Operating hours) = Total vends available. EXAMPLE: (160) + (166 x 3) = 558 Total Vends of 2 oz.

Maker/Dispenser Model	Bin Cap.	24-hr. Prod. Lbs.	1-hr. Prod. Lbs.	Full Bin Vends/Rate Vends per Hour			
				2 oz.	4 oz.	6 oz.	8 oz.
HQD550 Air-Cooled	20 lbs.	522	21.8	160/166	80/83	53/55	40/41
HQD550 Water-Cooled	20 lbs.	505	21.0	160/150	80/75	53/50	40/57

(Calculated at 50° water 70° air)

(Ounces shown are by weight, not volume)

OPTIONAL SPLASH PANEL KIT KSP1

For use when sink assembly is not used, covers sink mounting.

KWGF: Optional Water Dispensing System. May not be used with KV5H-30A.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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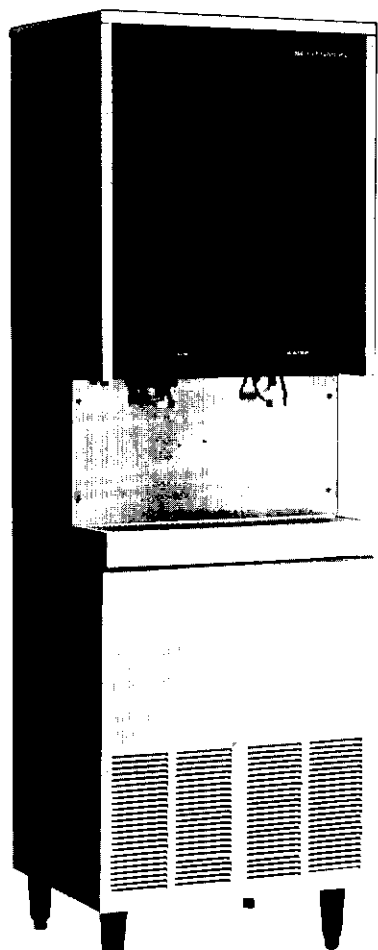
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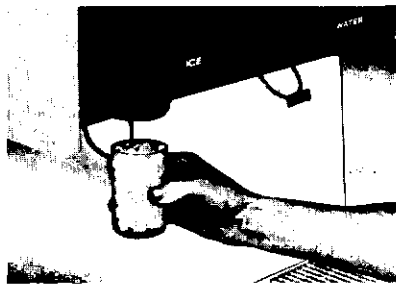


An HQD650 is shown here on a DMS20 machine stand. Each unit is sold separately. Leg kit optional.

SHOWN ACTUAL SIZE



NEW HARD "ICE NUGGETS"
"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets flow freely and dispense easily and give very high liquid displacement in beverages. Ideal for salad bars and iced displays.



SANITARY DISPENSING

Ice and bin are housed in an enclosed contamination free cabinet. Ice nuggets are dispensed directly into glasses, pitchers or containers and end the unwanted chore of ice hauling. There is never any physical contact with ice either by self-service or table-service functions.



VARIABLE SELECTION CONTROL

Allows choice of vends from one ounce to seven ounces. Select the amount of ice to suit the glass size. Control is conveniently located adjacent to ice spout.

HQD650

hard "ice nugget"
cuber-dispenser

ENERGY EFFICIENT — LOWER OPERATING COSTS

- Up to 600 lbs. of "Ice Nuggets" in 24 hours
- Saves up to 36% electricity over regular cubers
- Less than 36¢ electricity cost per 100 lbs. of ice @ 6¢ per KWH

SIMPLE DESIGN — HIGHER RELIABILITY

- Only one moving part under refrigeration
- Quiet operation . . . no noisy cube harvest
- Field proven to assure dependability
- Safety controls protect against low refrigerant or water pressure

NON-BRIDGING NUGGETS — EASY SERVING

- Jam-free dispensing
- Nuggets stay separated without clustering
- Provide maximum liquid displacement

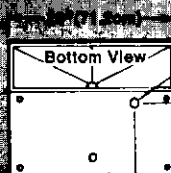
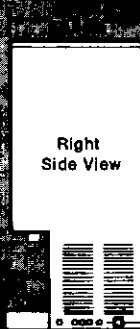
STRONGEST WARRANTY — SATISFACTION

- Exclusive 60 Day Factory Labor
- 12 Months on All Parts
- 5 Years on Compressor
See Dealer for details of Limited warranty
- Toll free service hot line and full-time Service Engineer to handle customer service problems
- Directory of Certified Service Dealers

FLEXIBILITY — MORE CONVENIENCE

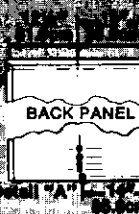
- Removable sink and Stainless Steel splash panel
- Foam Insulated 35-pound capacity Stainless Steel bin
- Separate water and ice glass fillers
- Mounts on counter or on DMS20 machine stand
- Front Service access — removable panel

HQD650 HARD "ICE NUGGET" MAKER-DISPENSER



1 1/2" Dia. For Water Inlet and Drain Lines

1 1/2" Dia. For Water Inlet and Drain Lines

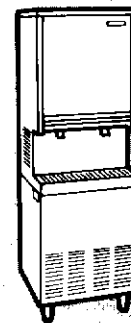
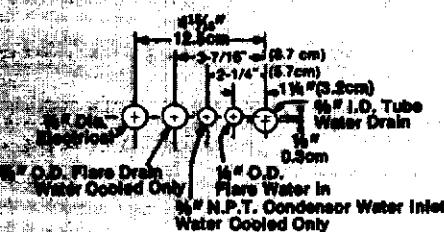


See Detail "A"

This product qualifies for these listings



DETAIL "A" Hole Pattern



HQD650 47 1/2"

Depth 26"

Legs 6"

Total Ht. 63 1/2"

PLUMBING CONNECTIONS:

Portable Water — 1/2" O.D. Flare Inlet, 3/4" I.D. Tube Drain
 Condenser Water — 3/4" N.P.T. Inlet, 1/2" O.D. Flare Drain
 HQD650 Sink is Removable

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

SPECIFICATIONS

Model	Dimensions (H x W x D)	Weight	Capacity	Temp.	Finish	Voltage	Comp. H.P.	Run. Amperes	Max. Oper. Amperes	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shpg. Wt. (lbs./kg.)
HQD650AE-1A	47 1/2" x 26" x 21 1/2"	35 lbs.	600 lbs.	Air	EA	115/60/1	3/4	15.1	15.1	2	21.0	30	300/136
HQD650AS-1A	47 1/2" x 26" x 21 1/2"	35 lbs.	600 lbs.	Air	SS	115/60/1	3/4	15.1	15.1	2	21.0	30	300/136
HQD650WE-1A	47 1/2" x 26" x 21 1/2"	35 lbs.	600 lbs.	Water	EA	115/60/1	3/4	14.4	14.4	2	20.7	30	299/136
HQD650WS-1A	47 1/2" x 26" x 21 1/2"	35 lbs.	600 lbs.	Water	SS	115/60/1	3/4	14.4	14.4	2	20.7	30	299/136

*EA Almond high-gloss, baked enamel finish on leathergrain embossed steel with cork pattern vinyl front panel. SS Stainless Steel finish.

†Use this value to determine minimum wire size as per National Electric Code Standards.

Allow 6" minimum additional space front, sides and back for ventilation and utility connections.

***ICE MAKING CAPACITY:**

Typical ice production — lbs./kgs. of "Ice Nuggets" per 24 hours.

HQD650A AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	90°	70°	50°	lbs.
70°	499	544	600		
90°	423	468	514		
100°	390	425	445		

HQD650W WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	90°	70°	50°	lbs.
70°	464	523	600		
90°	461	521	589		
100°	456	517	578		

GUIDE TO PEAK NUMBER OF VENDS PER HOUR

(Vends from full bin) + (Vends per hour at recovery rate × operating hours) = Total Vends Available.

Example: (280) + (200 × 3 hours) = 880 Total Vends
 HQD650 2 oz. 2 oz. for 3 hours Calculated 50° water, 70° air

Model	35	600	25	280/200	140/100	93/66
HQD650 Air-Cooled	35	600	25	280/200	140/100	93/66
HQD650 Water-Cooled	35	600	25	280/200	140/100	93/66

OPTIONAL WALL MOUNTING KIT KWBS

OPTIONAL SPLASH PANEL KIT KSP1

For use when HQD650 is installed above a permanent sink.

DMS20 MACHINE STAND

Available in Stainless Steel or Almond enamel finish.

Snap-off front for internal storage.

Height: Without Legs 30" (76.2cm)

Width: 26" (66cm) Depth: 20 1/2" (52.1cm)

Shipping Weight: 65 lbs. (29kg.)

OPTIONAL LEG KITS FOR MACHINE STAND:

Four metal legs screw into mounting plates on cabinet base.

Provide 6" minimum height including adjustable leveling feet.

KLP2E: Black enamel finish.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot.

Recommended for stainless steel cabinets.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations or installations where air temperatures are below 50°F or above 100°F and the water temperature is below 40°F or above 100°F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.

BTU/hr 10,454

Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

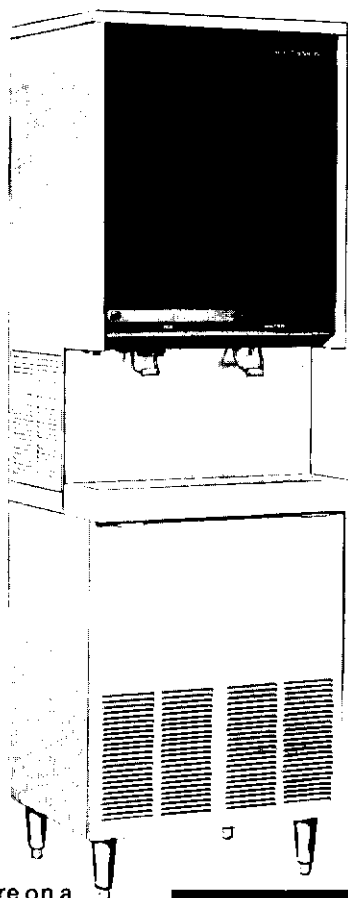


QUEEN PRODUCTS DIVISION • KING-SEELEY THERMOS CO. • 505 FRONT ST., ALBERT LEA, MN 56007

SCOTSMAN
COMMERCIAL ICE SYSTEMS

HQD650

Hard "Ice Nugget" Cuber-Dispenser



An HQD650 is shown here on a DMS20 machine stand. Each unit is sold separately.

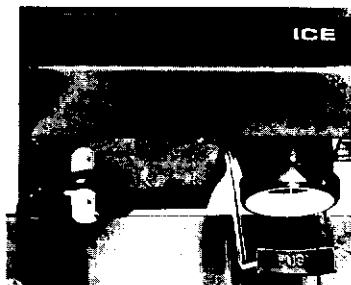


SOFT DRINK DISPENSING

KV5H-30 electric valve kit and a remote carbonation system easily convert the HQD650 into a high profit drink center. Offers a choice of four carbonated soft drinks plus plain and carbonated water.



NEW HARD "ICE NUGGETS"
"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets flow freely and dispense easily and give very high liquid displacement in beverages. Ideal for salad bars and iced displays.



VARIABLE PORTION CONTROL

Allows choice of vends from one ounce to seven ounces. Select the amount of ice to suit the glass size. Control is conveniently located adjacent to ice spout.

ENERGY EFFICIENT — LOWER OPERATING COSTS

- Up to 600 lbs. of "Ice Nuggets" in 24 hours.
- Saves up to 36% electricity over regular cubers.
- Less than 36¢ electricity cost per 100 lbs. of ice @ 6¢ per KWH.

SIMPLE DESIGN — HIGHER RELIABILITY

- Only one moving part under refrigeration.
- Quiet operation ... no noisy cube harvest.
- Field proven to assure dependability.
- Safety controls protect against low refrigerant or water pressure.

NON-BRIDGING NUGGETS — EASY SERVING

- Jam-free dispensing.
- Nuggets stay separated without clustering.
- Provide maximum liquid displacement.

FLEXIBILITY — MORE CONVENIENCE

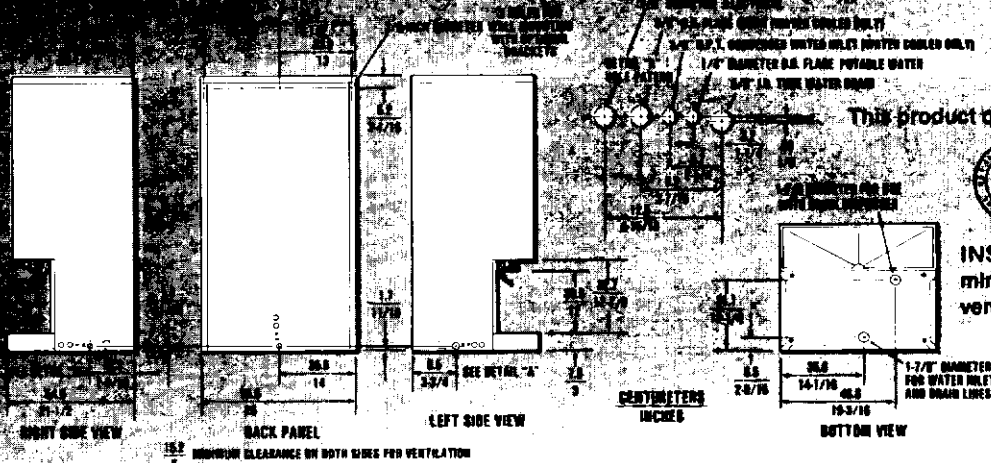
- Removable sink and Stainless Steel splash panel.
- Foam insulated 35-pound capacity Stainless Steel bin.
- Separate water and ice glass filters.
- Mounts on counter, wall or on DMS20 machine stand.
- Front service access — snap-off panels.
- Utilities may enter cabinet from the bottom, back or either side.

STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 60 Day Factory Labor.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Toll free service hot line and full-time Service Engineers to handle any customer service questions.
- Directory of Certified Service Dealers.

HQD650 HARD "ICE NUGGET" CUBER-DISPENSER



This product qualifies for the following listings:



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

SPECIFICATIONS

Model	Dimensions (H x W x D)	Bin Cap.	Bin Vol.	Ice Type	Water	Finish	Power Electrical	Compl. H.P.	Rated Amps	Max. Over Amps	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shipping Wt. Lbs./kg.
HQD650AE-1B	47 1/2 x 26 x 21 1/2	35 lbs.	600 lbs.	—	Air	ES	115/60/1	3/4	15.1	15.1	2	21.0	30	314/142
HQD650AS-1B	47 1/2 x 26 x 21 1/2	35 lbs.	600 lbs.	—	Air	SS	115/60/1	3/4	15.1	15.1	2	21.0	30	314/142
HQD650WE-1B	47 1/2 x 26 x 21 1/2	35 lbs.	600 lbs.	—	Water	ES	115/60/1	3/4	14.4	14.4	2	20.7	30	314/142
HQD650WS-1B	47 1/2 x 26 x 21 1/2	35 lbs.	600 lbs.	—	Water	SS	115/60/1	3/4	14.4	14.4	2	20.7	30	314/142

**ES Sandalwood high-gloss, baked enamel finish on leathergrain embossed steel with cork pattern vinyl front panel. SS Stainless Steel finish.
†Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

HQD650A AIR-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
F°	50°	70°	90°		
70°	600	544	499	lbs.	
					kg.
90°	514	468	423	lbs.	
					kg.
100°	445	425	390	lbs.	
					kg.

HQD650W WATER-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
F°	50°	70°	90°		
70°	600	523	464	lbs.	
					kg.
90°	589	521	461	lbs.	
					kg.
100°	578	517	456	lbs.	
					kg.

METERED ICE VENDS: Variable selection 1 oz. to 7 oz.

GUIDE TO PEAK NUMBER OF VENDS PER HOUR

(Vends from full bin) + (Vends per hour at recovery rate x operating hours) = **Total Vend Available.**

Example: (280) + (200 x 3 hours) = 880 Total Vends of 2 oz.
Calculated at 50° water, 70° air temperature.

Model	Bin Vol.	1 Hr. Prod. Lbs.	Full Bin Vends/Recovery Rate Vends Per Hour			
			2 Oz.	4 Oz.	10 Oz.	
HQD650 Air-Cooled	35	600	25	280/200	140/100	93/66
HQD650 Water-Cooled	35	600	25	280/200	140/100	93/66

OPTIONAL WALL MOUNTING KIT KWB3

For use when HQD650 is mounted on a wall.

OPTIONAL SPLASH PANEL KIT KSP1

For use when HQD650 is installed above a permanent sink.

5.67 kWh/100 lbs Alc 56.1 gal/24hr
7600 Btu/h

KV5H-30 OPTIONAL DRINK VALVE KIT:

Four electric valves dispense 4 soft drinks plus carbonated and non-carbonated water. For use with a remote carbonation system.

DMS20 MACHINE STAND

Height: Without Legs 30" (76.2 cm)
Width: 26" (66 cm), Depth: 20 1/2" (52.1 cm)
Shipping Weight: 65 lbs. (29 kg.)

DMS20E: Sandalwood Enamel, Black legs.

DMS20S: Stainless Steel, Nickel plated legs.

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling feet.

OPTIONAL LEG KIT FOR MACHINE STAND:

KLP2S: Nickel plated, brushed metal finish with stainless steel foot.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F., or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



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SCOTSMAN
COMMERCIAL ICE SYSTEMS

HQD650

Hard "Ice Nugget" Cuber-Dispenser

ENERGY EFFICIENT — LOWER OPERATING COSTS

- Up to 600 lbs. of "Ice Nuggets" in 24 hours.
- Saves up to 36% electricity over regular cubers.
- Annual energy savings as high as \$280 @ 6¢ per KWH.

SIMPLE DESIGN — HIGHER RELIABILITY

- Only one moving part under refrigeration.
- Quiet operation ... no noisy cube harvest.
- Field proven to assure dependability.
- Safety controls protect against low refrigerant or water pressure.

NON-BRIDGING NUGGETS — EASY SERVING

- Jam-free dispensing.
- Nuggets stay separated without clustering.
- Provide maximum liquid displacement.

FLEXIBILITY — MORE CONVENIENCE

- Removable cleanable polyester sink and Stainless Steel splash panel.
- Foam insulated 35-pound capacity Stainless Steel bin.
- Separate water and ice glass fillers.
- Mounts on counter, wall or on DMS21A machine stand.
- Front service access.
- Utilities may enter cabinet from the bottom, back or either side.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**



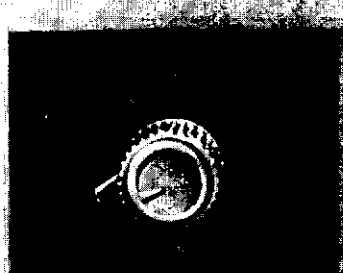
An HQD650 is shown here on a DMS21A machine stand. Each unit is sold separately.



NEW HARD "ICE NUGGETS"
"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets flow freely and dispense easily and give very high liquid displacement in beverages. Ideal for salad bars and iced displays.



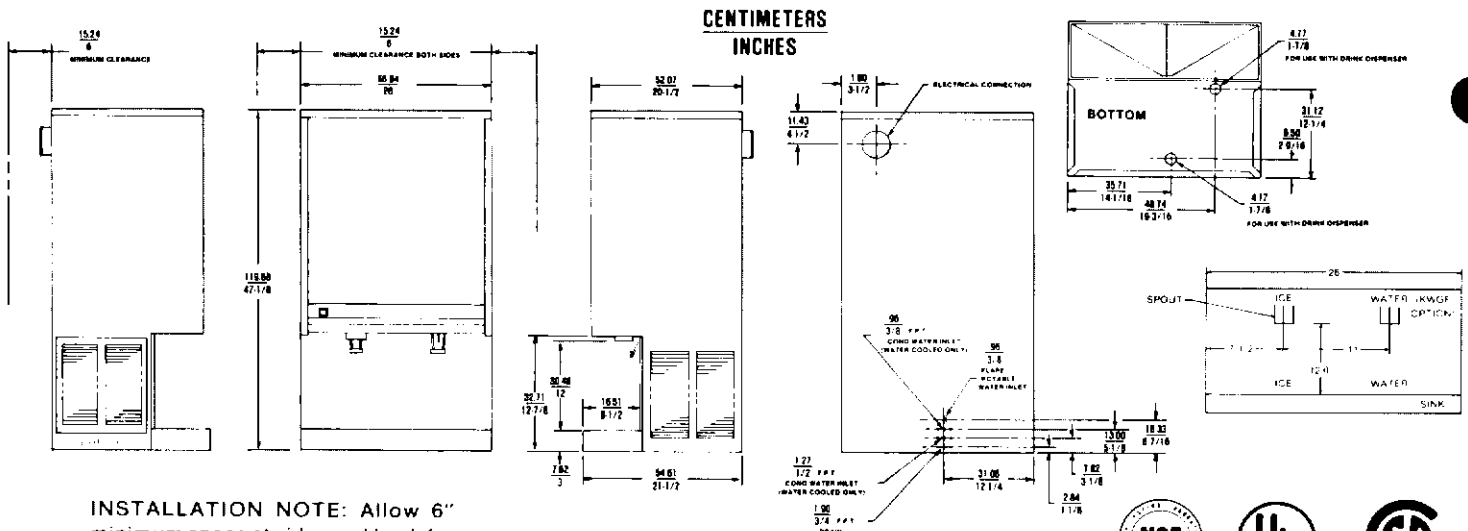
SOFT DRINK DISPENSING
KV5H-30 electric valve kit and a remote carbonation system easily convert the HQD650 into a high profit drink center.



VARIABLE PORTION CONTROL

Allows choice of vends from one ounce to seven ounces. Select the amount of ice to suit the glass size. Control is conveniently located adjacent to ice spout.

HQD650 HARD "ICE NUGGET" CUBER-DISPENSER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap. ***	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
HQD650AE-1C	47 1/8 x 26 x 21 1/2	35 lbs.	600 lbs.	—	Air	ES	115/60/1	3/4	2	21.0	30	302/137
HQD650AS-1C	47 1/8 x 26 x 21 1/2	35 lbs.	600 lbs.	—	Air	SS	115/60/1	3/4	2	21.0	30	302/137
HQD650WE-1C	47 1/8 x 26 x 21 1/2	35 lbs.	600 lbs.	—	Water	ES	115/60/1	3/4	2	20.7	30	312/142

** ES Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish, with cork pattern vinyl front panel SS Stainless Steel finish

† Use this value to determine minimum wire size as per National Electric Code Standards

*** Maximum storage capacity for bin is based on 90% of total volume in cubic feet times 34 lb. average density of ice

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

HQD650A AIR-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				
	F°	50°	70°	90°	
70°	600	544	499	454	lbs.
21°	272	246	226	206	kg.
90°	514	468	423	378	lbs.
32°	233	212	192	172	kg.
100°	445	425	390	370	lbs.
38°	202	192	177	167	kg.

HQD650W WATER-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				
	F°	50°	70°	90°	
70°	600	523	464	405	lbs.
21°	272	237	210	183	kg.
90°	589	521	461	401	lbs.
32°	267	236	209	182	kg.
100°	578	517	456	395	lbs.
38°	262	234	207	180	kg.

METERED ICE VENDS: Variable selection 1 oz. to 7 oz.

GUIDE TO PEAK NUMBER OF VENDS PER HOUR

(Vends from full bin) + (Vends per hour at recovery rate x operating hours) = Total Vend Available.

Example: (280) + (200 x 3 hours) = 880 Total Vends of 2 oz.
Calculated at 50° water, 70° air temperature.

Ice Nugget Dispenser Model	Bin Cap. Lbs.	24 Hr. Prod. Lbs.	1 Hr. Prod. Lbs.	Full Bin Vends/Recovery Rate Vends		
				2 Oz.	4 Oz.	6 Oz.
HQD650 Air-Cooled	35	600	25	280/200	140/100	93/66
HQD650 Water-Cooled	35	600	25	280/200	140/100	93/66

Ounces are shown by weight, not volume. Volume is twice weight.

OPTIONAL WALL MOUNTING KIT KWB3

For use when HQD650 is mounted on a wall.

OPTIONAL SPLASH PANEL KIT KSP1

This panel kit covers the opening when the sink assembly is not used, for example if the HQD650 is installed above a permanent sink.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN[®]

A HOUSEHOLD

INTERNATIONAL COMPANY

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TELEX EASYLINK 62922027

Printed in U.S.A.

S-167-88

KV5H-30A OPTIONAL DRINK VALVE KIT:

Four electric valves dispense 4 soft drinks plus carbonated and non-carbonated water. Two single lever valves provide carbonated drink. One double lever valve provides 1 carbonated drink and or carbonated water. One double lever valve provides 1 sweet water drink and or sweet water. For use with remote carbonation systems.

DMS21 MACHINE STAND

Height: Without Legs 30" (76.2 cm)
Width: 26" (66 cm), Depth: 21 1/2" (54.6 cm)
Shipping Weight: 68 lbs. (31 kg.)

DMS21EA: Sandalwood Enamel, Black legs.
DMS21SA: Stainless Steel, Nickel plated legs.

Four metal legs screw into mounting plates on cabinet base. Provide 6" Minimum height including adjustable leveling feet.

IMPORTANT OPERATING REQUIREMENTS:

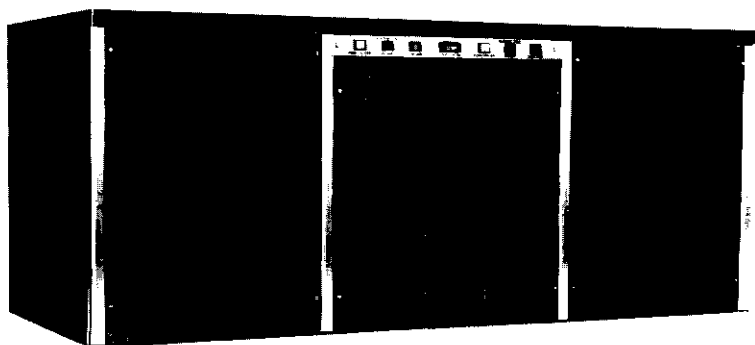
Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F., or exceed 100° F.; nor where water temperatures fall below 40° F., or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.



SCOTSMAN[®]

COMMERCIAL ICE SYSTEMS



HC1200

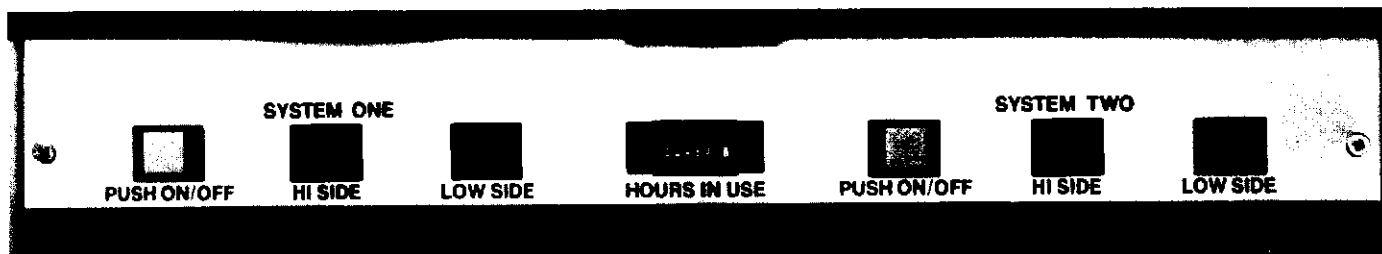
horizontal cuber

The HC1200 cuber offers volume ice production from two complete refrigeration and electrical systems. Each system operates independently from its own 1.5 H.P. compressor. The dual control panel lights indicate need for service on the systems high or low side. An on/off push button, one for each system, provides the shut down of either ice maker when servicing or cleaning is necessary. Total ice production of up to *1325 pounds in 24 hours assures an ample supply of ice even while one system is not operating. Removable front panels and lift-off top provide easy access to mechanical parts. Service is accomplished fast . . . at minimum cost. An elapsed time indicator shows the exact number of hours the unit has been operating. A periodic

check of equipment provides an accurate schedule for cleaning and maintenance, to avoid costly break-down and repair.

Like other modular cubers in the Scotsman line, two HC1200 cube makers can be stacked to double ice volume. The B120 bin was specifically designed for the HC1200 cuber and provides ice storage of 860 pounds. Two bin extensions are also available to increase storage when an additional cuber is added to the system. Call a Scotsman representative for more information on this unique volume cuber and bin system.

**See Ice Making Capacity on other side.*



DUAL SYSTEMS

Two separate refrigeration and electrical systems, each has its own 1.5 H.P. compressor and operates independently. One side continues to make ice while the other side is off for cleaning or adjustment.

CAUTION CONTROL CENTER

1. ON/OFF button provides convenient manual control for each separate system. Button light is on whenever machine is freezing

or harvesting ice.

2. HI SIDE caution light indicates need for service to the high pressure side of refrigeration system.
3. LOW SIDE pressure caution light indicates that evaporator is not making ice and requires service.
4. METER DIAL shows amount of actual time machine has operated. Provides accurate schedule for cleaning and maintenance.



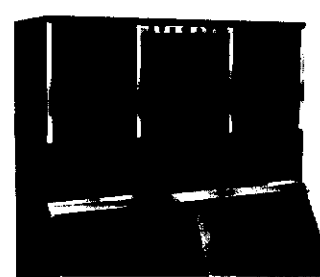
FRONT SERVICE ACCESS

The three front panels and top are removable. Four screws hold each panel in place so when service is necessary, repairs can be made fast and economically.



B120 STORAGE BIN

Specifically designed for the HC1200 cuber, the B120 bin offers storage capacity of 860 pounds. Feature two lift-up doors for convenient access to ice.



BIN EXTENSIONS

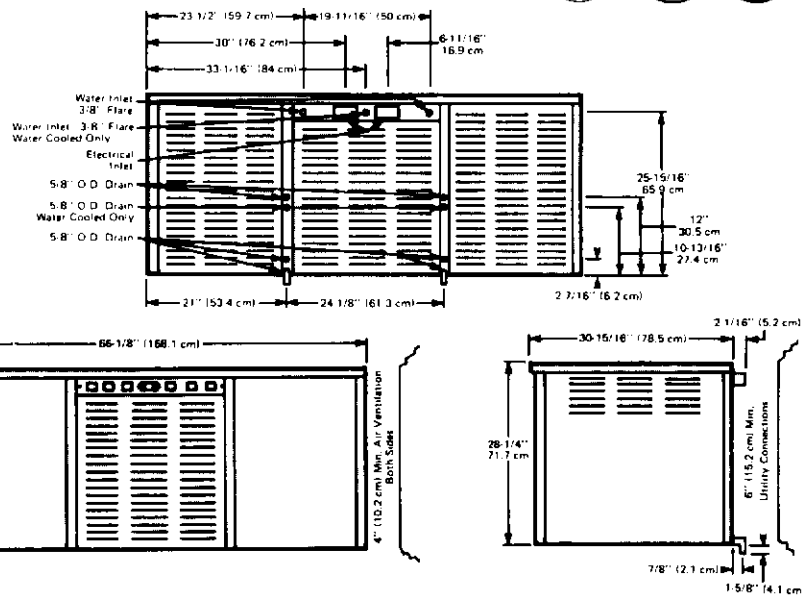
Two bin extensions are available for the B120 bin. The BX128 has storage capacity of 720 pounds and the BX113 provides space for an additional 350 pounds.

HC1200 horizontal cuber



*Capacity: Refer to Ice Making Capacity chart.
Height: 28-1/4" (71.7cm) **Width:** 66" (167.6cm)
Depth: 30-1/2" (77.4cm)
Shipping Weight: 647 lbs. (294 kgs.)

IMPORTANT OPERATING REQUIREMENTS
 Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations or installations where air temperatures are below 50°F. or above 100°F. and the water temperature is below 40°F. or above 100°F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.



ICE MAKING CAPACITY

Typical ice production – medium size cube – lbs. of ice per 24 hours. Large or small cube size production is approximately 15% lower.

HC1200 AIR-COOLED WATER TEMP.

AIR TEMP.	F°	90°	70°	50°	lbs.
	C°	32°	21°	10°	
70°	1080	1200	1325		
21°	489	544	600		
90°	1040	1115	1180		
32°	472	506	535		
100°	905	975	1045		
38°	410	442	474		

HC1200 WATER-COOLED WATER TEMP.

AIR TEMP.	F°	90°	70°	50°	lbs.
	C°	32°	21°	10°	
70°	1195	1225	1265		
21°	541	555	574		
90°	1155	1200	1240		
32°	524	544	562		
100°	1110	1175	1215		
38°	503	532	551		

Model Number	Cube Size	Condensing Unit	Compressor Horsepower	Finish*	Ship.Wt. lbs./kgs.
HC1200SAE-9A	Small	Air	2 @ 1½	enamel	647/294
HC1200SAE-31A		Air	2 @ 1½	enamel	647/294
HC1200SWE-9A		Water	2 @ 1½	enamel	635/288
HC1200SWE-31A		Water	2 @ 1½	enamel	635/288
HC1200MAE-9A	Medium	Air	2 @ 1½	enamel	647/294
HC1200MAE-31A		Air	2 @ 1½	enamel	647/294
HC1200MWE-9A		Water	2 @ 1½	enamel	635/288
HC1200MWE-31A		Water	2 @ 1½	enamel	635/288
HC1200LAE-9A	Large	Air	2 @ 1½	enamel	647/294
HC1200LAE-31A		Air	2 @ 1½	enamel	647/294
HC1200LWE-9A		Water	2 @ 1½	enamel	635/288
HC1200LWE-31A		Water	2 @ 1½	enamel	635/288

* Charcoal brown enamel finish. Order SPKHC1200 panel kit for stainless steel finish.

Basic Electricals for each of two systems	Run. Amps	Max. Oper. Amps	No. of Wires	Min. Circuit Ampacity**	Max. Fuse Size
Air Cooled:					
(-9A) 115/208-220/60/3	7.7	10.5	4	12.5	20
(-31A) 115/208-220/60/1	10.1	14.6	3	21.0	25
Water Cooled:					
(-9A) 115/208-220/60/3	7.0	9.8	4	11.8	20
(-31A) 115/208-220/60/1	9.4	13.9	3	20.0	25

** Use to determine minimum wire size per National Electric Code.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

TWO YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants to the original purchaser-user, that any commercial product of its manufacture bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This product warranty shall be effective for a period of two years from the date of original installation if such installation is reported on Scotsman's warranty registration form returned to the factory at the time of installation, or for a period of 27 months from date of shipment from the factory if the warranty registration form has not been returned (provided the foregoing warranty periods will be extended for an additional three years as to the motor compressor part.) This warranty is applicable only in the United States and Canada.

Scotsman's obligation is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. The serial and model numbers and date of original installation of the product must be given. Charges for labor (except labor performed in the Scotsman factory to repair defective parts) are not covered. No part or assembly which has been subject to accident, alteration or misuse, or which is not installed or serviced in accordance with the user manual furnished with the product, or which is from a machine on which the serial number has been altered or removed, shall be covered by this warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance or installation shall be made by Scotsman's Service Department and shall be final and binding upon the parties.

Scotsman assumes no liability for incidental or consequential damages of any kind or for any damages resulting in whole or in part from misuse or inadequate maintenance of the product or any part thereof.

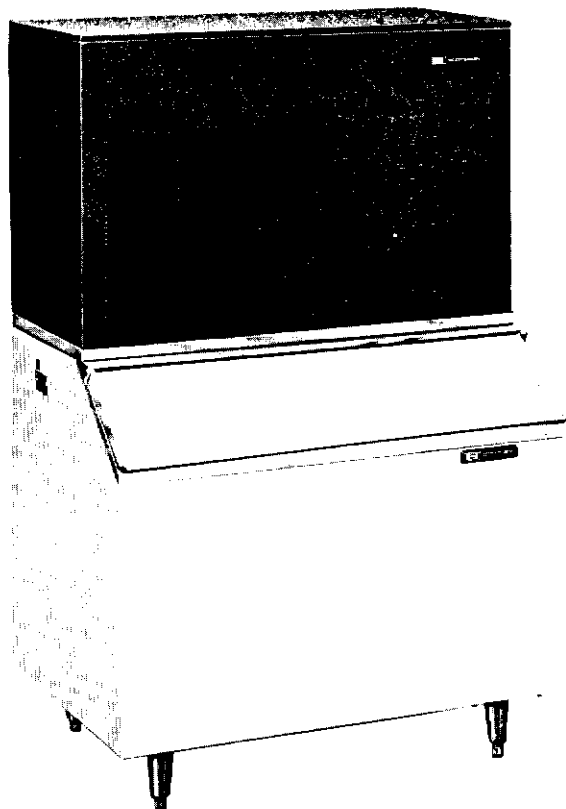
THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MINN. 56007

SCOTSMAN
COMMERCIAL ICE SYSTEMS



An HC800 Cuber is shown here on a B60 Bin.
Each unit is sold separately. Leg Kit is supplied with bin.

HC800

Modular Stacking Cuber

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 730 lbs. of ice in 24 hours.
- Over 1400 lbs. of ice daily ... stacking two units.

NEW DESIGN CONCEPT

- No moving parts in ice making section.
- Field tested, proven reliability.
- Produces the famous, crystal clear, Scotsman round cube.
- Medium or small size round cube models available.

EASY TO SERVICE —

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hook-ups are external on rear panel.

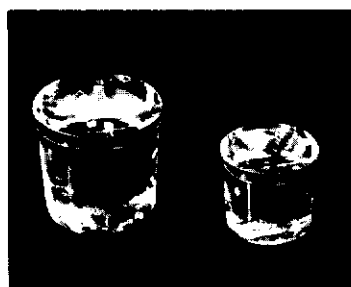
QUALITY ASSURANCE

Start-up of every HC800 Cuber is conducted before shipping, to insure that all mechanical systems perform properly.

STRONGEST WARRANTY — SATISFACTION

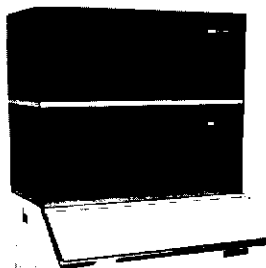
See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Certified Servicing Dealer Network. Service Dealers.



SMALL OR MEDIUM CUBES

Scotsman's unique round cube design provides sizes to meet most ice requirements. The solid cubes melt slowly and won't freeze together. Medium size is 1 1/2" high, small size is 3/4" high.



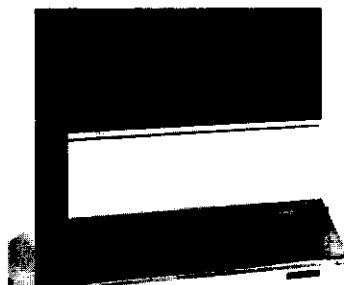
ADD-ON SYSTEM

Double or triple ice production by stacking additional modular cubers on top of existing unit.



PURIFIED ICE

Fresh water is jet-sprayed in cube cups from the nozzle. Pure water freezes at higher temperature, thus allowing sediment and other impurities to drain away.



BIN EXTENSIONS

For additional ice storage, mount an HC800 on top of a bin extension. Bin extensions are available for the B60 and B90 bins.

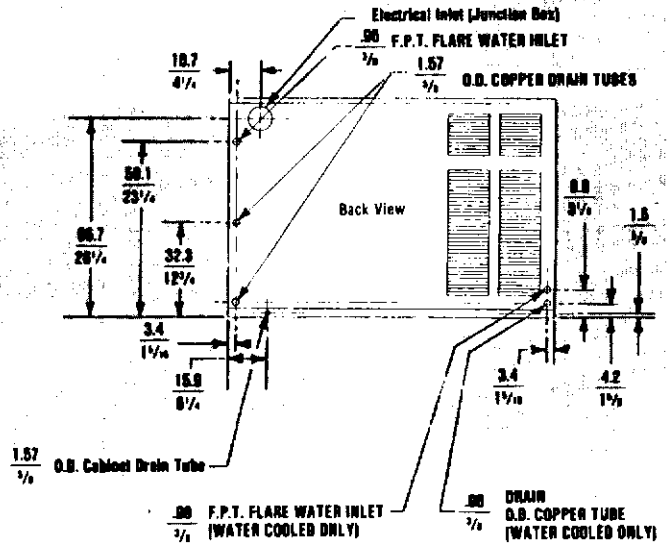
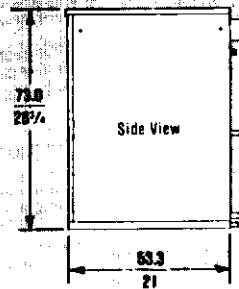
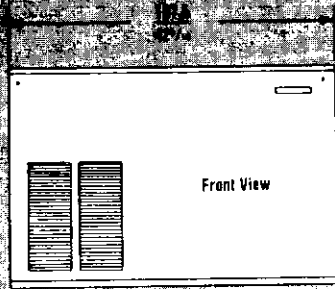
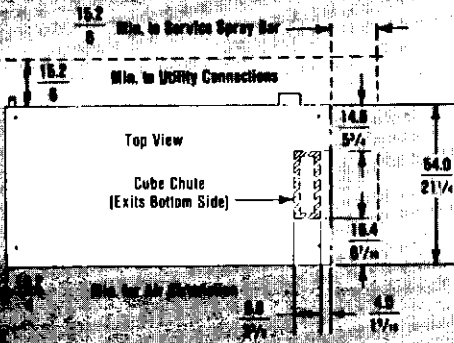
**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

HC800 MODULAR STACKING CUBER

CENTIMETERS
INCHES

INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	Dimensions (Height - w/o Legs) H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
HC800SAE-31A	28 3/4 x 42 3/16 x 21 1/4	—	655 lbs.	Small	Air	ES	115/208-230/60/1	1 1/2	3	26.9	30	297/135
HC800SWE-31A	28 3/4 x 42 3/16 x 21 1/4	—	608 lbs.	Small	Water	ES	115/208-230/60/1	1 1/2	3	25.9	30	297/135
HC800MAE-31A	28 3/4 x 42 3/16 x 21 1/4	—	730 lbs.	Medium	Air	ES	115/208-230/60/1	1 1/2	3	26.9	30	297/135

** (EC) Charcoal brown enamel finish on leathergrain embossed steel.
Order SPKMC35 panel kit for stainless steel finish. Not factory installed. Kit includes top, front and side panels.
† Use this value to determine minimum wire size required to meet National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production — lbs./kgs. of ice per 24 hours.

HC800MA AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	730	645	578	511	lbs.
21°	331	293	262	231	kg.
90°	624	605	560	521	lbs.
32°	283	274	264	254	kg.
100°	570	530	487	447	lbs.
38°	259	240	221	202	kg.

HC800MW WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	678	660	602	584	lbs.
21°	307	299	273	265	kg.
90°	672	640	580	548	lbs.
32°	305	290	263	248	kg.
100°	665	630	577	542	lbs.
38°	302	286	262	247	kg.

NOTE: Production shown is for medium size cube from machine with properly adjusted cube size and defrost controls. For small cubes derate the above capacities up to 20%.

STORAGE BIN

The HC800 will stack onto a variety of Scotsman Modular Bins such as the B60 and B90. See your dealer for latest models of bins and bin extensions which combine for added capacity.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

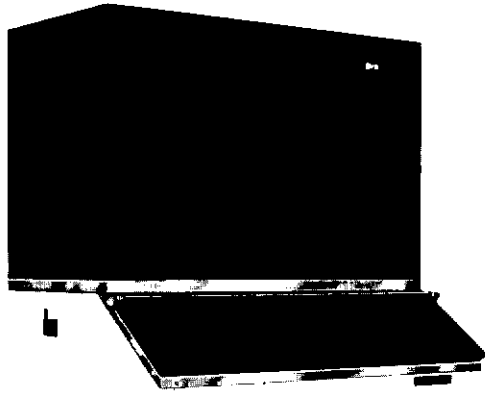
INTERNATIONAL COMPANY

SCOTSMAN ICE SYSTEMS • 505 FRONT ST. • ALBERT LEA, MN 56007 • (507) 373-3961
AS-220

TWX 910-565-2173

Printed in U.S.A.

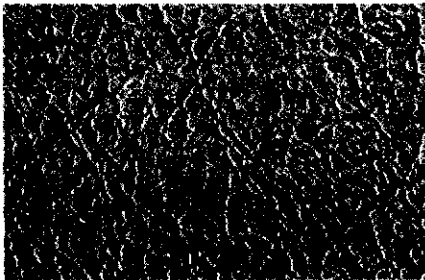
* 630 pound
HC700
modular
stacking cuber



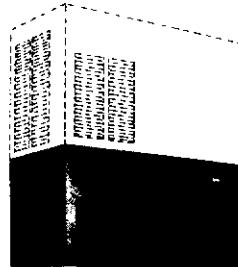
If your ice requirements are king-sized, the HC700 will fill the need. It produces up to 630 pounds* of ice in 24 hours, and with the Scotsman modular cuber system another cuber can be stacked on top to double production. With the flexibility of Scotsman's modular cubers and bin extensions, your changing ice requirements can be fulfilled efficiently and economically. The HC700 produces the famous Scotsman "round cube" . . . pure, crystal clear ice that melts slowly and never taints the taste of a beverage. Two popular cube sizes are available. Select the size best suited to your needs. Let Scotsman install the cube ice system that will grow with your business.

HC700 Cuber and choice of storage bin are sold separately. Cuber is shown here on a B60 Bin.

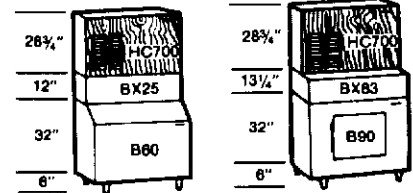
*See Ice Making Capacity on other side



EMBOSSED STEEL CABINET
Rich leather grain pattern is permanently embossed into the steel. Nine-step finishing process provides durable, hi-gloss, baked enamel surface.



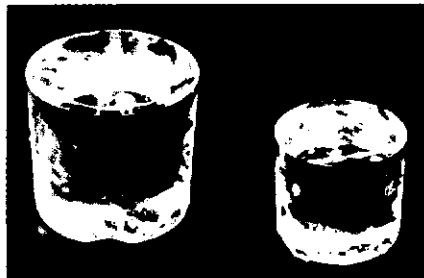
MIX 'N MATCH ADD-ONS
Double ice production by stacking an additional cuber on top of existing unit. Models of different heights and production can be mixed.



BIN EXTENSIONS
For additional ice storage, mount an HC700 on top of a bin extension. Bin extensions are available for each of the B40, B60, B80, B90 and B120 Bins. Provides minimum height and floor space with maximum ice volume and storage.



PURIFIED ICE
Fresh water is jet-sprayed in cube cups from the spray nozzle. Pure water freezes at higher temperature, thus allowing sediment and other impurities to drain away, leaving pure, clear ice.

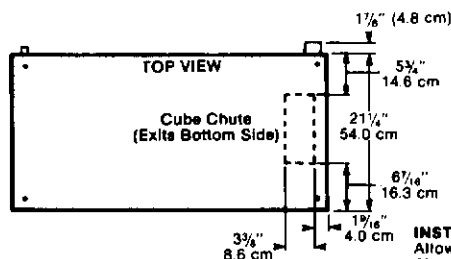
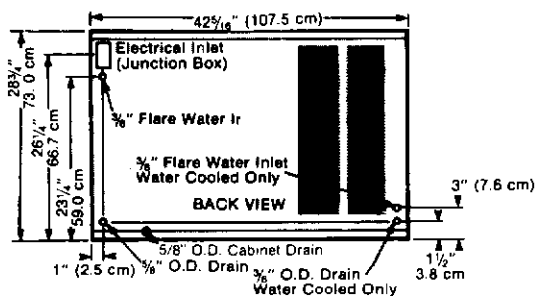


SMALL OR MEDIUM CUBES
Scotsman's unique round cube design provides sizes to meet most ice requirements. The solid cubes melt slowly and won't freeze together.



APPROVALS
The HC700 is fully approved and listed by: National Sanitation Foundation, Underwriters Laboratories.

HC700 modular stacking cuber



PLUMBING CONNECTIONS:

- 3/8" Flare Water Inlet
- 5/8" O.D. Machine Drain
- 5/8" O.D. Condensor Drain
- 5/8" O.D. Cabinet Drain Tube

INSTALLATION NOTE:
Allow 6" minimum air circulation space on all sides.
Also allow space at right side for service access.

SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Ice Prod. Cap. 24 Hrs. ***	Cube Size	Cond. Unit	Finish *	Basic Elec.	Comp. H.P.	Run. Amps	Max. Oper. Amps	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shpg. Wt. lbs./kg.
HC700SAE-9A	28 3/4 x 42 5/16 x 23 1/8	575 lbs.	Small	Air	E	115/208-220/60/3	1	8.3	10.2	4	15.0	15	276/125
HC700SAE-31A	28 3/4 x 42 5/16 x 23 1/8	575 lbs.	Small	Air	E	115/208-230/60/1	1	11.8	16.8	3	20.1	20	276/125
HC700SWE-9A	28 3/4 x 42 5/16 x 23 1/8	540 lbs.	Small	Water	E	115/208-220/60/3	1	7.6	9.5	4	15.0	15	273/124
HC700SWE-31A	28 3/4 x 42 5/16 x 23 1/8	540 lbs.	Small	Water	E	115/208-230/60/1	1	11.1	16.1	3	20.1	20	273/124
HC700MAE-9A	28 3/4 x 42 5/16 x 23 1/8	630 lbs.	Med.	Air	E	115/208-220/60/3	1	8.3	10.2	4	15.0	15	276/125
HC700MAE-31A	28 3/4 x 42 5/16 x 23 1/8	630 lbs.	Med.	Air	E	115/208-230/60/1	1	11.8	16.8	3	20.1	20	276/125
HC700MWE-9A	28 3/4 x 42 5/16 x 23 1/8	590 lbs.	Med.	Water	E	115/208-220/60/3	1	7.6	9.5	4	15.0	15	273/124
HC700MWE-31A	28 3/4 x 42 5/16 x 23 1/8	590 lbs.	Med.	Water	E	115/208-230/60/1	1	11.1	16.1	3	20.1	20	273/124

** (E) Charcoal Brown baked enamel finish.

Order SPKMC35 panel kit for stainless steel finish. Not factory installed.

† Use this value to determine minimum wire size required to meet National Electric Code Standards.

ICE MAKING CAPACITY:

Typical ice production — lbs./kg. of ice per 24 hours

HC700MA AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	90°	70°	50°	lbs. / kg.
	C°	32°	21°	10°	
70°	530	580	630	630	lbs. / kg.
21°	241	263	286	286	lbs. / kg.
90°	460	510	550	550	lbs. / kg.
32°	209	232	250	250	lbs. / kg.
100°	440	465	485	485	lbs. / kg.
38°	200	211	220	220	lbs. / kg.

HC700MW WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	90°	70°	50°	lbs. / kg.
	C°	32°	21°	10°	
70°	515	550	590	590	lbs. / kg.
21°	234	250	268	268	lbs. / kg.
90°	500	530	550	550	lbs. / kg.
32°	227	241	250	250	lbs. / kg.
100°	490	520	550	550	lbs. / kg.
38°	222	236	250	250	lbs. / kg.

Note: Production shown is for medium size cube from machine with properly adjusted cube size and defrost controls. Small cube production is approximately 10% lower.

SEPARATE STORAGE BIN:

The HC700 will stack onto a variety of Scotsman Modular Bins such as the B40, B60, B80, B90 and B120. See your dealer for latest models of bins and bin extensions which combine for added capacity.

KSC1 STACKING KIT:

Required when stacking each additional cuber.

Connects cube chutes. Models can be mixed.

KSEMC35 KIT:

Optional cube deflector kit for mounting HC700 on non-Scotsman bin.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations or installations where air temperatures are below 50°F or above 100°F and the water temperature is below 40°F or above 100°F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.

FIVE YEAR COMPRESSOR WARRANTY TWO YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants to the original purchaser-user, that any commercial product of its manufacture bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This product warranty shall be effective for a period of two years from the date of original installation if such installation is reported on Scotsman's warranty registration form returned to the factory at the time of installation, or for a period of 27 months from date of shipment from the factory if the warranty registration form has not been returned.

An additional three year period is provided for the motor compressor of this equipment under the same conditions as the two year parts portion. This warranty is applicable only in the United States and Canada.

Scotsman's obligation is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. The serial and model numbers and date of original installation of the product must be given. Charges for labor (except labor performed in the Scotsman factory to repair defective parts) are not covered. No part or assembly which has been subject to accident, alteration or misuse, or which is not installed or serviced in accordance with the User Manual furnished with the product, or which is from a machine on which the serial number has been altered or removed, shall be covered by this warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance or installation shall be made by Scotsman's Service Department and shall be final and binding upon the parties.

Scotsman assumes no liability for incidental or consequential damages of any kind or for any damages resulting in whole or in part from misuse or inadequate maintenance of the product or any part thereof.

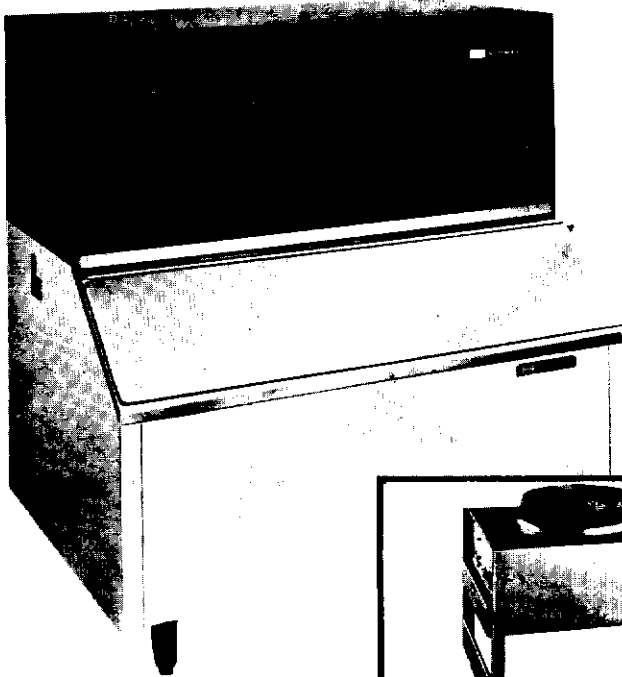
THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

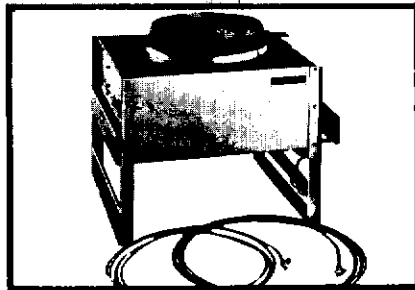
Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MN 56007

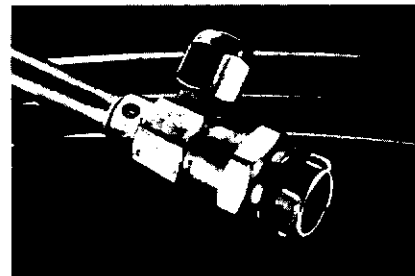
SCOTSMAN[®]**COMMERCIAL ICE SYSTEMS**

An HC400R Cuber is shown here on a B40 Bin. Each unit is sold separately.



MODULAR ADD-ON SYSTEM

Double or triple ice production by stacking additional modular cubers on top of existing units. Remote condenser provides up to three connections to accommodate extra machines. Scotsman bins and extensions are available with storage capacities from 370 pounds to 1930 pounds.



QUICK-CONNECT FITTING

Pre-charged refrigerant lines provide fast hook-up from machine to condenser. The system is completely operational when connections are completed. Recharging the system is accomplished through a charging port located on the fitting attached to the condenser.

HC400R

modular stacking cuber with remote condenser

- Cube production up to 393 pounds per day
- Low profile . . . only 18 inches high
- Cubes are the famous non-stick round shape
- Add-on system allows additional cubers to be stacked on top of the original
- Scotsman's HC400R offers time-proven reliability at lower cost than any comparable models
- Operates with one or two pass remote condenser
- Scotsman modular bins offer a wide range of ice storage capabilities
- Strongest factory warranty in the industry

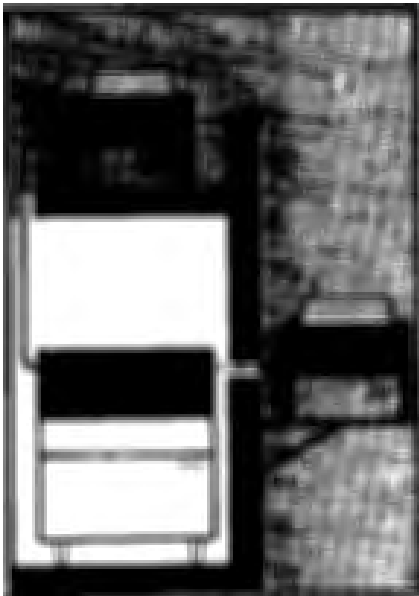
REMOTE CONDENSER

- Installation on roof or any location higher than the ice machine
- Fan motor operates from separate electrical outlet
- Ambient sensing thermostat, controls fan motor at temperature from -20° F. to $+120^{\circ}$ F.
- 25 foot and 40 foot refrigerant lines are fully charged with easy to install quick-connect couplings
- Offers a variety of single or multiple unit installation possibilities
- Models available, tailored to handle various compressor loads
- Remote condensing removes heat from work areas, eliminates fan motor noise and relieves burden on air-conditioning system

CONDENSER MODELS

- RC151 Accommodates one HC400R or one MF900R
- RC302 Accommodates two MF900R units or one HC400R and one MF900R

**SCOTSMAN — WORLD'S LARGEST
MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

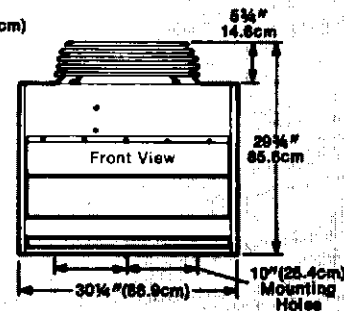
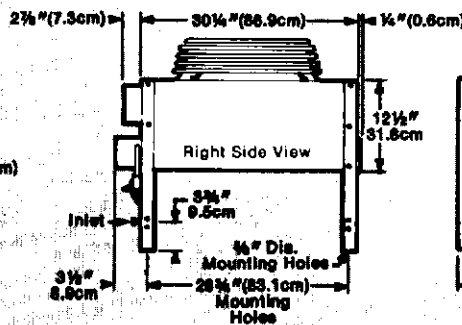
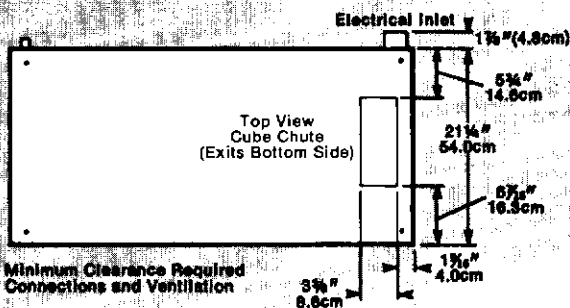
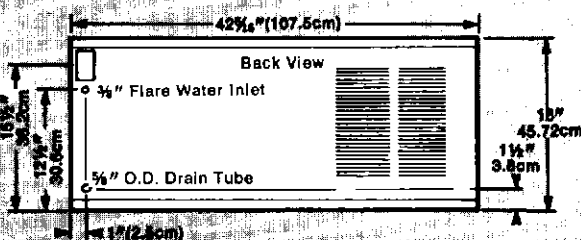


PURIFIED ICE

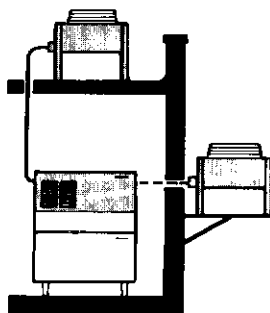
Fresh water is jet-sprayed in cube cups from the nozzle. Pure water freezes at higher temperature, thus allowing sediment and other impurities to drain away.

HC400R MODULAR STACKING CUBER WITH REMOTE CONDENSER

This product qualifies for these listings.

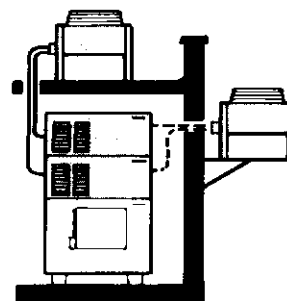


We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.



NOTE: Remote condenser must be installed at height equal to or above icemaker. Must not be installed at level lower than icemaker.

Dotted line indicates alternate location.



SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish	Base Electrical	Comp. H.P.	Run. Amps.	Max. Oper. Amps.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Stkg. Wt. lbs./kg.
HC400MRE-1A	18 x 42 1/8 x 21 1/4	—	393 lbs.	Med.	R-Air	EC	115/60/1	3/4	19.0	21.5	2	23.1	30	210/96
HC400MRE-31A	18 x 42 1/8 x 21 1/4	—	393 lbs.	Med.	R-Air	EC	115/208-230/60/1	3/4	10.0	14.2	3	16.5	20	210/96

REMOTE CONDENSERS

RC151-32A	29 1/4 x 30 1/4 x 33 1/4	(1) HC400R	Air	Galv.	208-230/6/1	—	2.0	2.0	2	2.0	15	115/52
RC302-32A	29 1/4 x 30 1/4 x 33 1/4	(1) HC400R and (1) MF900R	Air	Galv.	208-230/60/1	—	2.0	2.0	2	2.0	15	135/61

** (EC) Charcoal brown acrylic enamel finish on leathergrain embossed steel.
† Use this value to determine minimum wire size required to meet National/Electric Code Standards.

HC400MR AIR-COOLED WATER TEMPERATURE

CONDENSER AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
110°	334	308	285	lbs.	
43°	152	140	130	kg.	
90°	389	358		lbs.	
32°	177	162		kg.	
70°	393	362		lbs.	
21°	179	164		kg.	
50°	338			lbs.	
10°	153			kg.	
30°	290			lbs.	
1°	132			kg.	
0°	280			lbs.	
-18°	127			kg.	

***ICE MAKING CAPACITY:**
Typical ice production —
lbs./kg. of ice per 24 hours.

SEPARATE STORAGE BIN:

The HC400R will stack onto a variety of Scotsman Modular Bins such as the B40, B60, B80, B90 and B120. See your dealer for latest models of bins and bin extensions which combine for added capacity.

KSC1 STACKING KIT:

Required when stacking each additional modular cuber. Connects cube chutes. All modular cuber models can be mixed.

KSEMC35 KIT:

Optional cube deflector kit for mounting the HC400R on a non-Scotsman bin.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installations where air temperatures fall below 50° F., or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warrant coverage. **NOTE:** This does not include the Remote Condenser. Remote Condensers are designed to operate in outdoor installation in a temperature range of -20° F to +120° F.

REFRIGERANT TUBE KITS

RT225 25 foot fully charged Freon R-12 line
RT240 40 foot fully charged Freon R-12 line



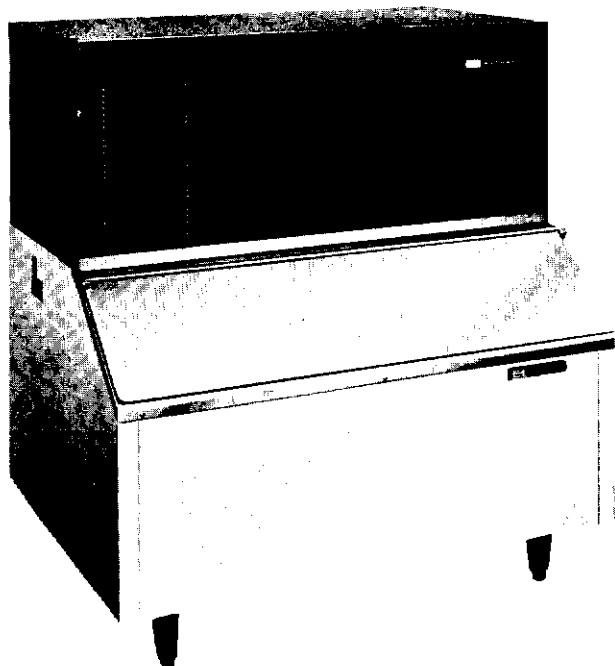
COMMERCIAL ICE SYSTEMS

AS-219-4

QUEEN PRODUCTS DIVISION • KING-SEELEY THERMOS CO. • 505 FRONT ST., ALBERT LEA, MN 56007

Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

Printed in U.S.A.



An HC400 Cuber is shown here on a B40 Bin. Each unit is sold separately. Leg Kit is supplied with bin.

HC400

Modular Stacking Cuber

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 385 lbs. of ice in 24 hours.
- Over 700 lbs. of ice daily ... stacking two units.

NEW DESIGN CONCEPT

- No moving parts in ice making section.
- Field tested, proven reliability.
- Produces the famous, crystal clear, Scotsman round cube.
- Medium or small size round cube models available.

EASY TO SERVICE —

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hook-ups are external on rear panel.

QUALITY ASSURANCE

Start-up of every HC400 Cuber is conducted before shipping, to insure that all mechanical systems perform properly.

STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

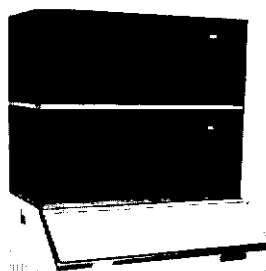
- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Certified Servicing Dealer Network.

SCOTSMAN — WORLD'S LARGEST MANUFACTURER OF COMMERCIAL ICE MACHINES!



SMALL OR MEDIUM CUBES

Scotsman's unique round cube design provides sizes to meet most ice requirements. The solid cubes melt slowly and won't freeze together. Medium size is 1 1/2" high, small size is 3/4" high.



ADD-ON SYSTEM

Double or triple ice production by stacking additional modular cubers on top of existing unit.



PURIFIED ICE

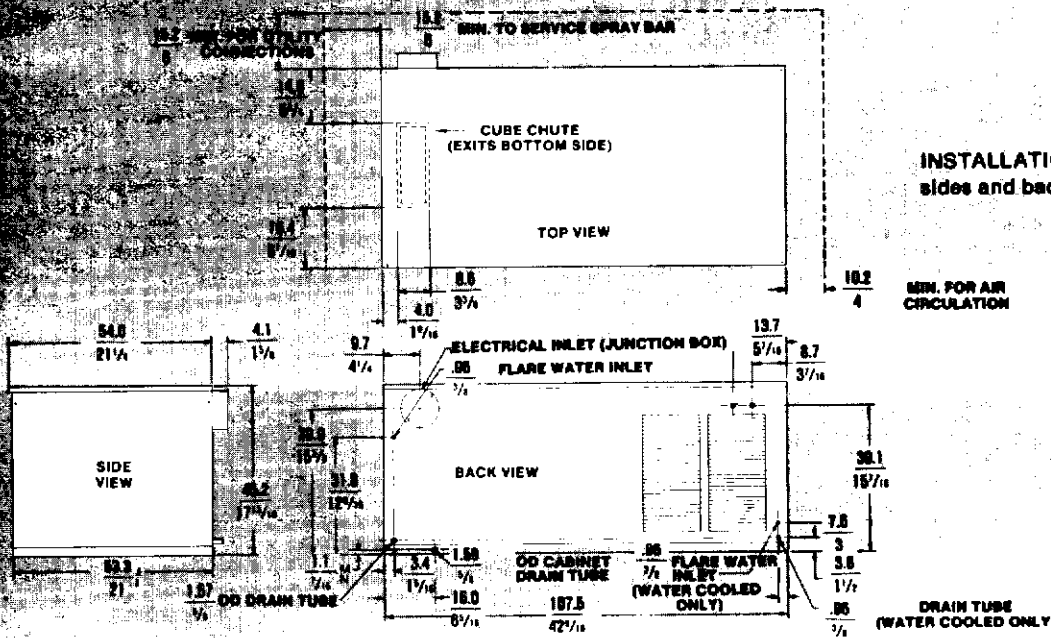
Fresh water is jet-sprayed in cube cups from the nozzle. Pure water freezes at higher temperature, thus allowing sediment and other impurities to drain away.



BIN EXTENSIONS

For additional ice storage, mount an HC400 on top of a bin extension. Bin extensions are available for the B40, B60, and B90 bins.

HC400 MODULAR STACKING CUBER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

**CENTIMETERS
INCHES**

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	Height - w/o Legs Dimensions H x T x D (in)	Shp. Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shp. Wt. lbs./kg.
HC400SAE-1A	17 1/2" x 42 7/8" x 22 3/4"	—	337 lbs.	Small	Air	ES	115/60/1	1	2	31.3	30	210/95
HC400MAE-1A	17 1/2" x 42 7/8" x 22 3/4"	—	365 lbs.	Medium	Air	ES	115/60/1	1	2	31.3	30	210/95

** (ES) Sandalwood enamel finish on leathergrain embossed steel.
Order **SPKMC25** panel kit for stainless steel finish. Not factory installed. Kit includes top, front and side panels
† Use this value to determine minimum wire size required to meet National Electric Code Standards

*ICE MAKING CAPACITY:

Typical ice production — lbs./kgs. of ice per 24 hours.

HC400MA AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	21°	385	355	329	lbs.
		175	161	149	kg
90°	32°	351	322	295	lbs.
		160	148	134	kg
100°	38°	319	288	258	lbs.
		145	131	117	kg

NOTE: Production shown is for medium size cube from machine with properly adjusted cube size and defrost controls. For small cubes derate the above capacities up to 20%.

STORAGE BIN

The HC400 will stack onto a variety of Scotsman Modular Bins such as the B40, B60 and B90. See your dealer for latest models of bins and bin extensions which combine for added capacity.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

KSC1 STACKING KIT:

Required when stacking each additional modular cuber. Connects cube chutes.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F., or exceed 100° F.; nor where water temperatures fall below 40° F., or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

SCOTSMAN

A HOUSEHOLD

SCOTSMAN ICE SYSTEMS • 505 FRONT ST., • ALBERT LEA, MN 56007 • (507) 373-3961

INTERNATIONAL COMPANY

TWX 910-565-2173

AS-210

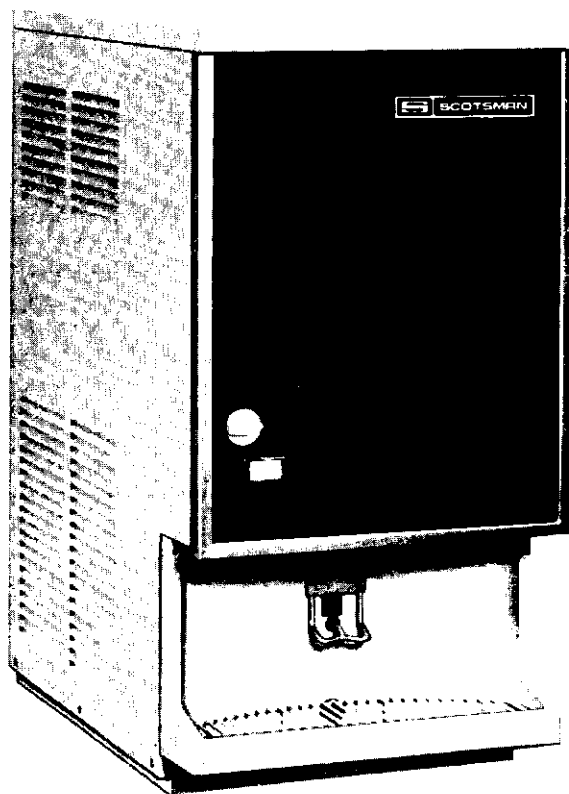
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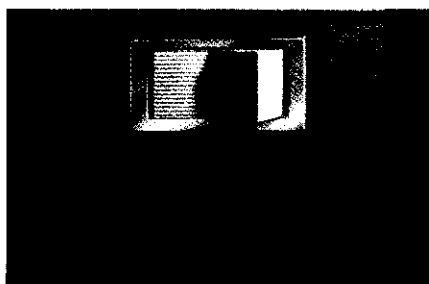
SCOTSMAN

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

FD3/FD4 flake ice dispensers



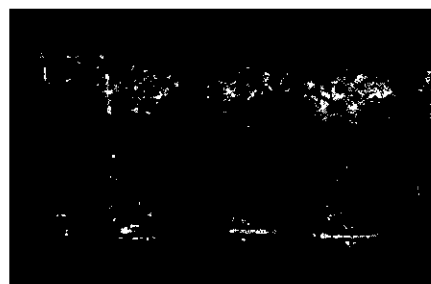
Two compact, large capacity units offer the perfect answer to your space problem. Mounted on a counter, they offer a convenient source of ice, water or both. The FD3 and FD4 models are ideal for multiple installations or in the do-it-yourself cafeteria operations. Flake ice is produced in a self-contained unit and stored in an enclosed sanitary, stainless steel bin . . . fingers never touch the ice. The FD3 model dispenses 132 2-oz. vends in the first hour of operation and 200 2-oz. vends thru the second hour, based on ambient temperatures of 70° air and 50° water. Our FD4 model dispenses 212 2-oz. vends the first hour and 360 2-oz. vends thru the second hour of operation. Vend selection control offers a choice of 1-oz., 2-oz. or continuous flow. A rocker switch gives you a choice of ice or ice and water. The clean, attractive design with rich vinyl walnut woodgrain front panel and soft sandalwood micomatte enamel finish lets the FD3 or FD4 fit perfectly into any interior decor. You can count on Scotsman Flaker/Dispenser systems to keep up with iced drink demand, even during your busiest periods.



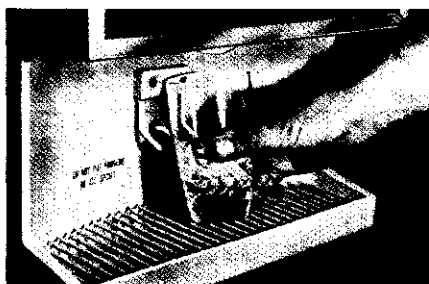
WATER/ICE SELECTION SWITCH
Select from ice only or ice and water at the touch of a switch, conveniently located on front panel.



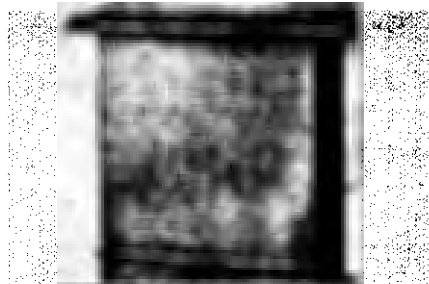
VARIABLE SELECTION
A choice of metered vends are available from one ounce, two ounces or continuous flow of flake ice.



QUALITY ICE
Scotsman's exclusive freezing and flaking mechanism produces hard individual bits of ice, sparkling clean in appearance — and they add appeal to any beverage.



SINGLE-ACTION DISPENSING
Ice dispensing lever operates with slight pressure from beverage container depositing a measured amount of ice or ice and water. Ice and water dispensed simultaneously.

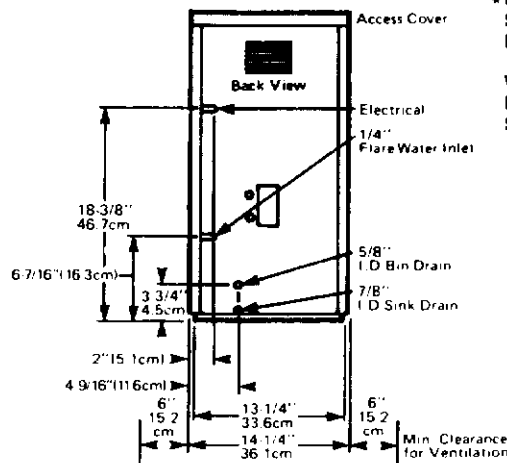
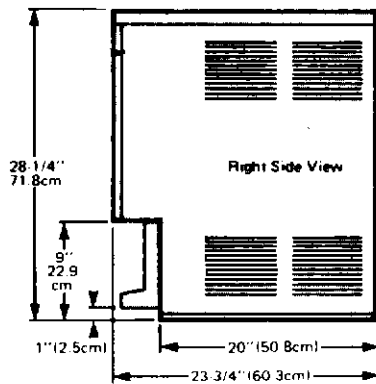


KWB WALL MOUNTING KIT
Wall mounting brackets are made of strong tempered steel. Wall mounted units are easy to install where adequate counter space is not available, or above an existing sink.

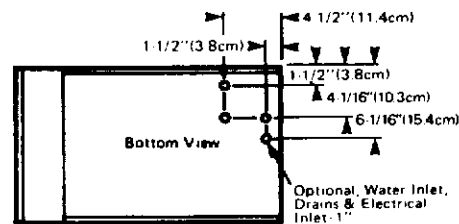


KDE1 DRAIN EXTENSION KIT
Permits convenient access to flake ice and water for larger than normal containers, such as pitchers and tall glasses.

FD3/FD4 flake ice dispensers



*Capacity: Refer to Ice Making Capacity chart
Storage Bin: 8 lbs. (3.3kg.) All stainless steel
Height: 38-1/4" (71.8cm), 33-1/4" (83.8cm) with Drain Extension Kit.
Width: 14-1/4" (36.1cm); **Depth:** 23-3/4" (60.3cm)
Metered Ice Vends: 1 oz. (28g) o4 2 oz. (56g)
Shipping Wt: FD3 model - 161 lbs. (73kg.)
 FD4 model - 192 lbs. (87kg.)



***ICE MAKING CAPACITY**
 Typical Ice Production
 Lbs. of Ice per 24 Hours.

GUIDE TO PEAK NUMBER OF VENDS PER HOUR

(Vends from full bin) + (Vends per hour at recovery rate X Operating hours) = Total vends available.

Example: (64) + (68 x 3 hours) = 204 total vends
 FD3 2 oz. 2 oz. for 3 hours

FD3 AIR-COOLED ONLY

WATER TEMP.

AIR TEMP.	WATER TEMP.				
	90°	70°	50°		
70°	180	190	205	lbs.	
21°	82	86	93	kg.	
90°	135	145	155	lbs.	
32°	61	66	70	kg.	
100°	95	110	125	lbs.	
38°	43	50	57	kg.	

FD4 AIR-COOLED ONLY

WATER TEMP.

AIR TEMP.	WATER TEMP.				
	90°	70°	50°		
70°	330	390	445	lbs.	
21°	150	177	202	kg.	
90°	265	310	355	lbs.	
32°	120	141	161	kg.	
100°	260	290	325	lbs.	
38°	118	132	147	kg.	

FINISH: Walnut Vinyl front panel with Sandalwood enamel cabinet.

SPK FD3/FD4 STAINLESS STEEL PANEL KIT: Contains Stainless Steel sides, back, top and front to replace enameled cabinet.

FLAKER/DISPENSER MODEL		Bin Capacity pounds	24 Hr. Product. pounds	1 Hr. Product. pounds	Full Bin Vends/Recovery Rate Vends per Hour			
					2 OZ.	4 OZ.	6 OZ.	8 OZ.
FD3	Air Cooled	8	205	8.5	64/68	32/34	21/22	16/17
FD4	Air Cooled	8	445	18.5	64/148	32/74	21/49	16/37

Note: All production and vend figures are approximate, based on temperatures of 70° air and 50° water.

OUNCES DISPENSED AT PEAK PERFORMANCE

FD3 model dispenses 132 2-oz. vends first hour of operation, 100 2-oz. vends thru second hour.
 FD4 model dispenses 212 2-oz. vends first hour of operation, 360 2-oz. vends thru second hour.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F. or above 100° F.

Water Pressure and Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.

SPECIFICATION - FD3 AND FD4

Model Number	Cond. Unit	Comp. HP	Finish	Ship. Wt. lbs./kgs.
FD3AE	Air	1/5	Enamel	161/73
FD4AE	Air	1/2	Enamel	192/87
Basic Electricals		Wires	Minimum Circuit Ampacity	Maximum Operating Amp.
FD3		2	10.6	9.2
FD4		2	15.9	13.8

**Note: Use this value to determine minimum wire size required to meet national electrical code standards.

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use. This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program may be purchased for the motor compressor part of this equipment under the same conditions as the two year parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any Product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTEES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

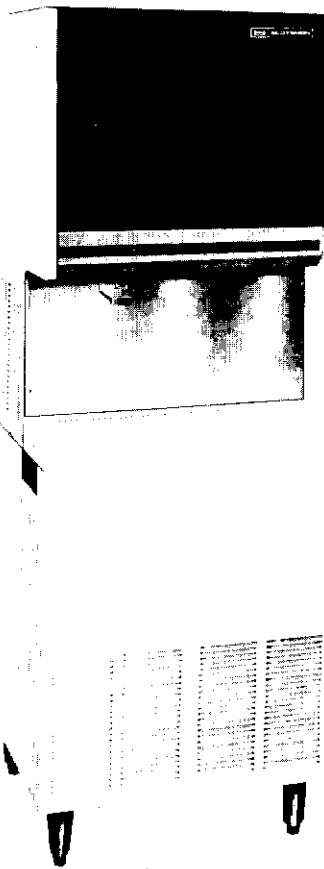
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 505 FRONT ST., ALBERT LEA, MN 56007
 COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS



COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

FD5 flake ice maker-dispenser

The Scotsman FD5 Ice Maker-Dispenser offers low-cost, time saving efficiency. Ice and water can be dispensed in a single motion from one self contained unit. The selection control offers metered vends from 1/2 ounce to continuous flow. Produces up to *500 pounds of flake ice in 24 hours. Ice is produced and stored in a completely sanitary bin avoiding any chance of contamination. Eliminates the cost of handling and hauling ice by making ice at the point it is needed. Scotsman flakes are slow melting, hard bits of clean ice, the finest quality available anywhere. Everything you need at one station. Fast efficient service when time counts, through quick dispensing and volume ice production for peak periods. Clean Contemporary lines with handsome walnut woodgrain front panel lets the FD5 blend beautifully into any style interior design.

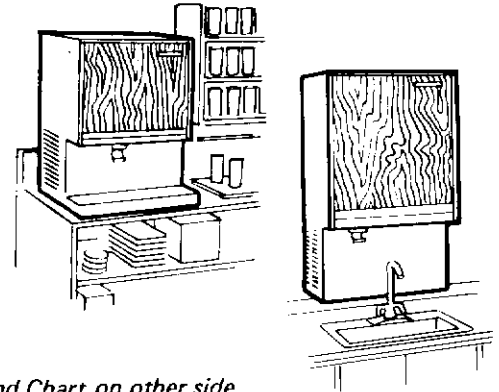


(Leg Kit Optional)

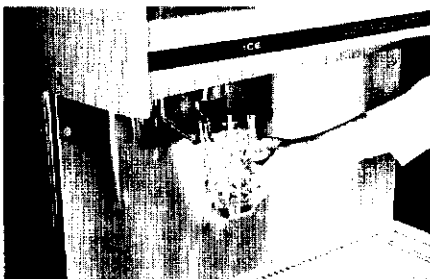
3-WAY INSTALLATION

The FD5 can be mounted on a wall, counter, or machine stand.

(DMS 20 Stand sold separately)

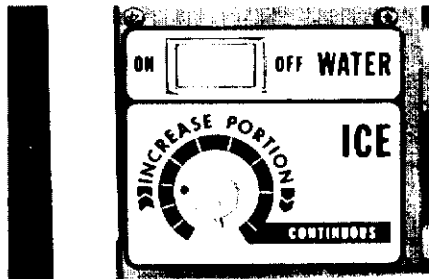


*See Ice Making Capacity and Vend Chart on other side



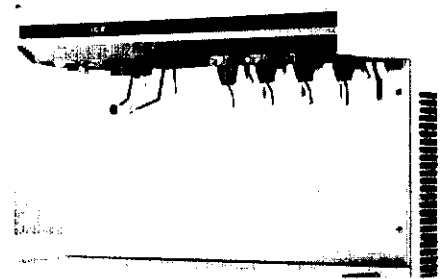
SINGLE ACTION DISPENSING

One hand dispenses ice or ice and water. Depress dispensing lever and measured amounts of ice are deposited into container. Water can also be dispensed simultaneously. Sanitary method saves time and effort.



VARIABLE SELECTION CONTROL

Selector knob allows choice of metered vends from 1/2 ounce to continuous flow of flake ice. Set it to suit the container. Ice can be dispensed with or without water at the touch of a separate switch.



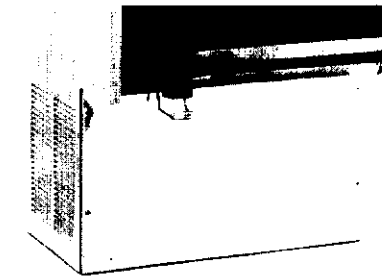
KV5E-30 ELECTRIC VALVE KIT

A four valve drinkhead used in combination with the RCS50 Carbonation system. Offers a choice of four soft drinks plus ice and water. Puts peak flexibility and speed at one location.



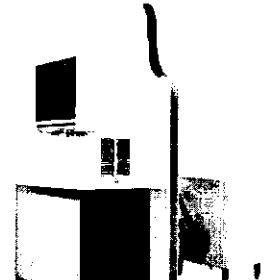
SNAP-OFF FRONT PANEL

Allows quick entry into cabinet for cleaning or service adjustment. No tools required to remove panel.



KSP SERIES SPLASH PANEL KIT

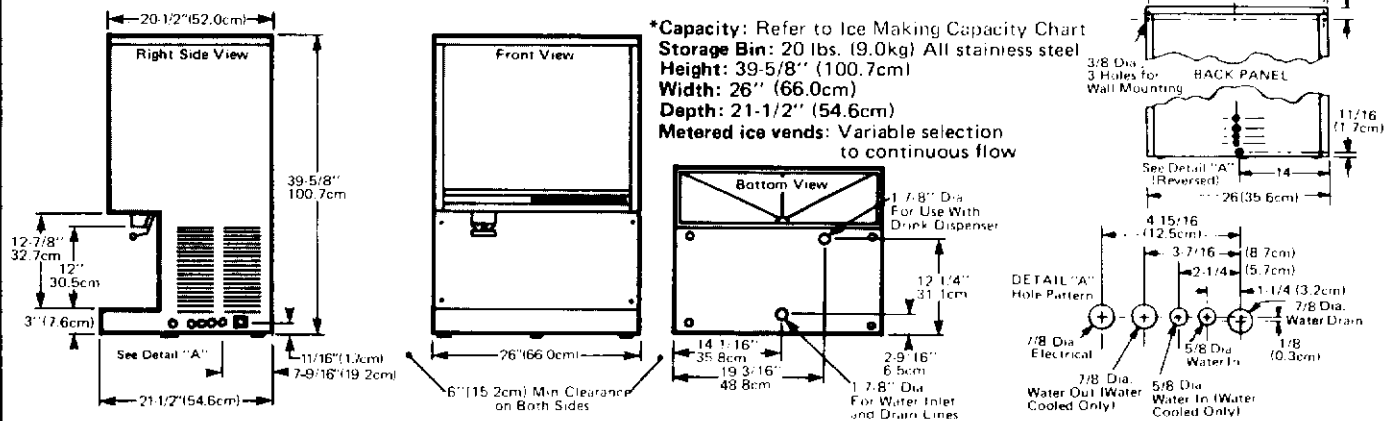
Splash panel kits are installed when drain sink is detached, and flaker is wall mounted above an existing sink. Saves space and plumbing.



RCS50 REMOTE INSTALLATION

The RCS50 Combination System can become the stand for the FD5 or set up as a remote unit in another room. Post-Mix drink unit contains carbonator, water pump and independent refrigeration system.

FD5 flake ice maker-dispenser



*Capacity: Refer to Ice Making Capacity Chart
Storage Bin: 20 lbs. (9.0kg) All stainless steel
Height: 39-5/8" (100.7cm)
Width: 26" (66.0cm)
Depth: 21-1/2" (54.6cm)
Metered ice vends: Variable selection to continuous flow

GUIDE TO PEAK NUMBER OF VENDS PER HOUR

(Vends from full bin) and (Vends per hour at recovery rate x operating hours) = Total Vends Available

Example: (160) + (166 x 3 hours) = 558 Total Vends for 3 hours
 FD5 2 oz. 2 oz.

NOTE:
 FD5 sink is removable.

***ICE MAKING CAPACITY**
 Typical Ice Production
 Pounds of Ice per 24 Hours
FD5 AIR-COOLED
 WATER TEMP.

AIR TEMP.	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	400	450	500	lbs.	
21°	181	204	227	kg.	
90°	340	385	430	lbs.	
32°	154	175	195	kg.	
100°	315	350	395	lbs.	
38°	143	158	179	kg.	

FD5W WATER-COOLED
 WATER TEMP.

AIR TEMP.	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	320	380	450	lbs.	
21°	145	172	204	kg.	
90°	300	355	410	lbs.	
32°	136	161	186	kg.	
100°	275	330	390	lbs.	
38°	125	150	176	kg.	

SPECIFICATIONS - FD5

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship.Wt. lbs./kgs.
FD5AE	Air	1/2	Enamel	259/117
FD5AS	Air	1/2	Stainless Steel	259/117
FD5WE	Water	1/2	Enamel	251/114
FD5WS	Water	1/2	Stainless Steel	251/114

*Sandalwood enamel Micomatte finish or all heavy gauge stainless steel.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min. ** Circuit Ampacity	Max. Fuse Size	
Air-Cooled:	115/60/1	14.7	2	16.8	20
Water-Cooled:	115/60/1	13.8	2	15.9	20

** Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when temperature is below 50° F or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure without interruption. Machine will not operate when water supply temperature is below 40° F or above 100° F.

DMS 20 MACHINE STAND

Width: 26" (66.0cm)
Depth: 20-1/2" (52.1cm)
Height: Without Legs, 30" (76.2cm)
 With Legs 36" - (91.4cm) Legs Optional
Shipping Weight: 80 lbs. (36kg)

DMS20E: Sandalwood baked enamel finish
DMS20S: Stainless Steel

OPTIONAL LEG KITS

Four metal legs screw into mounting plate on cabinet base. Provide 6" minimum height including adjustable leveling foot.

KLP2E: Black enamel finish. Recommended for enamel cabinets.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

2 YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two years parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
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COMMERCIAL ICE SYSTEMS HOME ICE MAKERS

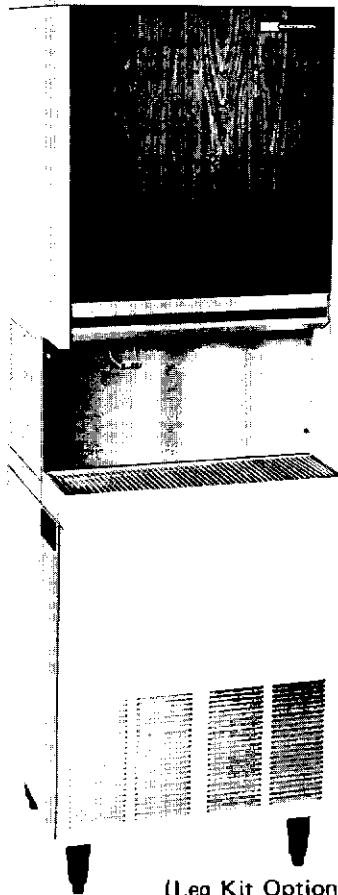


SCOTSMAN

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

FD6 flake ice maker-dispenser

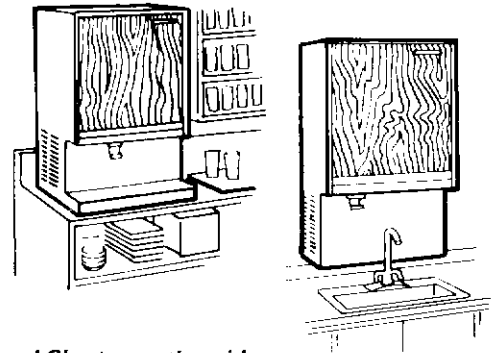
The FD6 is a Flaker-Dispenser System which makes, stores and serves ice all in one enclosed sanitary unit. Produces up to *660 pounds of flake ice in 24 hours. An efficient, economical, labor saving answer to food handling service in fast food operations, restaurants and hospitals. The FD6 is a completely automatic unit featuring the Scotsman exclusive ice making mechanism. It has only one moving part which breaks ice away from the freezing cylinder wall and carries it out through a discharge chute. The flakes are tiny nuggets of ice . . . hard and slow melting with clean appetizing appearance. Ice alone or ice with water can be dispensed in a single motion. Gives fast and efficient service when time is important, during peak serving periods. Volume ice production assures having an ample supply to fill glasses, pitchers and trays. This attractive unit gives all the cost saving efficiency and trouble free service you could possibly want in a flake ice maker-dispenser.



(Leg Kit Optional)

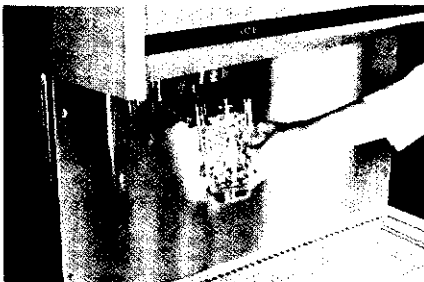
3-WAY INSTALLATION

The FD6 can be mounted on a wall, counter, or machine stand.



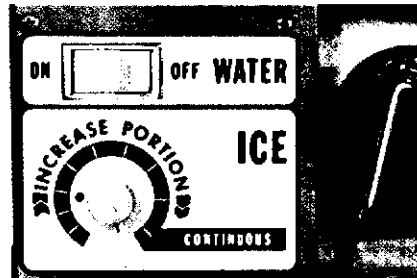
(DMS 20 Stand sold separately)

*See Ice Making Capacity and Vend Chart on other side



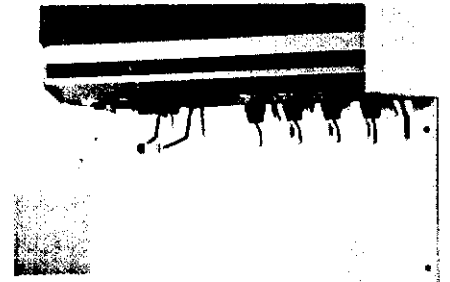
SINGLE ACTION DISPENSING

One hand dispenses ice or ice and water. Depress dispensing lever and measured amounts of ice are deposited into container. Water can also be dispensed simultaneously. Sanitary method saves time and effort.



VARIABLE SELECTION CONTROL

Selector knob allows choice of metered vends from 1/2 ounce to continuous flow of flake ice. Set it to suit the container. Ice can be dispensed with or without water at the touch of a separate switch.



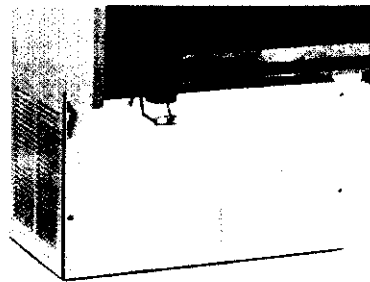
KV5E-30 ELECTRIC VALVE KIT

A four valve drinkhead used in combination with the RCS50 Carbonation system. Offers a choice of four soft drinks plus ice and water. Puts peak flexibility and speed at one location.



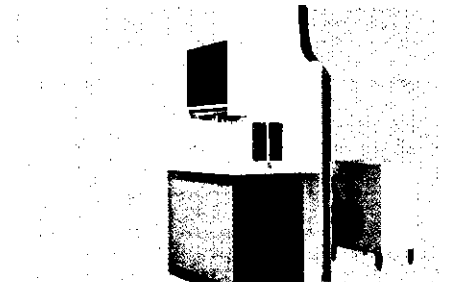
SNAP-OFF FRONT PANEL

Allows quick entry into cabinet for cleaning or service adjustment. No tools required to remove panel.



KSP SERIES SPLASH PANEL KIT

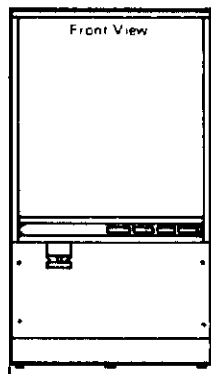
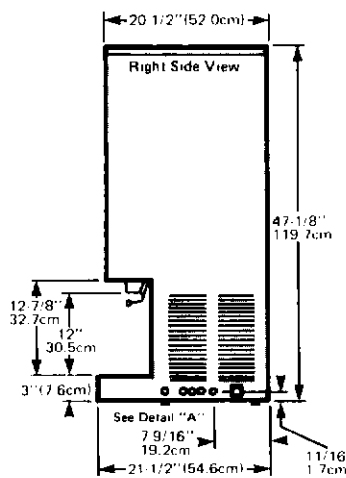
Splash panel kits are installed when drain sink is detached, and flaker is wall mounted above an existing sink. Saves space and plumbing.



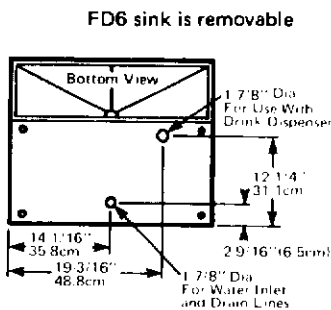
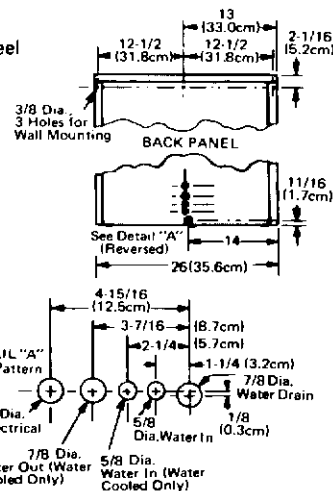
RCS50 REMOTE INSTALLATION

The RCS50 Combination System can become the stand for the FD5 or set up as a remote unit in another room. Post-mix drink unit contains carbonator, water pump and independent refrigeration system.

FD6 flake ice maker-dispenser



***Capacity:** Refer to Ice Making Capacity Chart
Storage Bin: 35 lbs. (16.0kg) All Stainless Steel
Height: 47-1/8" (119.7cm)
Width: 26" (66.0cm)
Depth: 21-1/2" (54.6cm)
Metered Ice Vends: Variable Selection to Continuous Flow



GUIDE TO PEAK NUMBER OF VENDS PER HOUR

(Vends from full bin) and (Vends per hour at recovery rate x operating hours) = Total vends available

Example: (280) + (220 x 3 hours) = 940 Total Vends

FD6 2 oz. 2 oz. for 3 hours

FLAKER DISPENSER MODEL	BIN CAP. LBS.	24 HR. PROD. LBS.	1 HR. PROD. LBS.	FULL BIN VENDS / RECOVERY RATE VENDS PER HOUR			
				2 OZ.	4 OZ.	6 OZ.	8 OZ.
FD6 Air-cooled	35	660	27.5	280 / 220	140 / 110	93 / 73	70 / 55
FD6 Water-cooled	35	620	25.8	280 / 206	140 / 103	93 / 68	70 / 51

***ICE MAKING CAPACITY**
 Typical Ice Production
 Pounds of Ice per 24 Hours

FD6 AIR-COOLED WATER TEMP.

F°	90°	70°	50°	
C°	32°	21°	10°	
70°	535	600	660	lbs.
21°	243	272	299	kg.
90°	445	510	565	lbs.
32°	202	231	256	kg.
100°	420	460	505	lbs.
38°	191	209	229	kg.

FD6 WATER-COOLED WATER TEMP.

F°	90°	70°	50°	
C°	32°	21°	10°	
70°	480	550	620	lbs.
21°	218	249	281	kg.
90°	465	530	600	lbs.
32°	211	240	272	kg.
100°	455	525	595	lbs.
38°	206	238	270	kg.

SPECIFICATIONS - FD6

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship. Wt. lbs./kgs.
FD6AE	Air	1/2	Enamel	323/146
FD6AS	Air	1/2	Stainless Steel	323/146
FD6WE	Water	1/2	Enamel	318/144
FD6WS	Water	1/2	Stainless Steel	318/144

*Sandalwood baked enamel finish or all heavy gauge stainless steel.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min. ** Circuit Ampacity	Max. Fuse Size	
Air-Cooled:	115/60/1	19.2	2	22.0	20
Water-Cooled:	115/60/1	18.3	2	21.1	20

** Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when temperature is below 50° F or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure without interruption. Machine will not operate when water supply temperature is below 40° F or above 100° F.

DMS 20 MACHINE STAND

Width: 26" (66.0cm)
Depth: 20-1/2" (52.1cm)
Height: Without Legs, 30" (76.2cm)
 With Legs, 36" (91.4cm) Legs Optional
Shipping Weight: 80 lbs. (939kg)

DMS20E: Sandalwood baked enamel finish
DMS20S: Stainless Steel

OPTIONAL LEG KITS

Four metal legs screw into mounting plate on cabinet base. Provide 6" minimum height including adjustable leveling foot.

KLP2E: Black enamel finish. Recommended for enamel cabinets
KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

2 YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two year parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

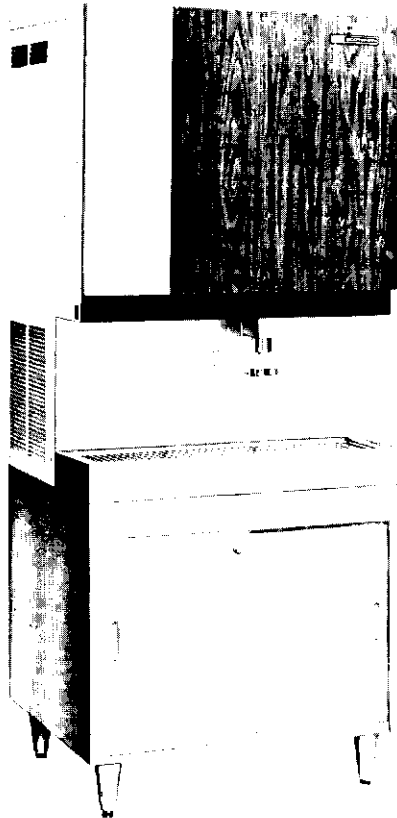


QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMO CO.
 505 FRONT ST., ALBERT LEA, MN 56007

COMMERCIAL ICE SYSTEMS HOME ICE MAKERS

FD7 flake ice maker-dispenser

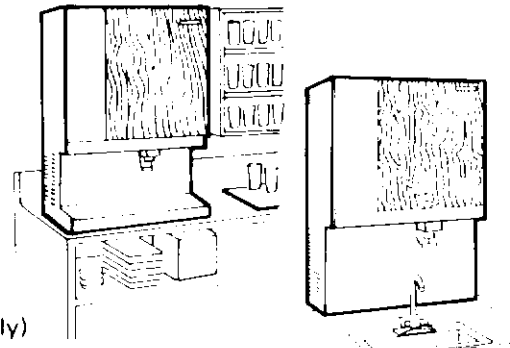
For large volume users, the Scotsman FD7 Ice Maker-Dispenser system provides sanitary low cost flake ice for installations such as nurse stations, cafeterias, fast food operations and coffee shops. Metered vends of ice or ice and water can be dispensed with one-hand operation . . . all self contained in one sanitary enclosed unit. The FD7 produces up to *720 pounds of ice in 24 hours based on ambient temperature of 70° air and 50° water. A large 90 pound stainless steel storage bin is enclosed. Front panel swings out like a door for easy access to working parts when service is necessary. Mount the unit on a wall, counter, or it's own machine stand for the most efficient use of space and accessibility. Along with cost saving efficiency, the FD7 Flake Ice Dispenser produces the finest quality ice available anywhere. Scotsman flakes are hard, clean, slow-melting bits of ice that add refreshing appetite appeal to foods and beverages.



(Leg Kit Optional)

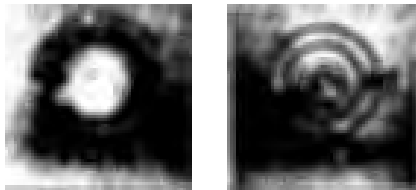
3-WAY INSTALLATION

The FD7 can be mounted on a wall, counter, or machine stand.



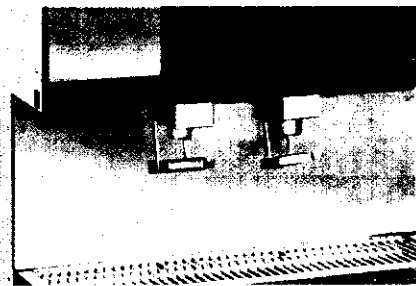
(DMS 30 Stand sold separately)

**See Ice Making Capacity and Vend Chart on other side*



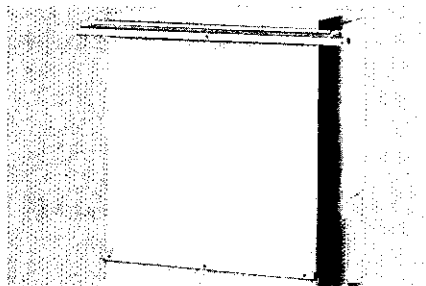
SELECTION AND WATER CONTROLS

Dispense ice and water, or ice only. Variable portions from 1/2 ounce to continuous flow. Optional locations behind door or on front of panel.



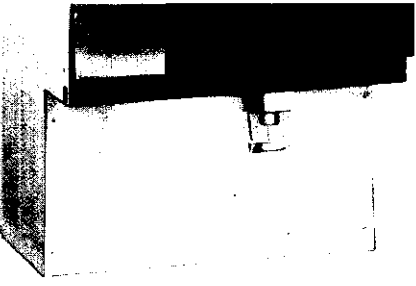
KGF1-GLASS FILLER KIT

An additional glass filler is available, offering the advantage of double duty dispensing during peak serving periods. Dispenses water only.



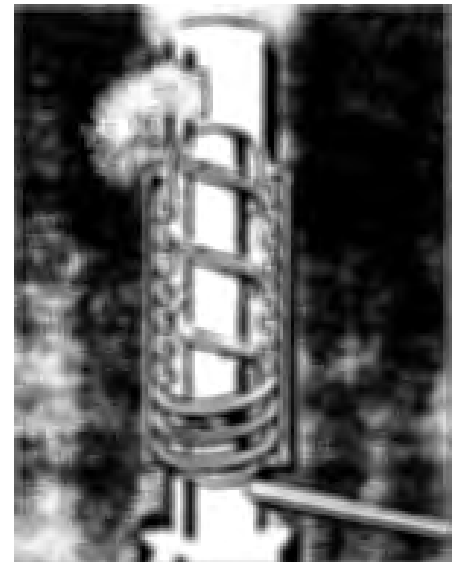
KWB-WALL MOUNTING KIT

Wall mounted units are easy to install offering a variety of location possibilities, such as above and existing sink or where adequate counter space is not available.



KSP-SPLASH PANEL KIT

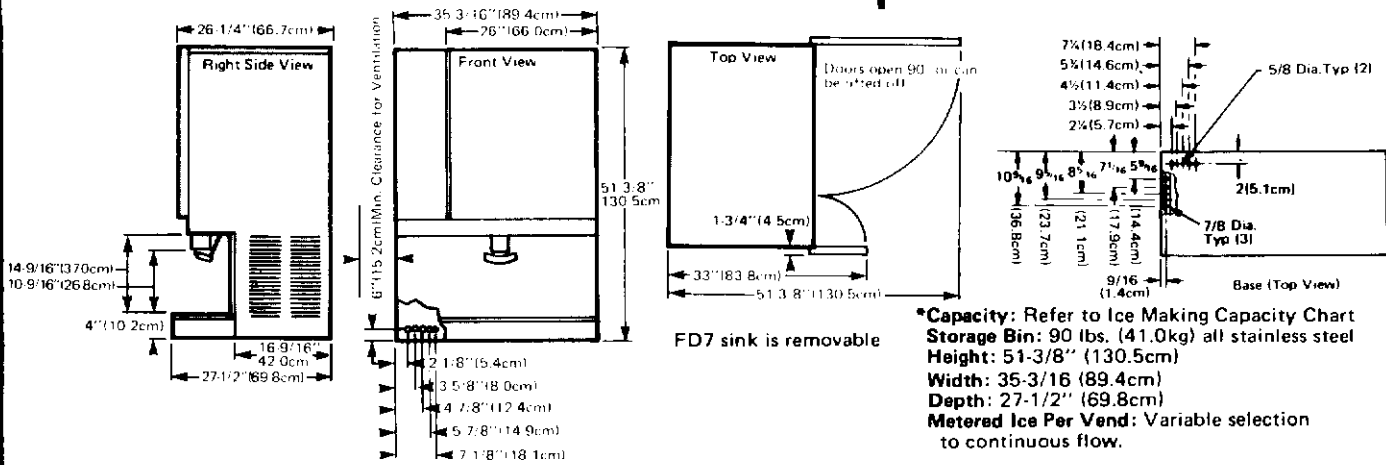
A special splash panel can be installed on the FD7 when the drain sink is detached. Wall mounted unit above an existing sink would require a splash panel



EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.

FD7 flake ice maker-dispenser



GUIDE TO PEAK NUMBER OF VENDS PER HOUR
 (Vends from full bin) + (Vends per hour at recovery rate x operating hours) = Total Vend Available
Example: (720) + (240 x 3 hours) = 1440 Total Vends
 FD7 2 oz. 2 oz. for 3 hours

FLAKER DISPENSER MODEL	BIN CAP. LBS.	24 HR. PROD. LBS.	1 HR. PROD. LBS.	FULL BIN VENDS / RECOVERY RATE VENDS PER HOUR			
				2 OZ.	4 OZ.	6 OZ.	8 OZ.
FD7 Air-Cooled	90	720	30.0	720 / 240	360 / 120	240 / 80	180 / 60
FD7 Water-Cooled	90	640	26.6	720 / 212	360 / 106	240 / 70	180 / 53

***ICE MAKING CAPACITY**
 Typical Ice Production
 Pounds of Ice per 24 Hours

FD7A AIR-COOLED WATER TEMP.

AIR TEMP. F°	WATER TEMP.			lbs.
	90°	70°	50°	
70°	515	600	720	lbs.
21°	234	272	327	kg.
90°	455	530	600	lbs.
32°	206	240	272	kg.
100°	420	490	565	lbs.
38°	191	222	256	kg.

FD7W WATER-COOLED WATER TEMP.

AIR TEMP. F°	WATER TEMP.			lbs.
	90°	70°	50°	
70°	480	555	640	lbs.
21°	218	252	290	kg.
90°	465	545	625	lbs.
32°	211	247	284	kg.
100°	455	535	615	lbs.
38°	206	243	279	kg.

IMPORTANT OPERATING REQUIREMENTS
Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.
Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when temperature is below 50° F or above 100° F.
Water Pressure & Temperature: Requires 20 lbs. flowing water pressure without interruption. Machine will not operate when water supply temperature is below 40° F or above 100° F.

DMS 30 MACHINE STAND
 Available in stainless steel only. Fixed internal stainless steel shelf for sanitary storage.

Width: 35-3/16" (89.4cm)
Depth: 27-3/8" (69.5cm)
Height: Without Legs 27-1/4" (69.2cm)
 With Legs 33-1/4" (76.8cm) Legs Optional
Shipping Weight: 133 lbs. (60kg)

LEG KIT OPTIONAL
 Four metal legs screw into mounting plate on cabinet base. Provide 6" minimum height including adjustable leveling foot.

KLP2S: Nickel plated, brushed metal finish, with stainless steel foot.

SPECIFICATIONS - FD7

Model Number	Condensing Unit	Compressor Horsepower	Finish*	Ship. Wt. lbs./kgs.
FD7AE	Air	1/2	Enamel	600/273
FD7AS	Air	1/2	Stainless Steel	600/273
FD7WE	Water	1/2	Enamel	478/217
FD7WS	Water	1/2	Stainless Steel	478/217

*Sandalwood baked enamel finish or all heavy gauge stainless steel.

Basic Electricals	Max. Oper. Amps.	No. of Wires	Min.* Circuit Ampacity	Max. Fuse Size	
Air-Cooled:	115/60/1	19.3	2	23.9	30
Water-Cooled:	115/60/1	20.1	2	23.1	30

** Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

2 YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

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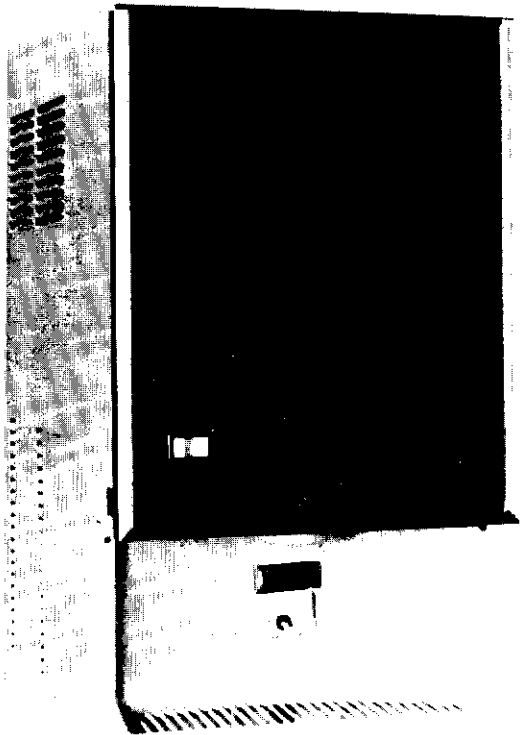
Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTEES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MN 56007
 COMMERCIAL ICE SYSTEMS HOME ICE MAKERS



FD4

Flake Ice Maker-Dispenser

ENERGY EFFICIENT — LOWER COSTS

- Up to 470 lbs. of flaked ice in 24 hours.
- Continuous ice-making process ... no harvest time delays.
- Delivers steady flow of ice for fast recovery of ice supply.
- Foam insulated 8 lb. capacity bin.

SIMPLE DESIGN — HIGH RELIABILITY

- Only one moving part under refrigeration.
- Low-refrigerant safety switch.
- Low water pressure cut-off.
- Freezing chamber clearing delay permits drivemotor to start with no load.

SANITARY — ASSURED CLEANLINESS

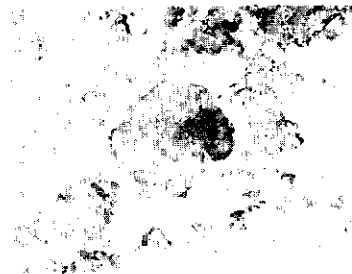
- Dispenses directly into container without extra handling or contamination.
- Single action dispenses ice with or without water.
- Removable stainless steel bin.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

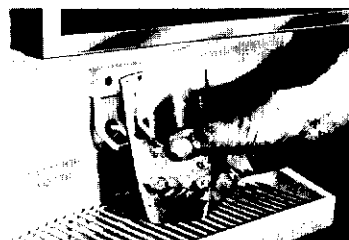
- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**



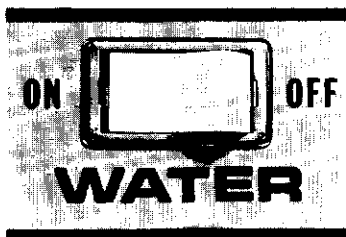
QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman ice holds up well in displays and adds sparkling appetite appeal to foods and beverages.



SINGLE-ACTION DISPENSING

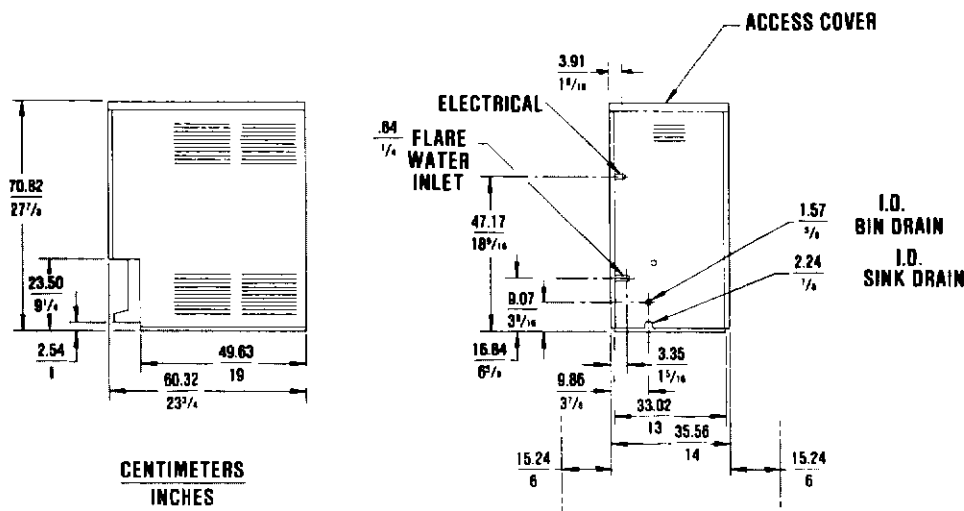
Ice dispensing lever operates with slight pressure from beverage container. Deposits ice or ice and water directly into container. Ice and water dispensed simultaneously.



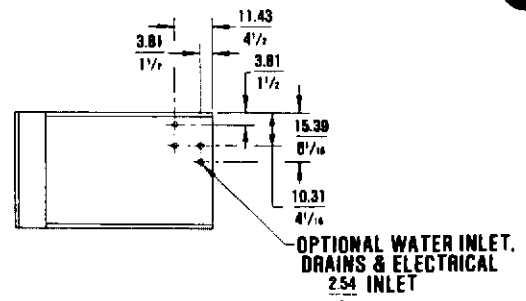
WATER/ICE SELECTION SWITCH

Select from ice only for ice and water at the touch of a switch, conveniently located on front panel.

FD4 FLAKE ICE MAKER-DISPENSER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.



This product qualifies for the following listings:



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Amps- city †	Max. Fuse Size	Ship. Wt. lbs./kg.
FD4AE-1D	27 7/8 x 14 x 23 3/4	8 lbs.	470 lbs.	Air	ES	115/60/1	1/2	2	15.0	20	192/87

** (ES) Sandalwood enamel finish with walnut woodgrain front panel.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

FD4 AIR-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
F°	50°	70°	90°		
C°	10°	32°	38°		
70°	470	411	348	lbs.	
21°	213	187	158	kg.	
90°	375	327	280	lbs.	
32°	170	149	127	kg.	
100°	343	306	274	lbs.	
38°	155	139	124	kg.	

METERED ICE VENDS: Variable selection 1/2 oz. to continuous flow.

GUIDE TO PEAK NUMBER OF VENDS PER HOUR

(Vends from full bin) + (Vends per hour at recovery rate x Operating hours) = Total Vends available. EXAMPLE: FD4 2 oz. 3 hrs.
(64) + (148 x 3) = 508

Flaker Dispenser Model	Bin Cap. **	24-hr. Prod. Lbs.	1 hr. Prod. Lbs.	Full Bin Vends / Recovery Vends per Hour			
				2 oz.	4 oz.	6 oz.	8 oz.
FD4 Air	8 lbs.	445	18.5	64/148	32/74	21/49	16/37

(Calculated at 50° water 70° air)

(Ounces shown are by weight, not volume)

Ounces Dispensed at Peak Performance: FD4 model dispenses 212 2-oz. vends first hour of operation. 360 2-oz. vends thru second hour.

KWB1 WALL MOUNTING KIT: Steel bracket set to mount FD4 on wall.

KDE1: Optional drain extension kit.

KDE1SS: Stainless steel drain extension kit.

SPKFD3C/FD4C: Optional stainless steel panel kit.
Not factory installed.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

SCOTSMAN ICE SYSTEMS • 505 FRONT ST. • ALBERT LEA, MN 56007 • (507) 373-3961

INTERNATIONAL COMPANY

S-171-88

TELEX EASYLINK 62922027

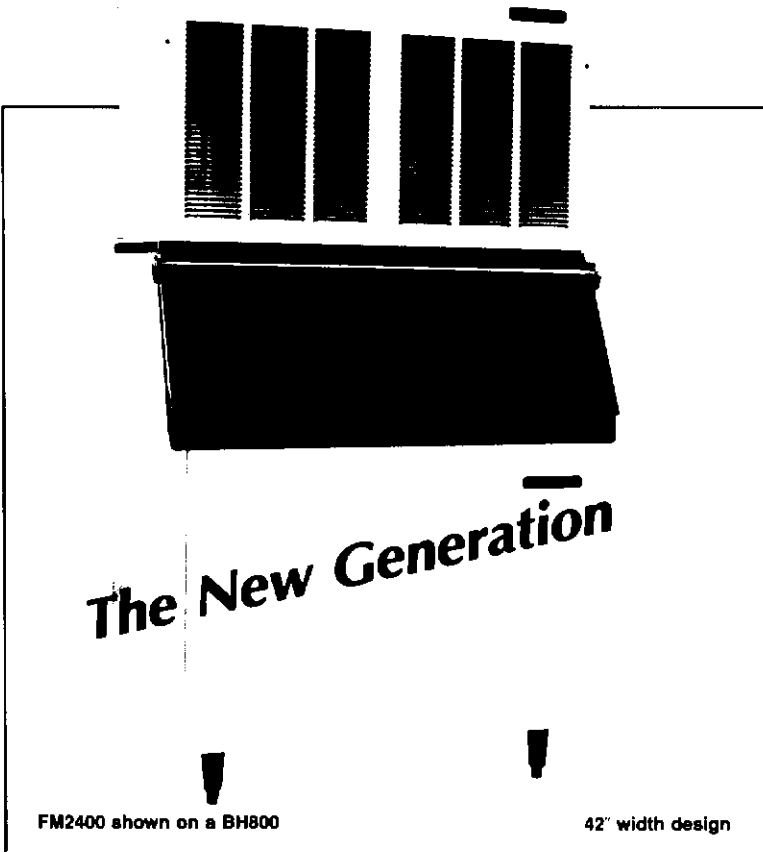
Printed in U.S.A.

FM2400

Modular Flake
Ice Machine

SCOTSMAN

C.S.I. FILE NO. 11400



The FM2400 represents a totally new concept in the manufacture of the already popular Scotsman Flake Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous icemaking, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation is made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.

WARRANTY PROTECTION

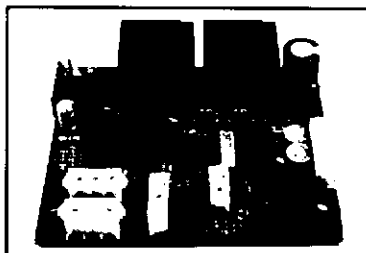
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



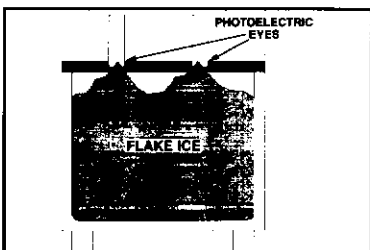
FLAKE ICE

Versatile, inexpensive to produce, used in salad bars, produce and fish displays.



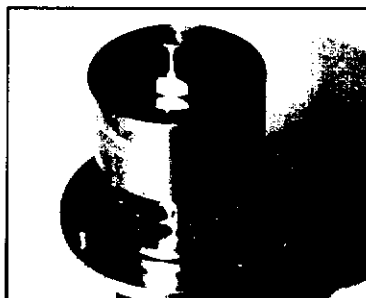
CIRCUIT BOARD

FM2400's electronic circuit board ensures reliable operation.



PHOTOELECTRIC EYE

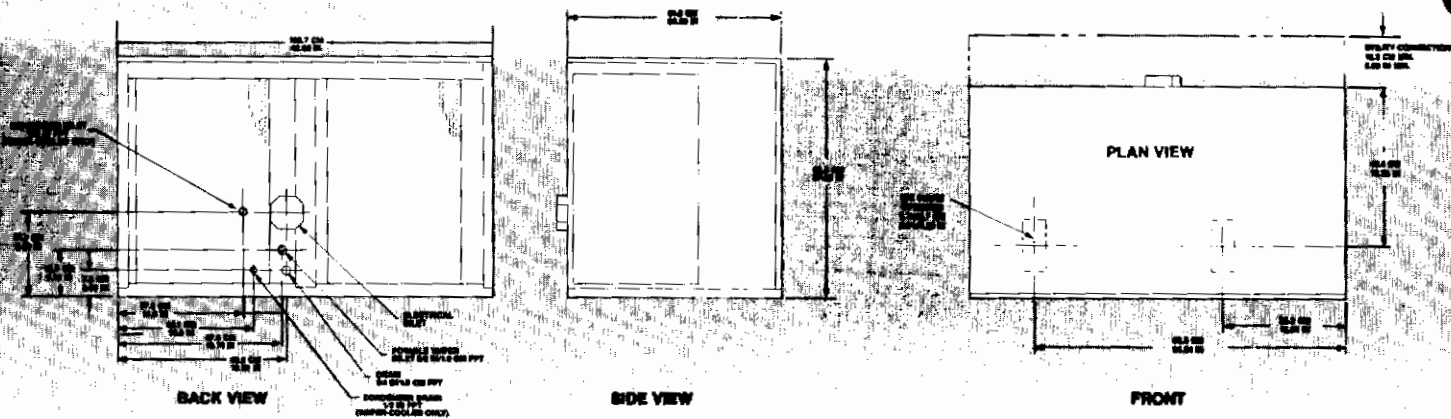
For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

FM2400 MODULAR FLAKE ICE MACHINE



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model	Dimensions (H x W x D)	Ice Prod. (lbs./kg)	Comp. Type	Panel	Refrigerant	Cond. Type	Coils	Weight (lbs./kg)	Height (in./mm)	Depth (in./mm)	Volume (cu. ft./liters)
FM2400AE-32A	27x42x24	2455/1114	Air	ES	208-230/60/1	1-1/2x2	2	26.6	35	430/195	
FM2400AE-3A	27x42x24	2455/1114	Air	ES	208-230/60/3	1-1/2x2	3	24.4	30	430/195	
FM2400WE-32A	27x42x24	2390/1084	Water	ES	208-230/60/1	1-1/2x2	2	25.5	35	437/198	
FM2400WE-3A	27x42x24	2390/1084	Water	ES	208-230/60/3	1-1/2x2	3	23.4	30	437/198	

This product qualifies for the following listings:



- * Typical ice production in lbs./kg of ice per 24 hours at 70° air and 50° water.
- ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
- *** Use this value to determine minimum wire size as per National Electric Code Standards.

TYPICAL ICE MAKING CAPACITY PER 24 HOURS

FM2400A AIR-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				
	50°	70°	90°		
70°	2455	2105	1790	lbs.	
21°	1114	925	812	kg	
90°	2040	1800	1590	lbs.	
32°	925	816	721	kg	
100°	1980	1675	1540	lbs.	
38°	895	790	690	kg	

FM2400W WATER-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				
	50°	70°	90°		
70°	2390	2135	1815	lbs.	
21°	1084	965	820	kg	
90°	2325	2020	1775	lbs.	
32°	1065	975	805	kg	
100°	2245	1930	1715	lbs.	
38°	975	875	775	kg	

Capacities represent typical production, variances of ± 5% are normal.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

OPTIONAL STORAGE BINS:

BH800, BH1000 with Bin Top KBT14, and B90 and extensions with KBT18 Bin Top.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKFM42: Contains top, front, two end and service panels. Not factory installed.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



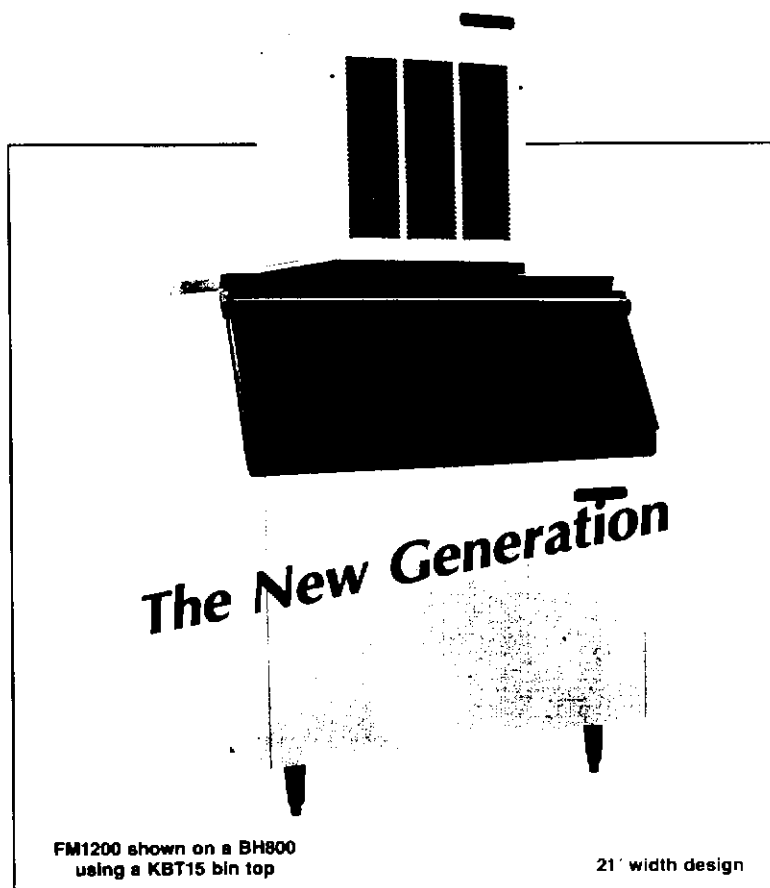
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 10M 6-89

FM1200 Modular Flake Ice Machine

SCOTSMAN

C.S.I. FILE NO. 11400



The FM1200 represents a totally new concept in the manufacture of the already popular Scotsman Flake Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous icemaking, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation is made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

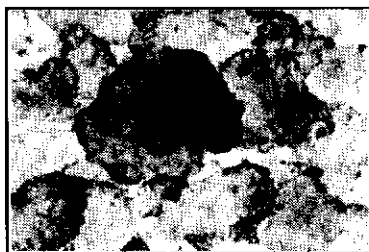
VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.

WARRANTY PROTECTION

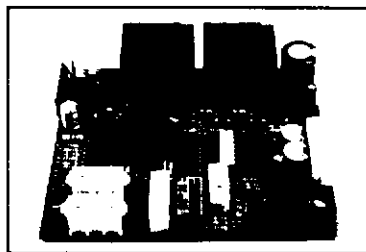
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



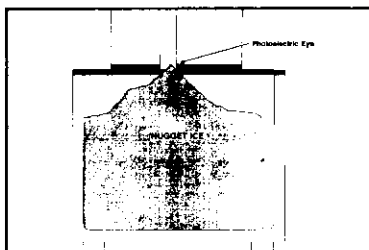
FLAKE ICE

Versatile, inexpensive to produce, used in salad bars, produce and fish displays.



CIRCUIT BOARD

FM1200's electronic circuit board ensures reliable operation.



PHOTOELECTRIC EYE

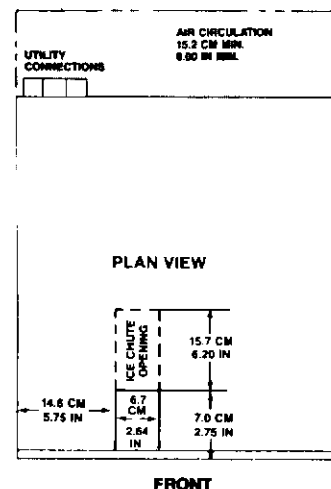
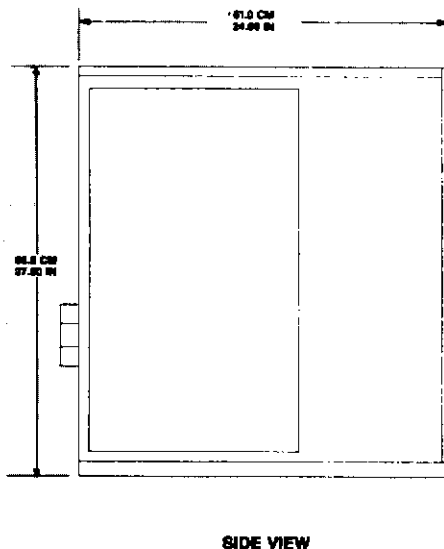
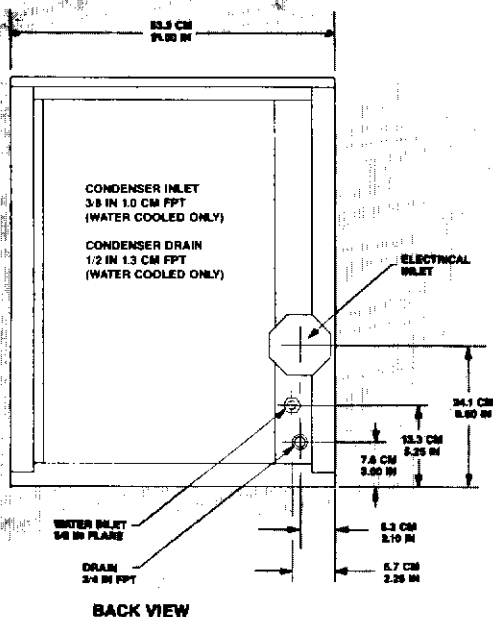
For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

FM1200 MODULAR FLAKE ICE MACHINE



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Ice Prod. Cap. 24 Hrs. lbs./kg*	Cond. Unit	Finish**	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity***	Max. Fuse Size	Shp. Wt. lbs./kg.
FM1200AE-32A	27x21x24	1170	Air	ES	208-230/60/1	1-1/2	2	9.0	15	230/104
FM1200AE-3A	27x21x24	1170	Air	ES	208-230/60/3	1-1/2	3	7.2	15	230/104
FM1200WE-32A	27x21x24	1195	Water	ES	208-230/60/1	1-1/2	2	8.8	15	230/104
FM1200WE-3A	27x21x24	1195	Water	ES	208-230/60/3	1-1/2	3	7.4	15	230/104

- * Typical ice production in lbs./kg of ice per 24 hours at 70° air and 50° water.
- ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
- *** Use this value to determine minimum wire size as per National Electric Code Standards.

This product qualifies for the following listings:



TYPICAL ICE MAKING CAPACITY PER 24 HOURS

FM1200A AIR-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				lbs. kg.
	F° C°	50° 10°	70° 21°	90° 32°	
70° 21°	1170 531	1025 465	880 399		
90° 32°	995 451	870 395	760 345		
100° 38°	900 408	780 354	690 313		

FM1200W WATER-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				lbs. kg.
	F° C°	50° 10°	70° 21°	90° 32°	
70° 21°	1195 542	1020 463	910 413		
90° 32°	1155 524	1010 456	890 404		
100° 38°	1120 508	960 435	850 386		

Capacities represent typical production, variances of ±5% are normal.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

OPTIONAL STORAGE BINS:

HTB500 or BH550 with KBT14 Bin Top, BH800 with Bin Top KBT15, BH1000 with Bin Top KBT16, and B90 and extensions with KBT18 Bin Top. BH1000 allows two units side by side.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKFM21: Contains top, front, two end and service panels. Not factory installed.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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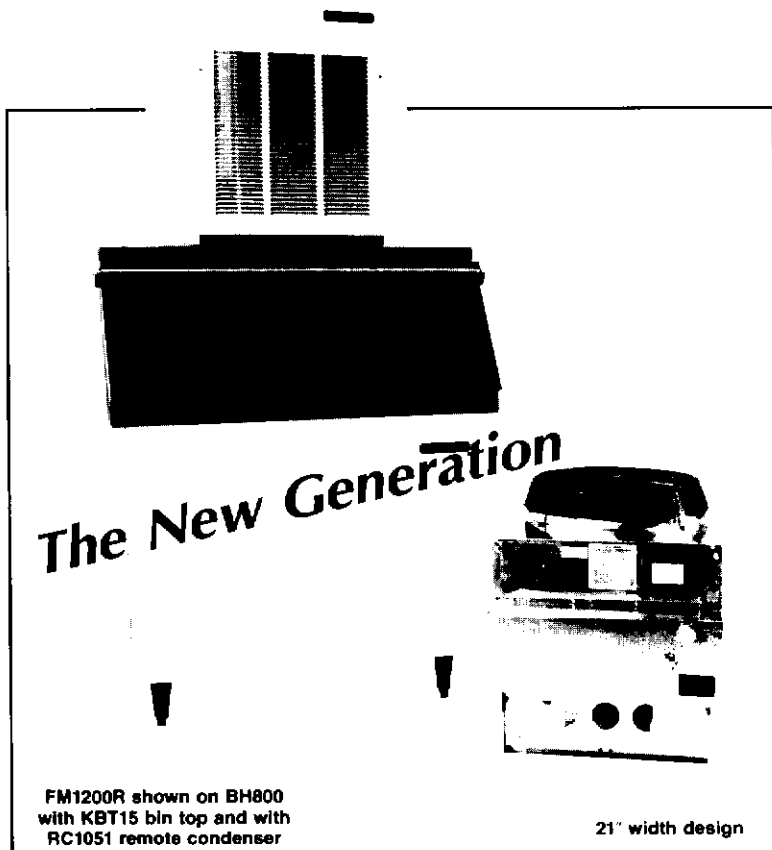
20M 5-89

FM1200R

Modular Flake
Ice Machine With
Remote Condenser

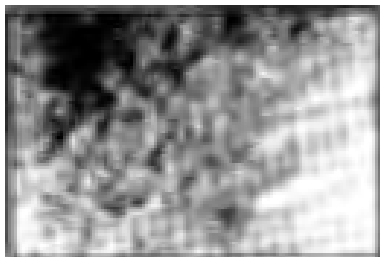
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C.S.I. FILE NO. 11400



FM1200R shown on BH800
with KBT15 bin top and with
RC1051 remote condenser

21" width design



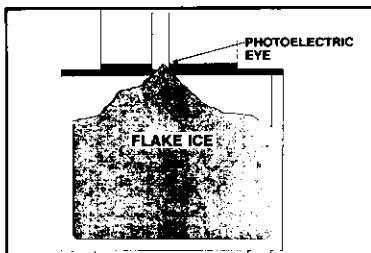
FLAKE ICE

Versatile, inexpensive to produce, used in salad bars, produce and fish displays.



CIRCUIT BOARD

FM1200R's electronic circuit board ensures reliable operation.



PHOTOELECTRIC EYE

For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

The FM1200R represents a totally new concept in the manufacture of the already popular Scotsman Flake Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous ice making, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.

REMOTE CONDENSER

Heat removed during icemaking is carried to the remote condenser directly by refrigerant. There the heat is transferred to the outdoor air, and the refrigerant returns to the icemaker.

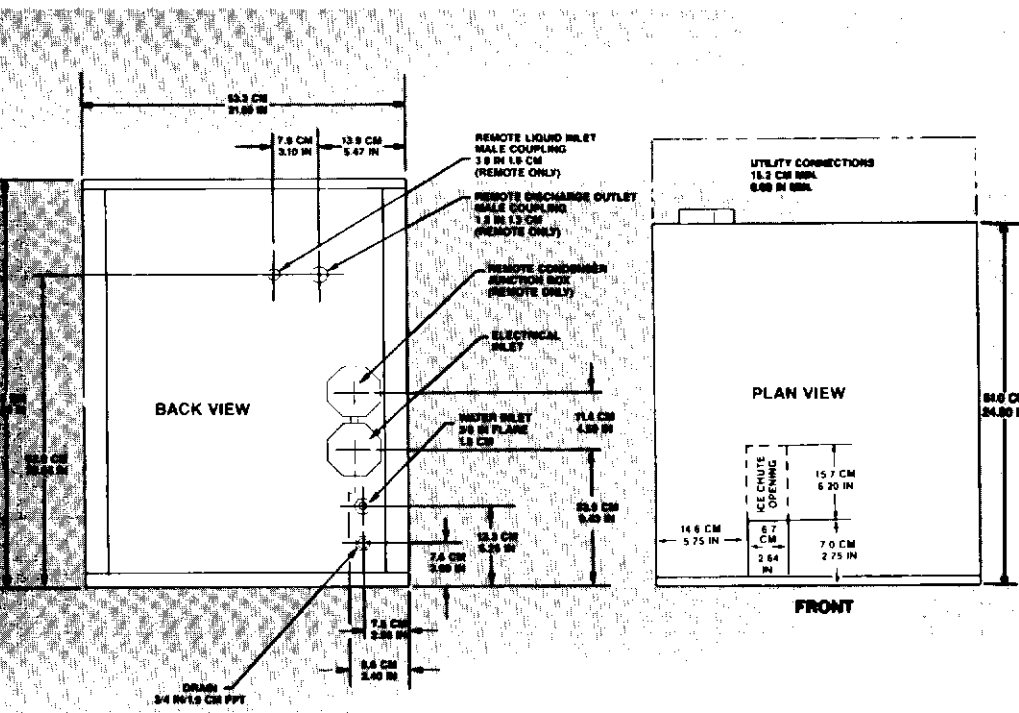
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot precharged refrigerant line with easy to install quick connect couplings.

WARRANTY PROTECTION

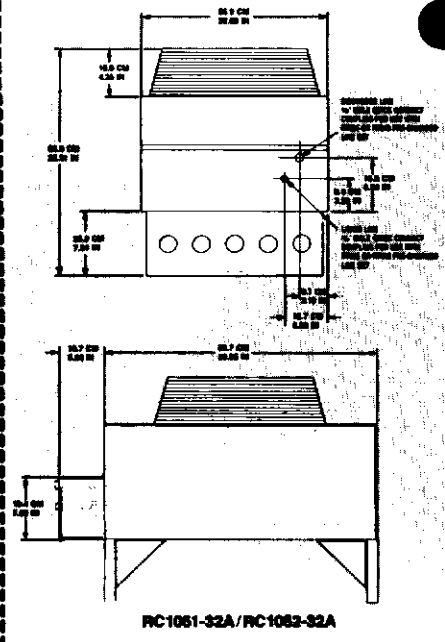
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.

FM1200R MODULAR FLAKE ICE MACHINE WITH REMOTE CONDENSER



REMOTE CONDENSERS



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model Number	Dimensions (W x D x H)	Ice Prod. Cap. 24 Hrs. lbs./kg.*	Cond. Unit	Finish**	Base Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity***	Max. Fuse Size	Ship. Wt. lbs./kg.
FM1200RE-32A	21 x 24 x 27	980/445	R-Air	ES	208-230/60/1	1 1/2	2	14.0	20	240/109
FM1200RE-3A	21 x 24 x 27	980/445	R-Air	ES	208-230/60/3	1 1/2	2	12.9	20	240/109



REMOTE CONDENSERS

use with:

RC1051-32A	22 x 37 1/16 x 27 1/16	1 FM1200R	Air	Galv.	208-230/60/1	—	—	2†	—	84/38
RC1052-32A	22 x 37 1/16 x 27 1/16	1 or 2 FM1200R	Air	Galv.	208-230/60/1	—	—	2†	—	84/38

* Typical ice production in lbs./kg. of ice per 24 hours at 70° air and 50° water.
 ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
 *** Use this value to determine minimum wire size as per National Electric Code Standards.
 † This value is included in main ampacity for ice machine.
 Fan relay kit KCMR230 required when connecting two FM1200's to one RC1052-32A.

ICE MAKING CAPACITY PER 24 HOURS

TEMPERATURE	AMBIENT TEMPERATURE			ICE PRODUCTION
	COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	0 -17.8	70 21.1	55 12.8	980 LBS. 445 KG.
NORMAL TEMPERATURE	90 32.2	90 32.2	70 21.1	890 LBS. 405 KG.
HIGH TEMPERATURE	110 49.3	90 32.2	80 26.7	750 LBS. 340 KG.

Capacities represent typical production, variances of ±5% are normal.

OPTIONAL PRE-CHARGED REFRIGERANT TUBE KITS:

RT625: 25 foot pre-charged tubing with connectors — R502.

RT640: 40 foot pre-charged tubing with connectors — R502.

OPTIONAL STORAGE BINS: HTB500 or BH550 with KBT14 bin top, BH800 with KBT15 bin top, BH1000 with KBT16 bin top, and B590 and extensions with KBT18 bin top. BH1000, BH800 and B590 accommodate 2 units side by side.

OPTIONAL STAINLESS STEEL PANEL KIT: SPKFM21: Contains top, front, two end and service panels. Not factory installed.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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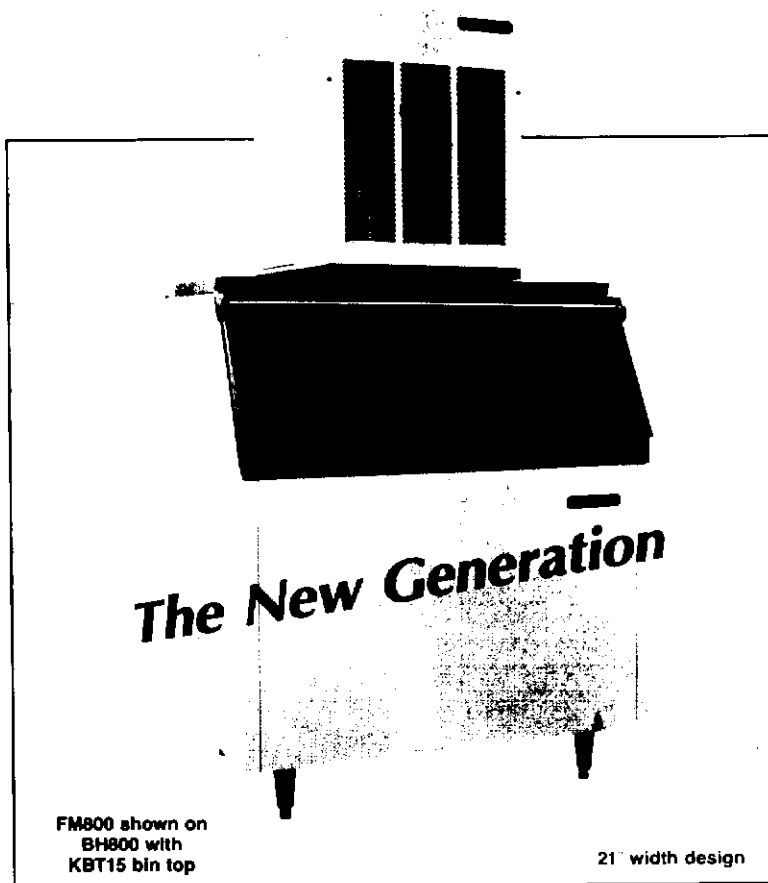
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 10M 5-90

FM800

Modular Flake
Ice Machine

SCOTSMAN

C.S.I. FILE NO. 11400



The FM800 represents a totally new concept in the manufacture of the already popular Scotsman Flake Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous icemaking, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation is made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.

WARRANTY PROTECTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



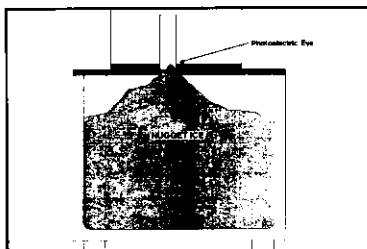
FLAKE ICE

Versatile, inexpensive to produce, used in salad bars, produce and fish displays.



CIRCUIT BOARD

FM800's electronic circuit board ensures reliable operation.



PHOTOELECTRIC EYE

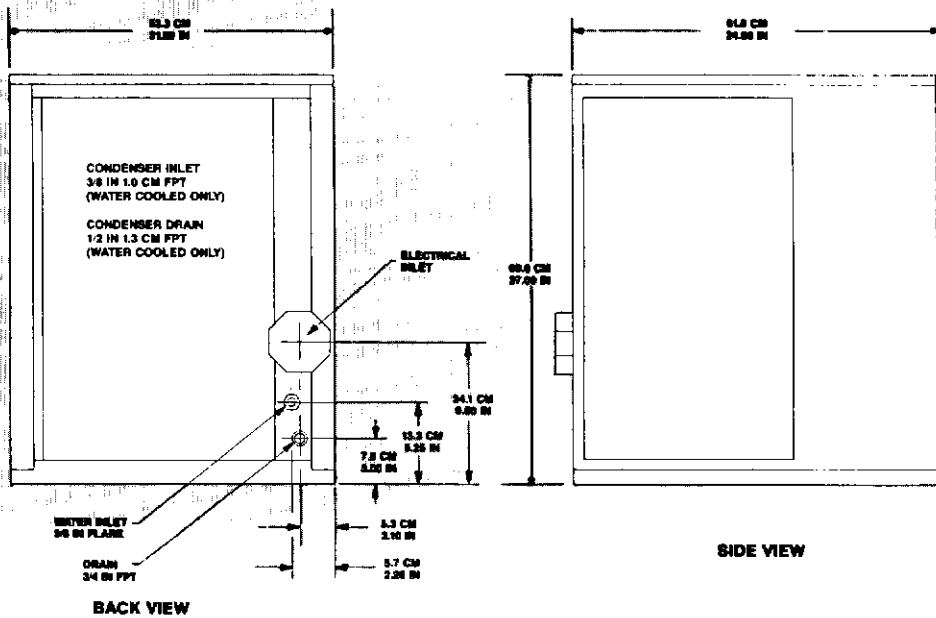
For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

FM800 MODULAR FLAKE ICE MACHINE



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Ice Prod. Cap. 24 Hrs. lbs./kg*	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity ***	Max. Fuse Size	Ship. Wt. lbs./kg.
FM800AE-1A	27x21x24	760/345	Air	ES	115/60/1	3/4	2	20.7	35	215/98
FM800WE-1A	27x21x24	810/367	Water	ES	115/60/1	3/4	2	16.8	30	215/98

- * Typical ice production in lbs./kg of ice per 24 hours at 70° air and 50° water.
- ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
- *** Use this value to determine minimum wire size as per National Electric Code Standards.

This product qualifies for the following listings:



TYPICAL ICE MAKING CAPACITY PER 24 HOURS

FM800A AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	760	675	615		lbs.
21°	345	306	279		kg.
90°	655	595	520		lbs.
32°	297	270	236		kg.
100°	575	510	480		lbs.
38°	261	231	218		kg.

FM800W WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	810	665	590		lbs.
21°	367	302	268		kg.
90°	780	650	575		lbs.
32°	354	295	261		kg.
100°	760	640	565		lbs.
38°	345	290	256		kg.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

Capacities represent typical production, variances of ± 5% are normal.

OPTIONAL STORAGE BINS:

HTB500 or BH550 with KBT14 Bin Top, BH800 with Bin Top KBT15, BH1000 with Bin Top KBT16, and B90 and extensions with KBT18 Bin Top. BH1000 allows two units side by side.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKFM21: Contains top, front, two end and service panels. Not factory installed.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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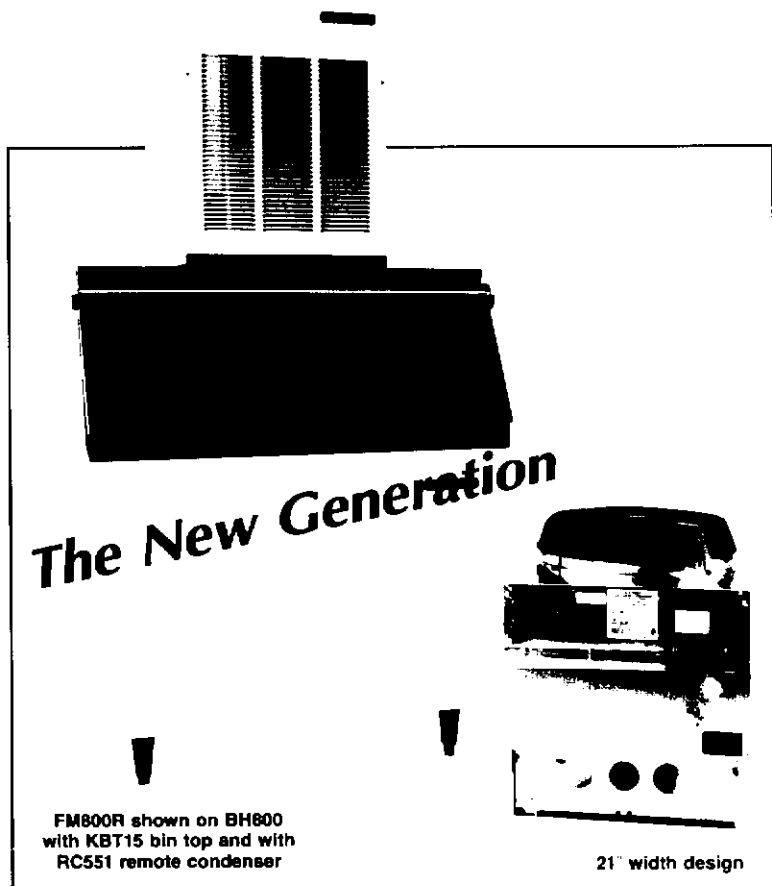
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20M 5-89

FM800R

Modular Flake
Ice Machine
with Remote Condenser

SCOTSMAN

C.S.I. FILE NO. 11400



FM800R shown on BH600
with KBT15 bin top and with
RC551 remote condenser

21" width design



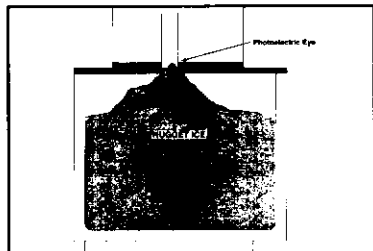
FLAKE ICE

Versatile, inexpensive to produce,
used in salad bars, produce and
fish displays.



CIRCUIT BOARD

FM800R's electronic circuit board
ensures reliable operation.



PHOTOELECTRIC EYE

For maximum bin storage,
photoelectric eye turns machine off
when ice level reaches chute.



TOP BEARING

Extra large top bearing attached to
auger and breaker reduces bearing
wear.

The FM800R represents a totally new concept in the manufacture of the already popular Scotsman Flake Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous icemaking, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.

REMOTE CONDENSER

Heat removed during icemaking is carried to the remote condenser directly by refrigerant. There the heat is transferred to the outdoor air, and the refrigerant returns to the icemaker.

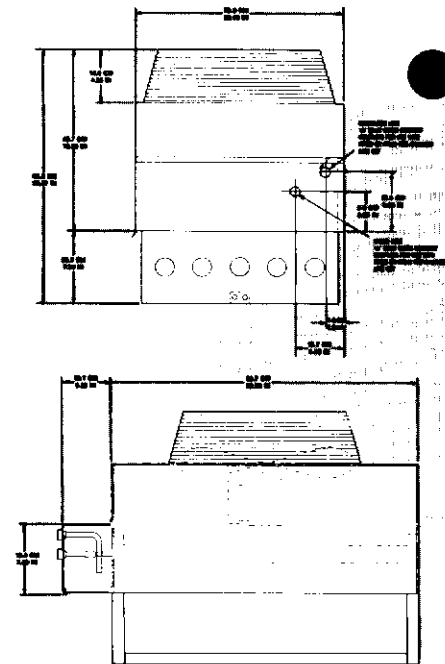
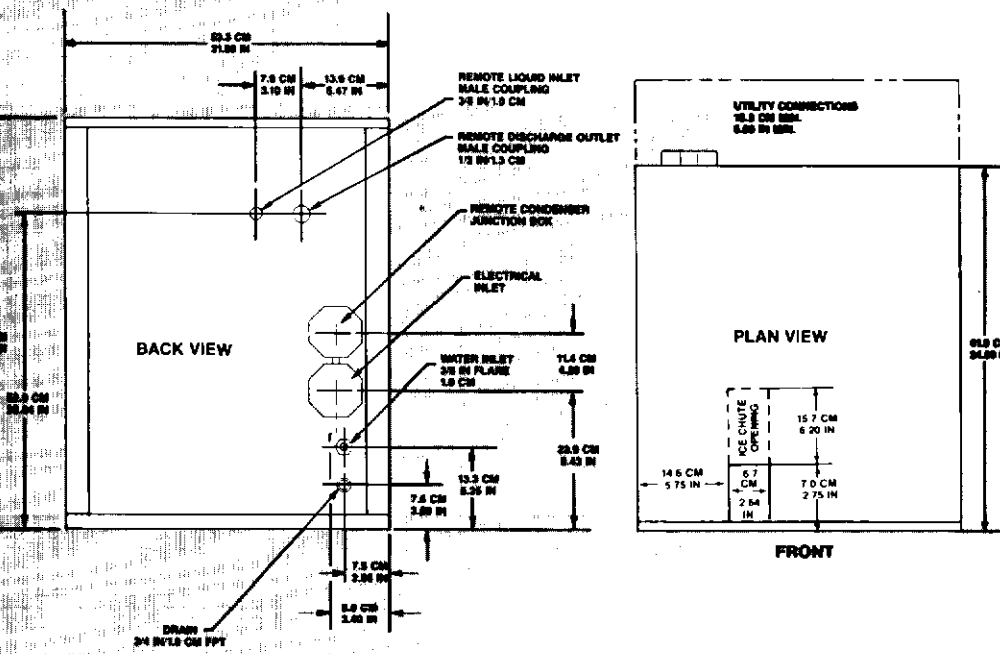
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot precharged refrigerant line with easy to install quick connect couplings.

WARRANTY PROTECTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.

FM800R MODULAR FLAKE ICE MACHINE WITH REMOTE CONDENSER



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model Number	(Height - w/o Bin) Dimensions H" x W" x D"	Ice Prod. Cap. 24 Hrs. lbs./kg.*	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity***	Max. Fuse Size	Ship. Wt. lbs./kg.
FM800RE-1A	27 x 21 x 24	685/311	R-Air	ES	115/60/1	3/4	2	22.5	35	228/103

This product qualifies for the following listings:



REMOTE CONDENSER FOR USE WITH 1 FM800R

RC551-1B	27 3/16 x 22 x 37 9/16	—	Air	Galv.	115/60/1	—	—	4.1†	—	84/38
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* Typical ice production in lbs./kg. of ice per 24 hours at 70° air and 55° water.
 ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
 *** Use this value to determine minimum wire size as per National Electric Code Standards.
 † This value is included in main ampacity for ice machine.

ICE MAKING CAPACITY PER 24 HOURS

		AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	0	70	55	685 LBS. 311 KG.
	C°	-17.8	21.1	12.8	
NORMAL TEMPERATURE	F°	90	90	70	625 LBS. 284 KG.
	C°	32.2	32.2	21.1	
HIGH TEMPERATURE	F°	110	90	80	535 LBS. 243 KG.
	C°	49.3	32.2	26.7	

Capacities represent typical production, variances of ±5% are normal.

OPTIONAL PRE-CHARGED REFRIGERANT TUBE KITS:

RT625: 25 foot pre-charged tubing with connectors — R502.

RT640: 40 foot pre-charged tubing with connectors — R502.

OPTIONAL STORAGE BINS: HTB500 or BH550 with KBT14 bin top, BH600 with KBT15 bin top, BH1000 with KBT16 bin top, and B90 and extensions with KBT18 bin top. BH1000 allows two units side by side.

OPTIONAL STAINLESS STEEL PANEL KIT: SPKFM21: Contains top, front, two end and service panels. Not factory installed.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman's FM800R is not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

SCOTSMAN

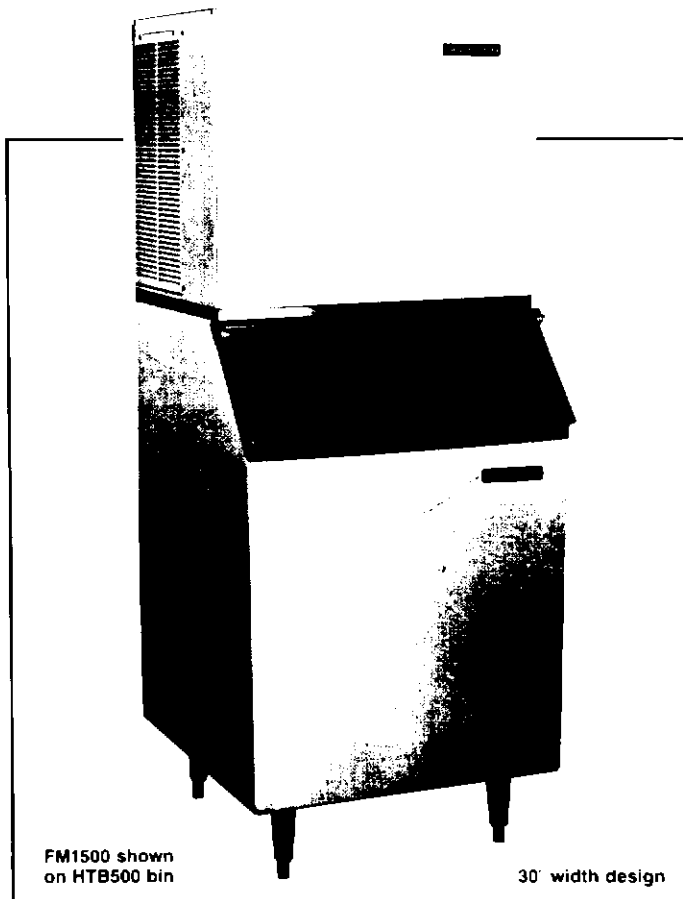
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FM1500 Modular Flake Ice Machine

SCOTSMAN

C.S.I. FILE NO. 11400



FM1500 shown on HTB500 bin

30" width design

The FM1500 represents a totally new concept in the manufacture of the already popular Scotsman Flake Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous ice making, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation is made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

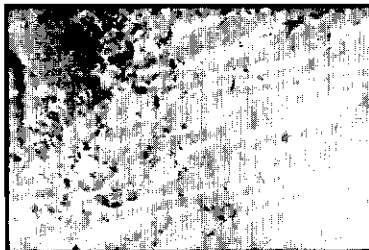
VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.
- Later, if more ice is needed, another unit may be stacked on top.

WARRANTY PROTECTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



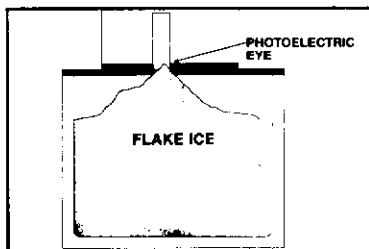
FLAKE ICE

Versatile, inexpensive to produce, used in salad bars, produce and fish displays.



CIRCUIT BOARD

FM1500's electronic circuit board ensures reliable operation.



PHOTOELECTRIC EYE

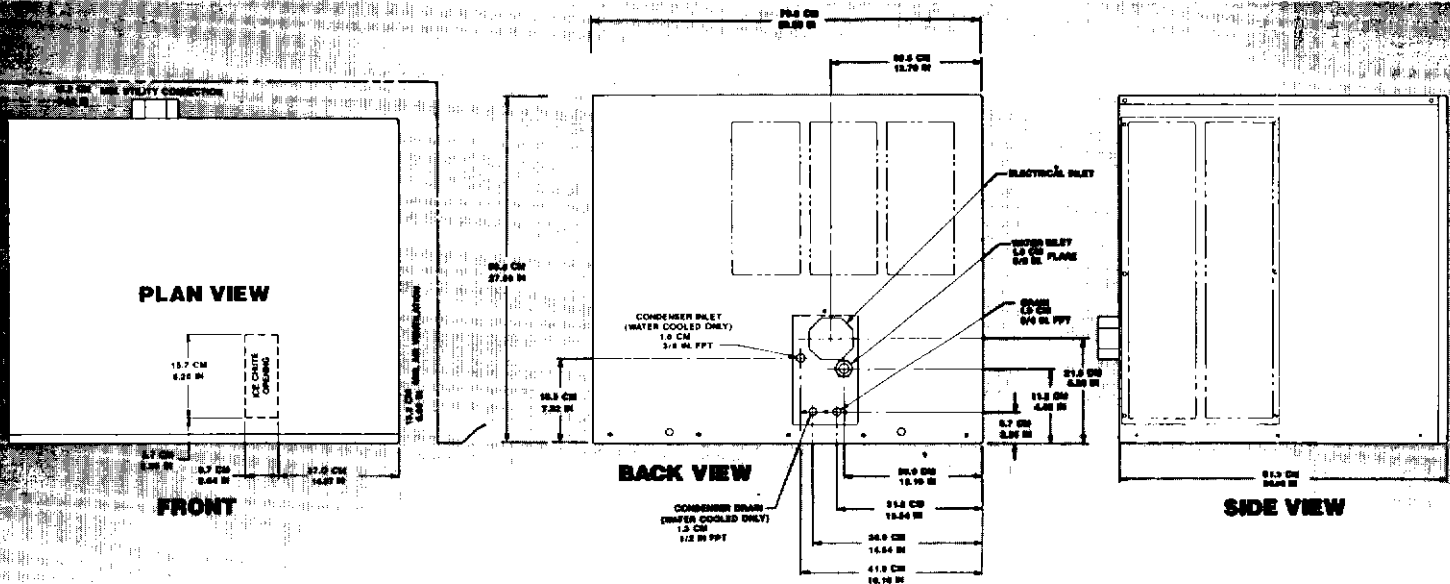
For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

FM1500 MODULAR FLAKE ICE MACHINE



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

SPECIFICATIONS

This product qualifies for the following listings:



Model	(Height - w/o Bin) Dimensions W x D x H	Ice Prod. Cap. 24 Hrs. lbs./kg.*	Cond. Unit	Finish**	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Amperity***	Max. Fuse Size	Ship. Wt. lbs./kg.
FM1500AE-32A	30 x 24 x 27	1430 649	Air	ES	208-230 60 1	1 3 4	2	16 2	25	268 122
FM1500WE-32A	30 x 24 x 27	1460 662	Water	ES	208-230 60 1	1 3 4	2	15 3	25	265 120

- * Typical ice production in lbs./kg of ice per 24 hours at 70° air and 50° water.
- ** ES - enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish.
- *** Use this value to determine minimum wire size as per National Electric Code Standards.

TYPICAL ICE MAKING CAPACITY PER 24 HOURS

FM1500A AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				
	F	50	70	90	
	70°	1430	1230	1090	lbs
	21°	649	558	494	kg
	90	1270	1110	960	lbs
	32°	576	503	435	kg
	100	1180	1040	910	lbs
	38°	535	472	413	kg

FM1500W WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				
	F	50	70	90	
	70°	1460	1260	1110	lbs
	21°	662	572	503	kg
	90	1410	1220	1070	lbs
	32°	640	553	485	kg
	100	1360	1180	1040	lbs
	38°	617	535	472	kg

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

Capacities represent typical production. Variances of ±5% are normal.

OPTIONAL STORAGE BINS: HTB500, BH550, BH800 with KBT 15 bin top, BH900 with KBT22 bin top and B590 with KBT 18 bin top, BH1360.

OPTIONAL STAINLESS STEEL PANEL KIT: SPKCMD-1: Contains top, front, two end and service panels. Not factory installed.

OPTIONAL STACKING KIT: KSNM30 used when stacking two FM1500's.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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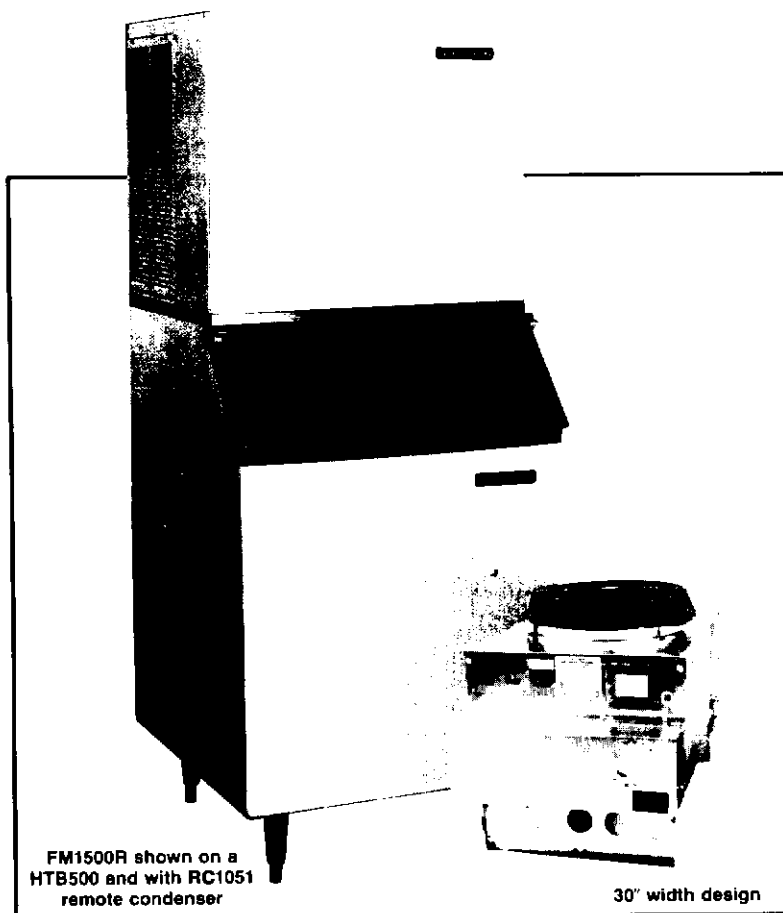
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FM1500R

Modular Flake
Ice Machine with
Remote Condenser

SCOTSMAN

C.S.I. FILE NO. 11400



FM1500R shown on a
HTB500 and with RC1051
remote condenser

30" width design

The FM1500R represents a totally new concept in the manufacture of the already popular Scotsman Flake Ice – new components – from design to materials.

LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- R-502 refrigerant.
- Continuous ice making, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.
- Later, if more ice is needed, another unit may be stacked on top.

REMOTE CONDENSER

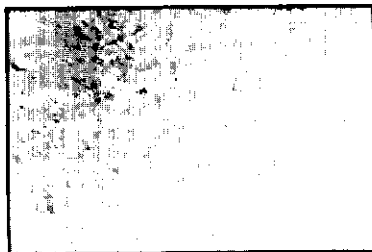
Heat removed during icemaking is carried to the remote condenser directly by refrigerant. There the heat is transferred to the outdoor air, and the refrigerant returns to the icemaker.

- Choose either single or double unit condenser.
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot precharged refrigerant line with easy to install quick connect couplings.

WARRANTY PROTECTION

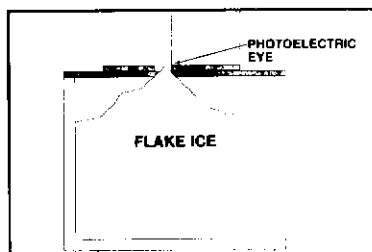
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.



FLAKE ICE

Versatile, inexpensive to produce, used in salad bars, produce and fish displays.



PHOTOELECTRIC EYE

For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



CIRCUIT BOARD

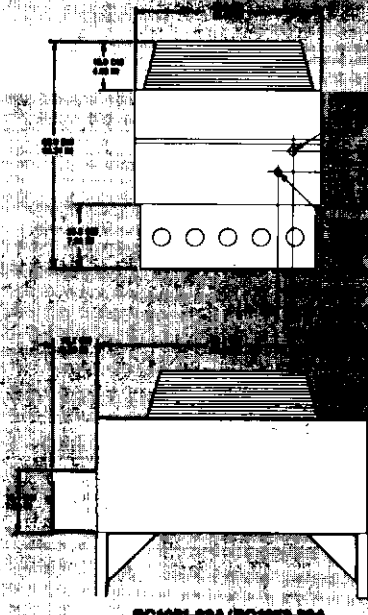
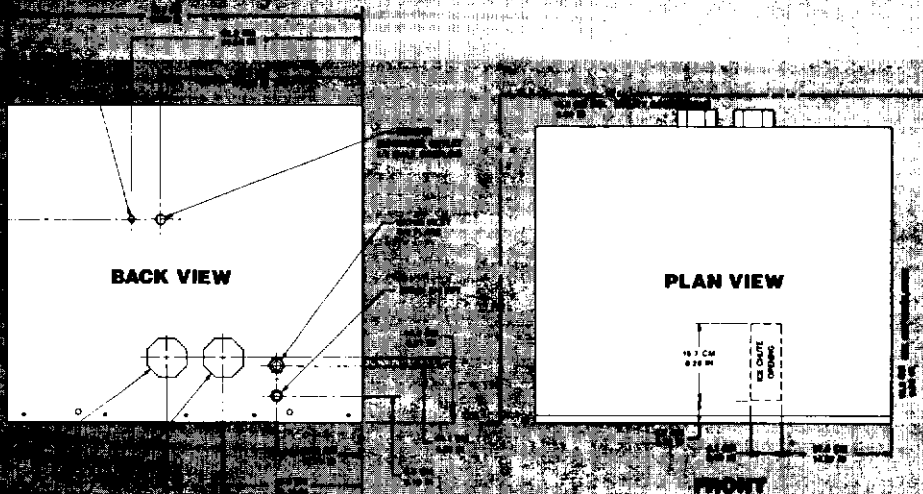
FM1500R's electronic circuit board ensures reliable operation.



TOP BEARING

Extra large top bearing attached to auger and breaker reduces bearing wear.

FM1500R MODULAR FLAKE ICE MACHINE WITH REMOTE CONDENSER



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model	Dimensions (H x W x D)	Ice Prod. (LBS./24 Hrs. @ 70° F)	Cond. Unit	Finish	Weight (LBS.)	Depth (IN.)	Ice Storage (LBS.)	Ice Storage (KG.)	Ice Storage (GAL.)	Ice Storage (LITERS)
FM1500RE-32A	30 x 24 x 27	1280/581	R-Air	ES	208-230-60-1	13/4	2	18.3	25	275-125

This product qualifies for the following listings:



REMOTE CONDENSERS

use with:

Condenser Model	Dimensions (H x W x D)	Ice Machine(s)	Cond. Unit	Finish	Weight (LBS.)	Depth (IN.)	Ice Storage (LBS.)	Ice Storage (KG.)	Ice Storage (GAL.)	Ice Storage (LITERS)
RC1051-32A	22 x 37 1/16 x 27 1/16	1 FM1500R	Air	Galv.	208-230-60-1	—	—	2†	—	84-38
RC1052-32A	22 x 37 1/16 x 27 1/16	1 or 2 FM1500R	Air	Galv.	208-230-60-1	—	—	2†	—	84-38

- * Typical ice production in lbs./kg. of ice per 24 hours at 70° air and 50° water.
 - ** ES = enamel sandalwood, leathergrain embossed steel with high gloss baked enamel finish
 - *** Use this value to determine minimum wire size as per National Electric Code Standards.
 - † Included with minimum circuit ampacity for icemaker. Use this value to determine wire size between icemaker and fan motor.
- Fan relay kit KCMR230 required when connecting two FM1500's to one RC1052-32A.

ICE MAKING CAPACITY PER 24 HOURS

	TEMPERATURE (DOOR)	TEMPERATURE (WATER)		ICE PRODUCTION
		F°	C°	
LOW TEMPERATURE	F°	0	70	1280 LBS. 581 KG.
	C°	-17.8	21.1	
NORMAL TEMPERATURE	F°	90	90	1100 LBS. 499 KG.
	C°	32.2	32.2	
HIGH TEMPERATURE	F°	110	90	970 LBS. 440 KG.
	C°	49.3	32.2	

Capacities represent typical production, variances of ±5% are normal.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

OPTIONAL PRE-CHARGED REFRIGERANT TUBE KITS:

RT625: 25 foot pre-charged tubing with connectors — R502.

RT640: 40 foot pre-charged tubing with connectors — R502.

OPTIONAL STORAGE BINS: HTB500, BH550, BH800 with KBT15 bin top, BH900 with KBT22 bin top, B590 with KBT18 bin top, and BH1360.

OPTIONAL STAINLESS STEEL PANEL KIT: SPKCMD-1: Contains top, front, two end and service panels. Not factory installed.

OPTIONAL STACKING KIT: KSNM30 used when stacking two FM1500's.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

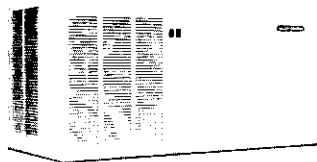
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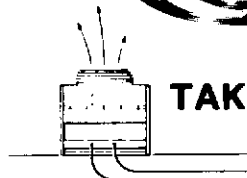
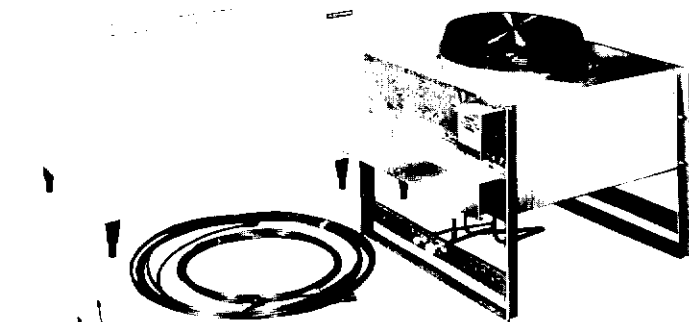
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SCOTSMAN

COMMERCIAL ICE SYSTEMS

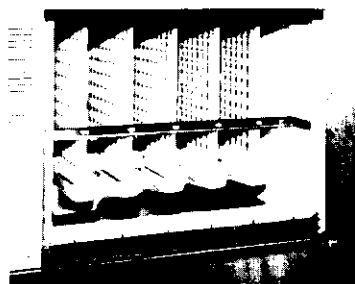
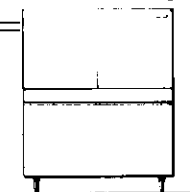


CM1400R shown
on BH1000 Bin



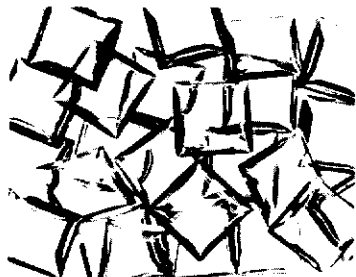
TAKES THE HEAT OUT OF ICEMAKING

- Removes heat from work areas.
- Relieves burden on air conditioning.
- Greatly reduces energy use.
- Reduces noise.



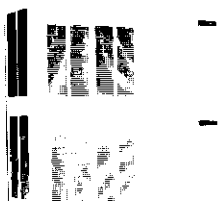
ENERGY EFFICIENT EVAPORATOR DESIGN

Evaporators produce ice on both sides utilizing each kilowatt of energy to make cubes. Cubes harvest by gravity without moving parts.



PATENTED CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bars, full service restaurants, or fast food operations.



ADD-ON ADVANTAGE

One cuber can be stacked on top of another to double ice production when demands increase. No expensive stacking kits or labor costs are required with the ADD-ON advantage.

CM1400R

Modular Contour Cuber with remote condenser flexibility

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 1288 lbs. of ice in 24 hours.
- Pound for pound, CM models use less energy to produce ice than most cubers on the market.

NEW DESIGN CONCEPT — DEPENDABLE QUALITY

- Fewer moving parts, none under refrigeration.
- Cubes are made on both sides of evaporator plates.
- Mechanical and freezer components accessible from the front.
- CM Cubers are stackable.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest liquid displacement ... cubes nestle in glass for economical displacement of beverages.
- Self-leveling cubes make maximum use of storage area inside bin.

REMOTE CONDENSER — FLEXIBILITY

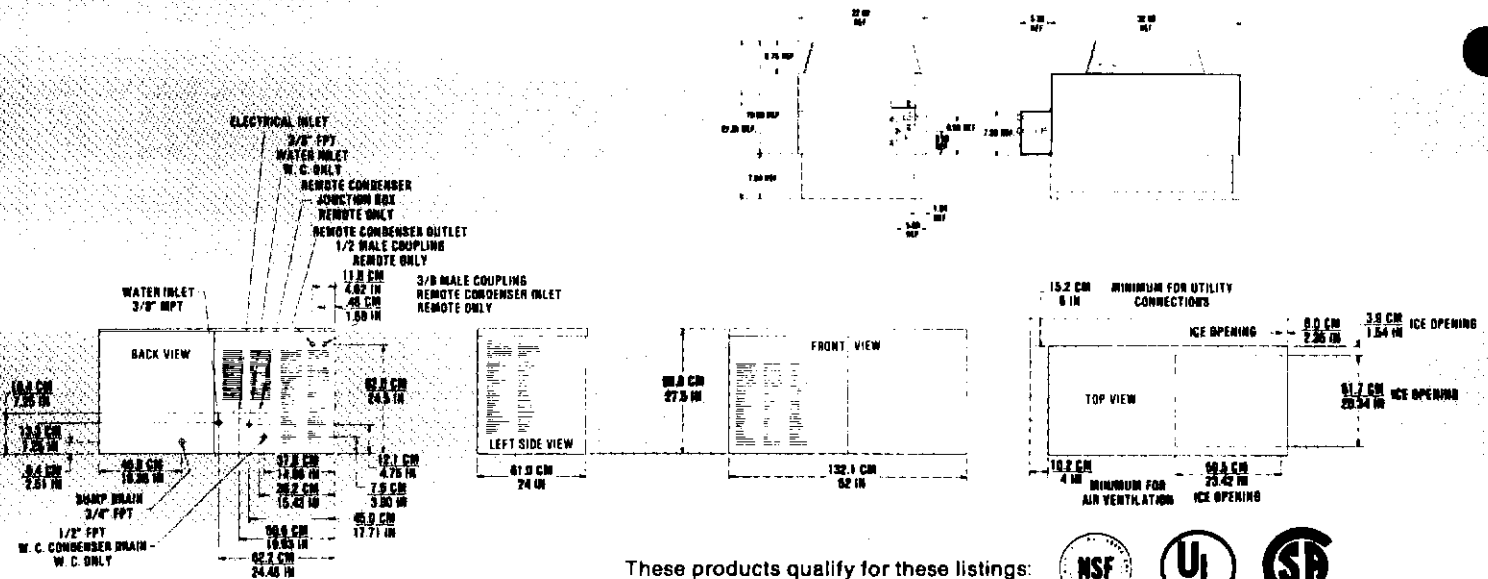
- Operates in wide outdoor temperature range from -20° to 120° F.
- Offers a variety of single or dual unit installation possibilities.
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot pre-charge refrigerant lines with easy to install quick-connect couplings.

STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- New Exclusive 12 Month Factory Labor Coverage.
- 24 Months on All Parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

CM1400R MODULAR CONTOUR CUBER



These products qualify for these listings:



We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Ice Prod. Cap 24 Hrs.	Bin Cap.	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shpg. Wt. lbs./kg.
CM1400RE-3A	27 1/2 x 52 x 24	1288 lbs.	—	Contour	R-Air	ES	208-230/60/3	3.25	3	17.5	25	375/170
CM1400RE-32A	27 1/2 x 52 x 24	1288 lbs.	—	Contour	R-Air	ES	208-230/60/1	3.25	2	28.5	30	375/170

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish.

† Use this value to determine minimum wire size as per National Electric Code Standards.

REMOTE CONDENSER

For Use With

RC1451-32A	27 1/16 x 22 x 37 1/16	(1) CM1400R	—	R-Air	Galv.	208-230/60/1	—	2	—	—	86/39
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STORAGE BINS: BH750E, BH750S, BH1000E and BH1000S.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

		AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	0	70	55	1288 lbs. 584 kg.
	C°	-17.8	21.1	12.8	
NORMAL TEMPERATURE	F°	90	90	70	1203 lbs. 546 kg.
	C°	32.2	32.2	21.1	
HIGH TEMPERATURE	F°	110	90	80	978 lbs. 444 kg.
	C°	43.3	32.2	26.7	

PRE-CHARGED REFRIGERANT TUBE KITS

RT625 25 ft. tubing pre-charged with R502 Freon

RT640 40 ft. tubing pre-charged with R502 Freon

OPTIONAL STAINLESS STEEL PANEL KITS

SPKCM1400A contains top, front and 2 end panels. Not factory installed.

STORAGE BINS

The CM1400R stacks onto Scotsman Bins Models BH750 or BH1000.

OPTIONAL TRIM KIT

KTMCM1400A — Stainless steel trim strip when stacking CM1400R's.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman CM1400R is not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage. NOTE: This does not include the Remote Condenser. Remote Condensers are designed to operate in outdoor installations in a temperature range of -20° to 120° F. Remote Condenser must be installed above ice makers.

Refrigerant R502
Charge per nameplate rating.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

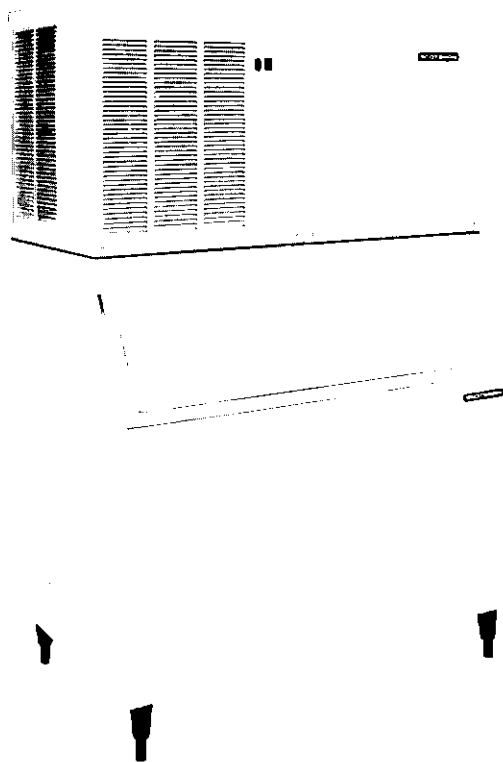
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INTERNATIONAL COMPANY

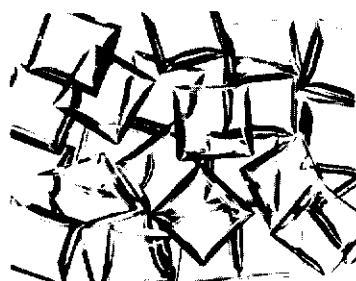
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SCOTSMAN
COMMERCIAL ICE SYSTEMS

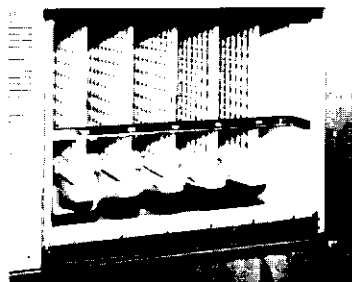


CM1400 shown on BH1000 Bin.



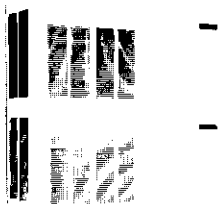
PATENTED CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bars, full service restaurants, or fast food operations.



**ENERGY EFFICIENT
EVAPORATOR DESIGN**

One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest by gravity without moving parts.



ADD-ON ADVANTAGE

One cuber can be stacked on top of another to double ice production when demands increase. No expensive stacking kits or labor costs are required with the ADD-ON advantage.

CM1400

Modular Contour Cuber

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 1468 lbs. of ice in 24 hours.
- An engineering breakthrough in ice systems design.
- Pound for pound, CM models use less energy to produce ice than most cubers on the market.

NEW DESIGN CONCEPT — DEPENDABLE QUALITY

- Fewer moving parts, none under refrigeration.
- Field tested, proven reliability.
- Cubes are made on both sides of evaporator plates.
- Mechanical and freezer components accessible from the front.
- CM Cubers are stackable.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.

100% RUN TESTING — ASSURANCE

Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

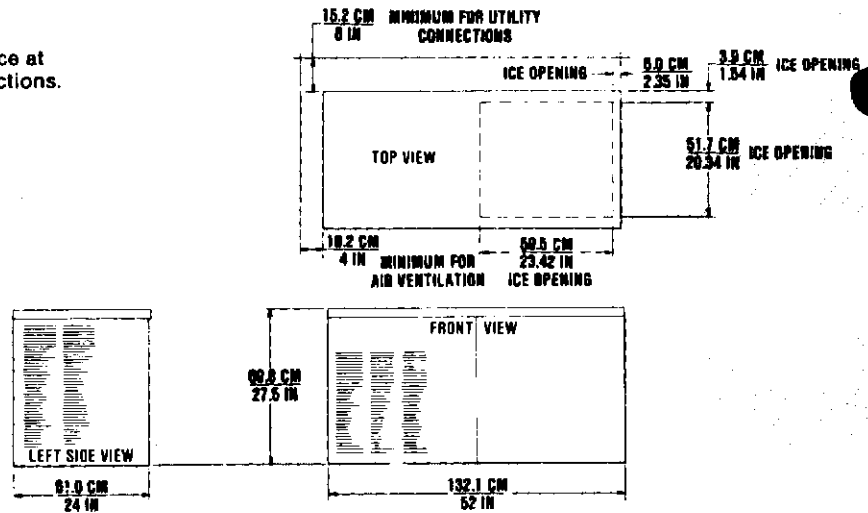
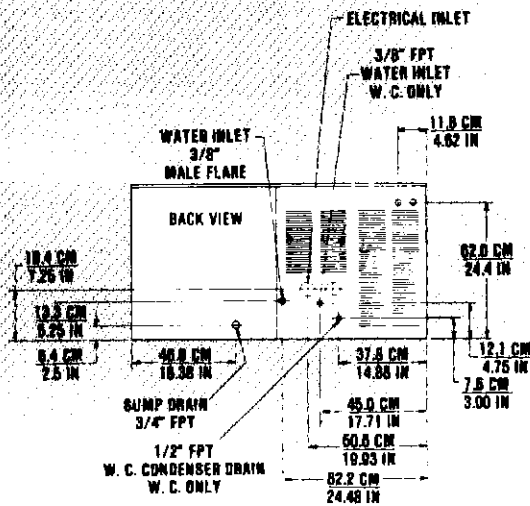
STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- New Exclusive 12 Month Factory Labor Coverage.
- 24 Months on All Parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

CM1400 MODULAR CONTOUR CUBER

INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.



This product qualifies for the following listings:



SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shpg. Wt. lbs./kg.
CM1400AE-3A	27½ x 52 x 24	—	1392 lbs.	Contour	Air	ES	208-230/60/3	3.25	3	14.4	20	375/170
CM1400AE-32A	27½ x 52 x 24	—	1392 lbs.	Contour	Air	ES	208-230/60/1	3.25	2	24.6	30	375/170
CM1400WE-3A	27½ x 52 x 24	—	1468 lbs.	Contour	Water	ES	208-230/60/3	3.25	3	11.5	15	375/170
CM1400WE-32A	27½ x 52 x 24	—	1468 lbs.	Contour	Water	ES	208-230/60/1	3.25	2	20.9	25	375/170

STORAGE BINS — Use with CM1400

BH750E	29¾ x 52 x 36	734 lbs.				ES						171/100
BH750S	29¾ x 52 x 36	734 lbs.				SS						166/98
BH1000E	44 x 52 x 31½	1000 lbs.				ES						231/105
BH1000S	44 x 52 x 31½	1000 lbs.				SS						231/105

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish.
† Use this value to determine minimum wire size as per National Electric Code Standards.

ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

CM1400A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	1392	1326	1211		
21°	631	601	549		kg.
90°	1259	1187	1147		lbs.
32°	571	538	520		kg.
100°	1171	1087	1005		lbs.
38°	531	493	456		kg.

CM1400W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	1468	1369	1175		lbs.
21°	666	621	533		kg.
90°	1447	1342	1174		lbs.
32°	656	609	532		kg.
100°	1428	1342	1156		lbs.
38°	647	609	524		kg.

Refrigerant R502

Charge per nameplate rating.

OPTIONAL TRIM KIT

KTMCM1400A — Stainless steel trim strip when stacking CM1400's

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

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INTERNATIONAL COMPANY

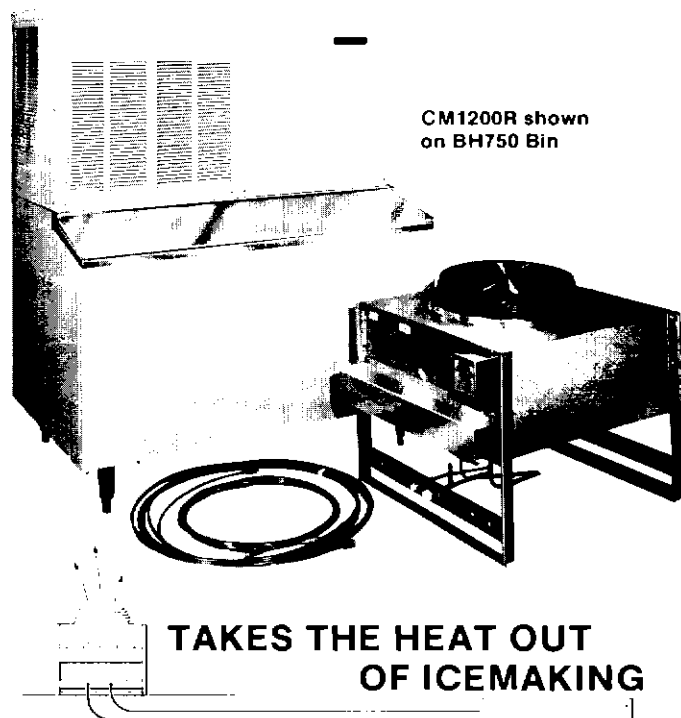
AS-555 Preliminary

TWX 910-565-2173

Printed in U.S.A.

SCOTSMAN

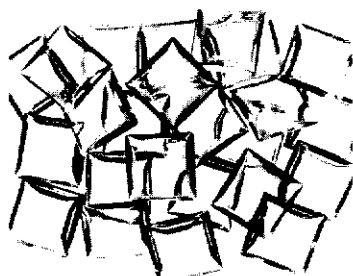
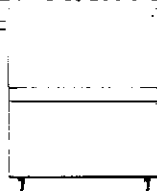
COMMERCIAL ICE SYSTEMS



CM1200R shown
on BH750 Bin

TAKES THE HEAT OUT OF ICEMAKING

- Removes heat from work areas.
- Relieves burden on air conditioning.
- Greatly reduces energy use.
- Reduces noise.



UNIQUE CUBE DESIGN

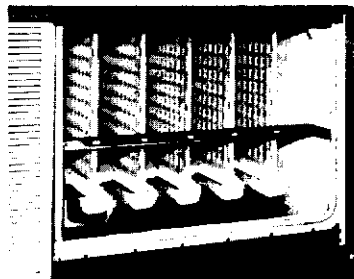
Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



CONTOUR

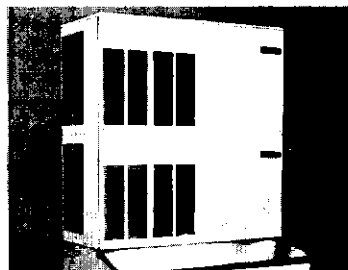
HIGH LIQUID DISPLACEMENT

Tested against two competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows that even the small, flat cube is no competition for the Scotsman Contour Cube™.



ENERGY EFFICIENT EVAPORATOR DESIGN

Evaporators produce ice on both sides utilizing each kilowatt of energy to make cubes. Cubes harvest by gravity without moving parts.



ADD-ON ADVANTAGE

One cuber can be stacked on top of another to double ice production when demands increase. Both compact models when stacked will fit comfortably under an 8 ft. ceiling. No expensive stacking kits or labor costs are required with the ADD-ON advantage.

CM1200R

Modular Contour Cuber
with remote condenser
flexibility

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 956 lbs. of ice in 24 hours.
- Pound for pound, CM models use less energy to produce ice than most cubers on the market.

NEW DESIGN CONCEPT — DEPENDABLE QUALITY

- Fewer moving parts, one under refrigeration.
- Cubes are made on both sides of evaporator plates.
- Mechanical and freezer components accessible from the front.
- CM Cubers are stackable.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest liquid displacement ... cubes nestle in glass for economical displacement of beverages.
- Self-leveling cubes make maximum use of storage area inside bin.

REMOTE CONDENSER — FLEXIBILITY

- Operates in wide outdoor temperature range from -20° to 120° F.
- Offers a variety of single or dual unit installation possibilities.
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot pre-charge refrigerant lines with easy to install quick-connect couplings.

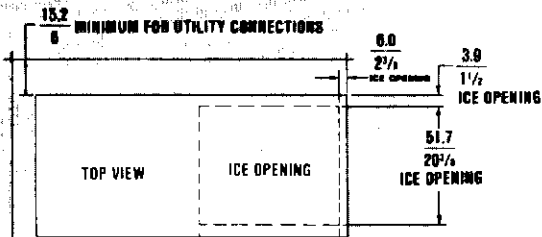
STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor.
- 24 Months on All Parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

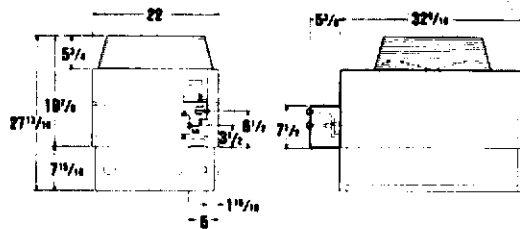
CM1200R MODULAR CONTOUR CUBER



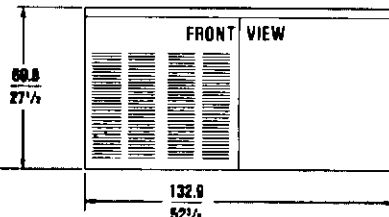
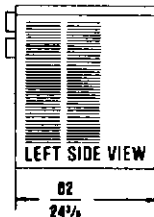
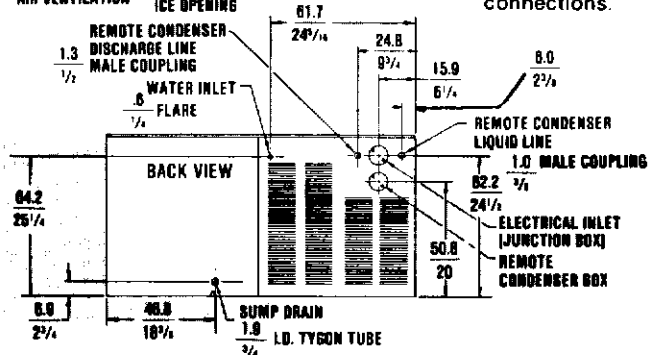
This product qualifies for the following listings:



INSTALLATION NOTE:
Allow 6" minimum space at sides and back for ventilation and utility connections.



CENTIMETERS
INCHES



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shp. Wt. lbs./kg.
CM1200RE-32A	27 1/2 x 52 3/4 x 24 3/4	—	956 lbs.	Contour	R-Air	ES	208-230/60/1	1.5	2	20	25	354/161

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish.
† Use this value to determine minimum wire size as per National Electric Code Standards.

REMOTE CONDENSERS FOR USE WITH CM1200R CONTOUR CUBERS

		For Use With									
RC151-32B	29 3/4 x 30 1/4 x 34	(1) CM1200R	—	R-Air	Galv.	208-230/60/1	—	2	2.0	—	133/60
RC302-32B	29 3/4 x 30 1/4 x 34	(2) CM1200R	—	R-Air	Galv.	208-230/60/1	—	2	2.0	—	154/70

Order RTCM225 - 25 foot pre-charged refrigerant tubing. RTCM240 - 40 foot pre-charged refrigerant tubing.

STORAGE BINS — Use with CM1200R

BH750E	29 3/8 x 52 x 36	734 lbs.				ES					220/100
BH750S	29 3/8 x 52 x 36	734 lbs.				SS					220/100
BH1000AE	44 x 52 x 31 1/2	1000 lbs.				ES					219/99
BH1000S	44 x 52 x 31 1/2	1000 lbs.				SS					230/104
BH1000AS	44 x 52 x 31 1/2	1000 lbs.				SS					230/104

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (SS) Stainless Steel.
† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

	TEMPERATURE	AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	0	70	55	956 lbs.
	C°	-17.8	21.1	12.8	435 kg.
NORMAL TEMPERATURE	F°	90	90	70	853 lbs.
	C°	32.2	32.2	21.1	387 kg.
HIGH TEMPERATURE	F°	110	90	80	753 lbs.
	C°	43.3	32.2	26.7	342 kg.

PRE-CHARGED REFRIGERANT TUBE KITS

RTCM225 25 ft tubing pre-charged with R12 Freon

RTCM240 40 ft tubing pre-charged with R12 Freon

OPTIONAL STAINLESS STEEL PANEL KITS

SPKCM1200C contains top, front and 2 end panels. Not factory installed.

OPTIONAL TRIM KIT

KTMCM1200C — Stainless steel trim strip when stacking CM1200's.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

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SCOTSMAN

COMMERCIAL ICE SYSTEMS

CM1200C

Modular Contour Cuber

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 941 lbs. of ice in 24 hours.
- An engineering breakthrough in ice systems design.
- Pound for pound, CM models use less energy to produce ice than any cuber on the market.
- KWH of electricity per 100 lbs. of ice cube production is lower than any other brand.

NEW DESIGN CONCEPT — DEPENDABLE QUALITY

- Fewer moving parts, none under refrigeration.
- Field tested, proven reliability.
- Cubes are made on both sides of evaporator plates.
- Mechanical and freezer components accessible from the front.
- CM Cubers are stackable.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.
- An ice scoop literally floats through Contour Cubes™ for amazing ease of handling.
- No hard-to-break-apart waffles or ice clusters because Contour Cubes™ remain loose from evaporator to user.

100% RUN TESTING — ASSURANCE

Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems are performing at peak efficiency.

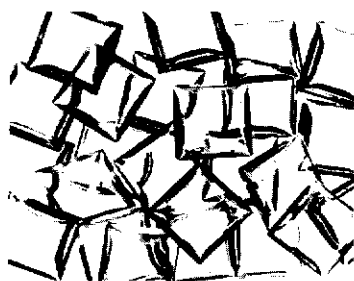
STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 60 Day Factory Labor.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Toll free service hot line and full-time Service Engineers to handle customer service problems.
- Directory of Certified Service Dealers.



CM1200 shown on BH750 Bin



UNIQUE CUBE DESIGN

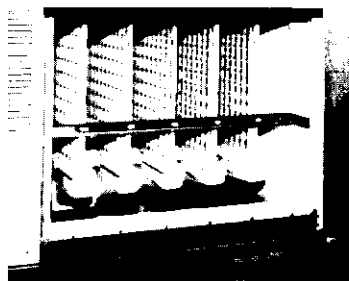
Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



CONTOUR

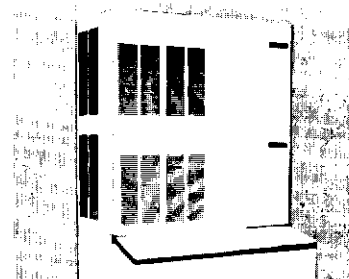
HIGH LIQUID DISPLACEMENT

Tested against two competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows that even the popular small, flat cube is no competition for the Scotsman Contour Cube™.



ENERGY EFFICIENT EVAPORATOR DESIGN

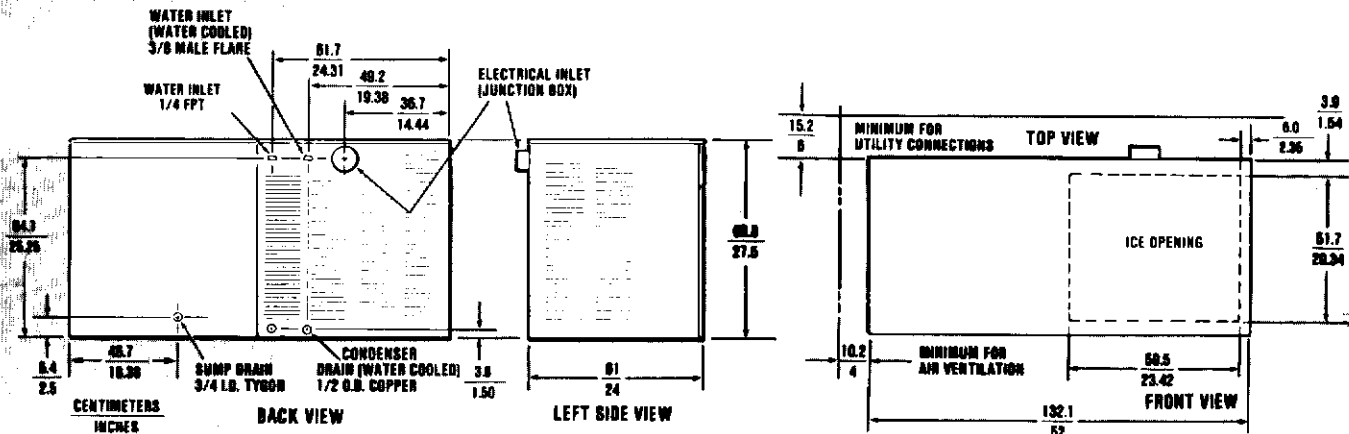
One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest by gravity without moving parts.



ADD-ON ADVANTAGE

One cuber can be stacked on top of another to double ice production when demands increase. Both compact models when stacked will fit comfortably under an 8 ft. ceiling. No expensive stacking kits or labor costs are required with the ADD-ON advantage.

CM1200C MODULAR CONTOUR CUBER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	Run Amps.	Max. Oper. Amps.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shpg. Wt. lbs./kg.
CM1200AE-9C	28 x 52 x 24	—	941 lbs.	Contour	Air	ES	115/208-230/60/3	1.5	9.0	10.1	4	14.2	20	375/170
CM1200AE-31C	28 x 52 x 24	—	941 lbs.	Contour	Air	ES	115/208-230/60/1	1.5	13.6	16.6	3	20.9	35	375/170
CM1200WE-9C	28 x 52 x 24	—	905 lbs.	Contour	Water	ES	115/208-230/60/3	1.5	7.2	9.1	4	9.9	15	375/170
CM1200WE-31C	28 x 52 x 24	—	905 lbs.	Contour	Water	ES	115/208-230/60/1	1.5	11.6	14.0	3	17.5	30	375/170

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish.
 † Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

CM1200A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	941	888	850	812	lbs.
21°	426	402	385	368	kg.
90°	868	826	770	728	lbs.
32°	393	374	347	328	kg.
100°	816	762	708	654	lbs.
38°	370	345	321	302	kg.

CM1200W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	905	875	840	800	lbs.
21°	410	396	380	364	kg.
90°	887	860	830	800	lbs.
32°	402	389	378	368	kg.
100°	870	835	800	765	lbs.
38°	394	378	362	346	kg.

STORAGE BIN

The CM1200 stacks onto Scotsman Bin Model BH750.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKCM1200C contains top, front and 2 end panels. Not factory installed.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



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SCOTSMAN

COMMERCIAL ICE SYSTEMS

CM1200

Modular Contour Cuber

**VOLUME PRODUCTION —
LOWER OPERATING COSTS**

- Up to 941 lbs. of ice in 24 hours.
- An engineering breakthrough in ice systems design.
- Pound for pound, CM models use less energy to produce ice than any cuber on the market.
- KWH of electricity per 100 lbs. of ice cube production is lower than any other brand.

**NEW DESIGN CONCEPT —
DEPENDABLE QUALITY**

- Fewer moving parts, one under refrigeration.
- Field tested, proven reliability.
- Cubes are made on both sides of evaporator plates.
- Mechanical and freezer components accessible from the front.
- CM Cubers are stackable.

**THE CONTOUR CUBE SHAPE —
HANDLING EASE**

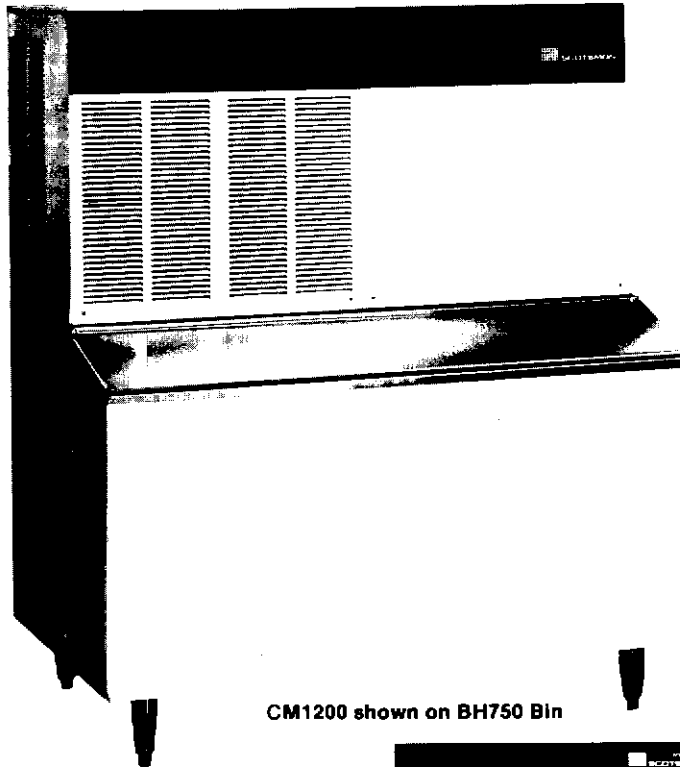
- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nesting characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.
- An ice scoop literally floats through Contour Cubes™ for amazing ease of handling.
- No hard-to-break-apart waffles or ice clusters because Contour Cubes™ remain loose from evaporator to user.

100% RUN TESTING — ASSURANCE
Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems are performing at peak efficiency.

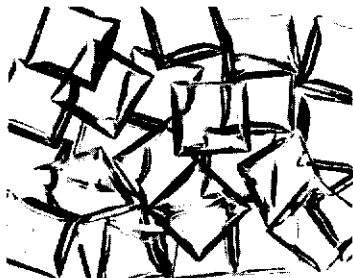
STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 60 Day Factory Labor.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Toll free service hot line and full-time Service Engineers to handle customer service problems.
- Directory of Certified Service Dealers.



CM1200 shown on BH750 Bin



COMPLETELY DIFFERENT CUBE DESIGN

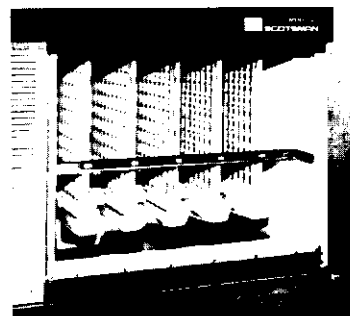
Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



CONTOUR

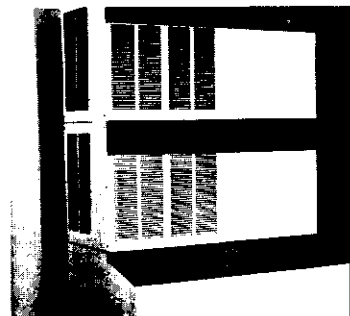
HIGH LIQUID DISPLACEMENT

Tested against two competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows that even the popular small, flat cube is no competition for the Scotsman Contour Cube™.



ENERGY EFFICIENT EVAPORATOR DESIGN

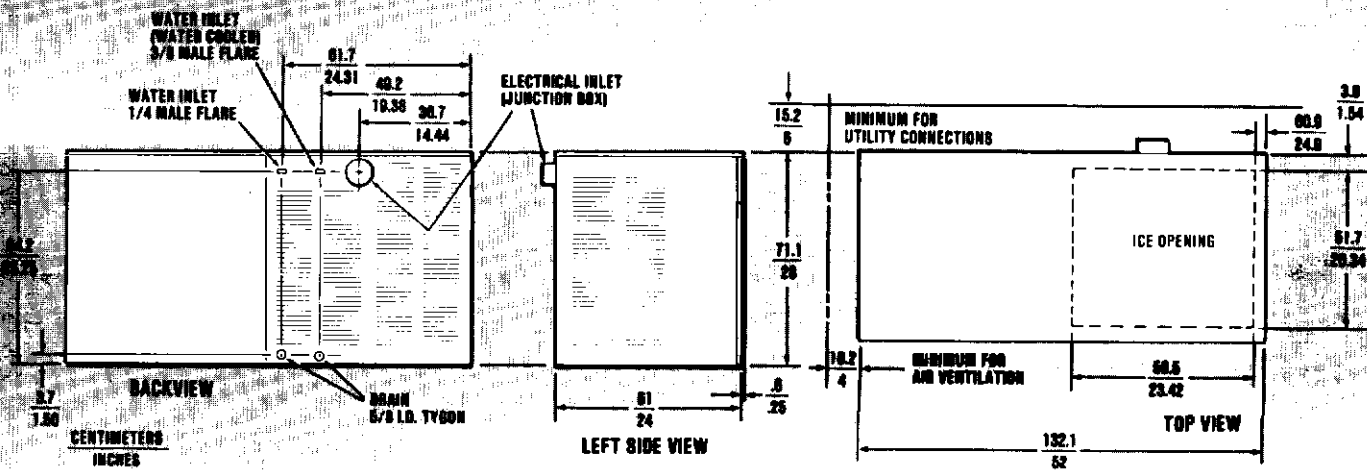
One set of freezing coils produces ice on both sides of each evaporator plate utilizing every kilowatt of energy to make cubes. Each harvest delivers cubes directly into the bin.



ADD-ON ADVANTAGE

One cuber can be stacked on top of another to double ice production when demands increase. Both compact models when stacked will fit comfortably under an 8 ft. ceiling. No expensive stacking kits or labor costs are required with the ADD-ON advantage.

CM1200 MODULAR CONTOUR CUBER



INSTALLATION NOTE: Allow 6" minimum additional space at front, back and left side for ventilation and utility connections.

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	Run. Amps.	Max. Oper. Amps.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shpg. Wt. lbs./kg.
CM1200AE-9A	28 x 52 x 24	—	941 lbs.	Cont.	Air	ES	115/208-220/60/3	1.5	9.0	10.8	4	13.1	15	375/170
CM1200AE-31A	28 x 52 x 24	—	941 lbs.	Cont.	Air	ES	115/208-230/60/1	1.5	13.6	14.9	3	18.1	20	375/170
CM1200WE-9A	28 x 52 x 24	—	930 lbs.	Cont.	Water	ES	115/208-220/60/3	1.5	9.0	10.8	4	11.8	15	375/170
CM1200WE-31A	28 x 52 x 24	—	930 lbs.	Cont.	Water	ES	115/208-230/60/1	1.5	13.6	14.9	3	16.7	20	375/170

** (ES) Sandlewood, Leathergrain embossed steel with high gloss baked enamel finish.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

CM1200A AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	21°	941	888	850	lbs.
		426	402	385	kg.
90°	32°	868	826	770	lbs.
		393	374	347	kg.
100°	38°	816	762	708	lbs.
		370	345	321	kg.

CM1200W WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	21°	930	920	900	lbs.
		425	420	410	kg.
90°	32°	925	910	875	lbs.
		422	415	397	kg.
100°	38°	920	880	840	lbs.
		417	400	380	kg.

STORAGE BIN

The CM1200 stacks onto Scotsman Bin Model BH750.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKCM1200A contains top, front and 2 end panels. Not factory installed.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F, nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



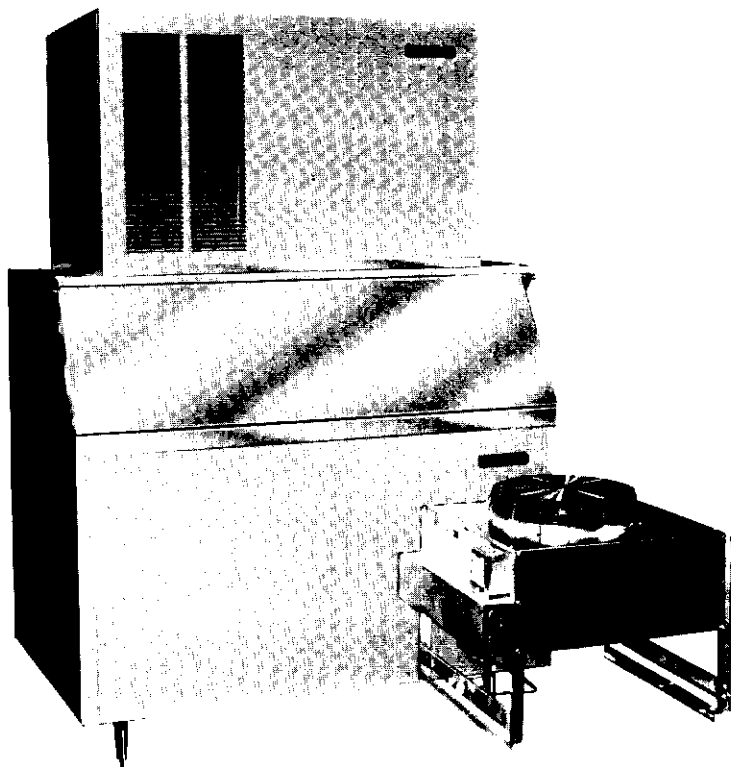
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SCOTSMAN
COMMERCIAL ICE SYSTEMS

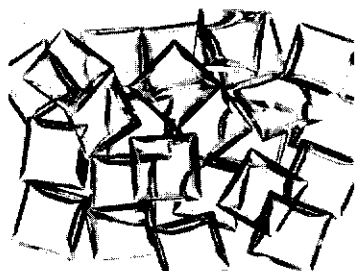
CM1000R

Slim Modular Contour Cuber

with Remote Condenser Flexibility



CM1000R shown on BH1000 Bin.



UNIQUE CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



CONTOUR

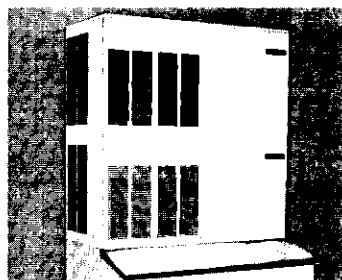
HIGH LIQUID DISPLACEMENT

Tested against two competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows that even the popular small, flat cube is no competition for the Scotsman Contour Cube™.



ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest individually by gravity without moving parts.



ADD-ON ADVANTAGE

One cuber can be stacked on top of another to double ice production when demands increase. No expensive stacking kits or labor costs are required with the ADD-ON advantage.

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 940 lbs. of ice in 24 hours.
- Only 42" wide.
- An engineering breakthrough in ice systems design.
- Pound for pound, CM models use less energy to produce ice than most cubers on the market.

NEW DESIGN CONCEPT — DEPENDABLE QUALITY

- Fewer moving parts. None under refrigeration.
- Field tested, proven reliability.
- Cubes are made on both sides of evaporator plates.
- Mechanical and freezer components accessible from the front.
- CM Cubers are stackable.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No Splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.

REMOTE CONDENSER — FLEXIBILITY

- Operates in wide outdoor temperature range from -20° to 120° F.
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot pre-charged refrigerant lines with easy to install quick-connect couplings. Line sets are insulated.
- Unit includes: pump down cycle and crankcase heater to protect compressor.

STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor and Evaporator.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.

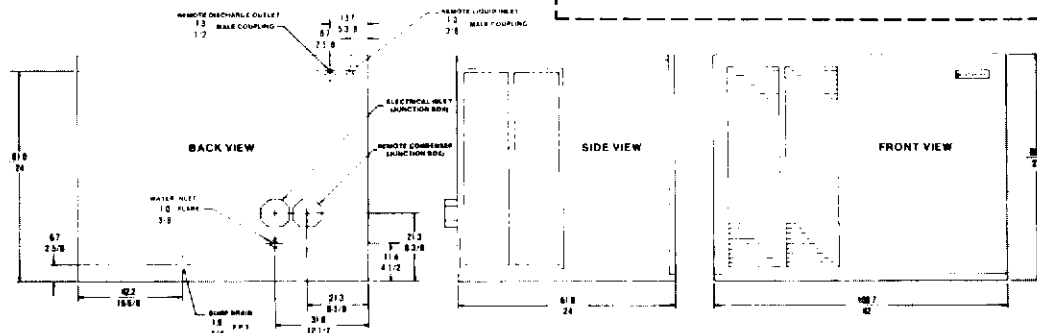
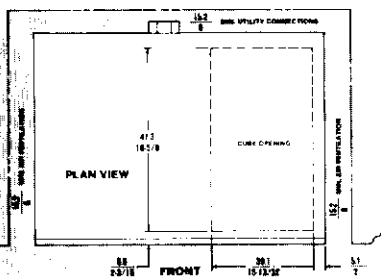
CM1000R SLIM MODULAR CONTOUR CUBER WITH REMOTE CONDENSER FLEXIBILITY

INSTALLATION NOTE:
Allow 6" minimum space at sides and back for ventilation and utility connections.

This products qualify for these listings.



CENTIMETERS
INCHES



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
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CM1000 "CONTOUR™ CUBE" MODULAR CUBER

CM1000RE-32A	27 x 42 x 24	—	940	Contour	Air	ES	208-230/60/1	2 1/2	2	18.7	30	295/135
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SPCKM1000 Stainless Steel Panel Kit for CM1000R

BH800 MODULAR BIN - Use with CM1000 MODULAR CUBER

BH800AE	44 x 42 x 31 1/2	800	—	—	—	ES	—	—	—	—	—	186/84
BH800AS	44 x 42 x 31 1/2	800	—	—	—	SS	—	—	—	—	—	186/84

BH1000 MODULAR BIN - Use with CM1000 MODULAR CUBER

BH1000AE	44 x 52 x 31 1/2	1000	—	—	—	ES	—	—	—	—	—	219/99
BH1000AS	44 x 52 x 31 1/2	1000	—	—	—	SS	—	—	—	—	—	230/104
KBT14	—	—	—	—	—	SS	—	—	—	—	—	—

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (SS) Stainless Steel.
† Use this value to determine minimum wire size as per National Electric Code Standards.

REMOTE CONDENSER FOR USE WITH CM1000 ICE MACHINE

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	For Use With	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
RC651-32B	28 1/4 x 30 1/4 x 35	(1) CM1000R	Air	Galv.	208-230/60/1	—	2	2.0	—	143/65
RC652-32B	28 1/4 x 30 1/4 x 35	(1 or 2) CM1000R	Air	Galv.	208-230/60/1	—	2	2.0	—	143/65

■ This value is included above in min. ampacity for ice machine.
Fan relay kit — KCMR230 required with connecting two CM1000R's to one RC652-32B.

*ICE MAKING CAPACITY:

*Typical ice production in lbs./kgs. of ice per 24 hours.

		AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	0	70	55	940 lbs. 426 kg.
	C°	-17.8	21.1	12.8	
NORMAL TEMPERATURE	F°	90	90	70	864 lbs. 392 kg.
	C°	32.2	32.2	21.1	
HIGH TEMPERATURE	F°	110	90	80	656 lbs. 298 kg.
	C°	49.3	32.2	26.7	

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN®

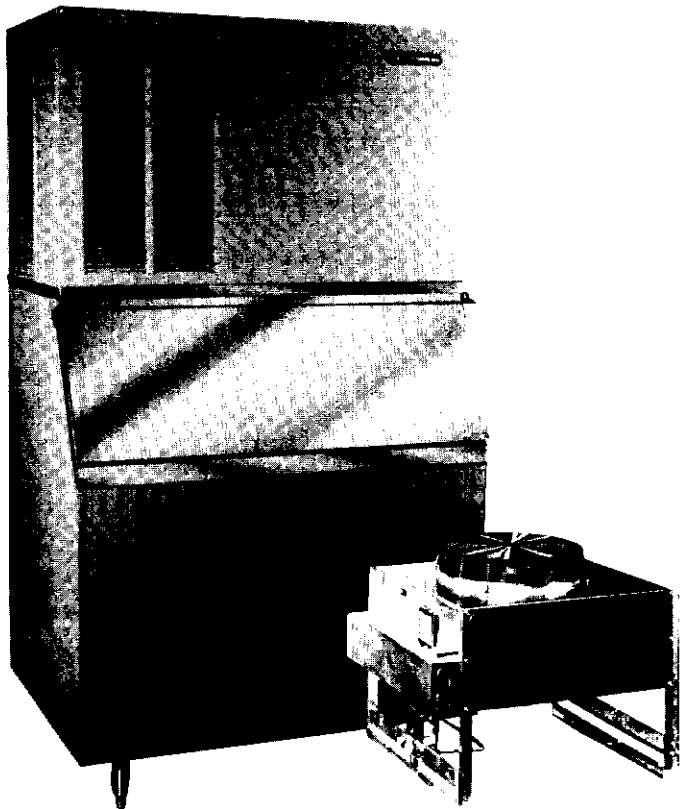
A HOUSEHOLD

SCOTSMAN ICE SYSTEMS • 505 FRONT ST. • ALBERT LEA, MN 56007 • (507) 373-3961

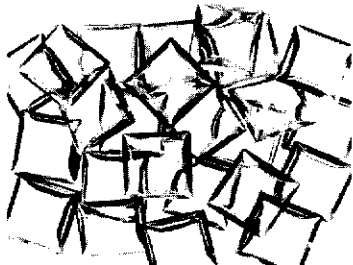
INTERNATIONAL COMPANY

TELEX EASYLINK 62922027

Printed in U.S.A.



CM855R shown on BH800 Bin.



UNIQUE CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



CONTOUR

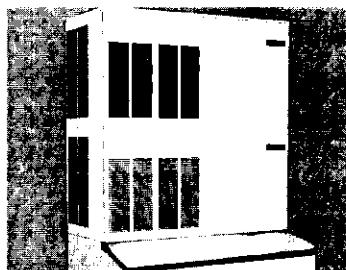
HIGH LIQUID DISPLACEMENT

Tested against two competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows that even the popular small, flat cube is no competition for the Scotsman Contour Cube™.



ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest individually by gravity without moving parts.



ADD-ON ADVANTAGE

One cuber can be stacked on top of another to double ice production when demands increase. No expensive stacking kits or labor costs are required with the ADD-ON advantage.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

CM855R

Modular
Contour Cuber
with Remote Condenser Flexibility

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 750 lbs. of ice in 24 hours.
- Only 42" wide.
- An engineering breakthrough in ice systems design.
- Pound for pound, CM models use less energy to produce ice than most cubers on the market.

NEW DESIGN CONCEPT — DEPENDABLE QUALITY

- Fewer moving parts. None under refrigeration.
- Field tested, proven reliability.
- Cubes are made on both sides of evaporator plates.
- Mechanical and freezer components accessible from the front.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No Splashing, pour by hand or gun without spills.
- Highest possible displacement — nesting characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.
- CM Cubers are stackable.

REMOTE CONDENSER — FLEXIBILITY

- Operates in wide outdoor temperature range from -20° to 120° F.
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot pre-charged refrigerant lines with easy to install quick-connect couplings. Line sets are insulated.
- Unit includes; pump down cycle and crankcase heater to protect compressor.

STRONGEST WARRANTY — SATISFACTION

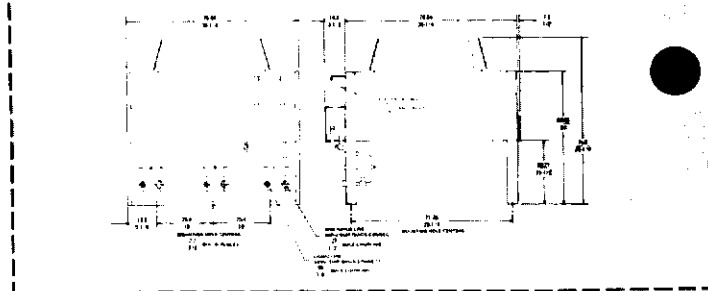
See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor and Evaporator.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.

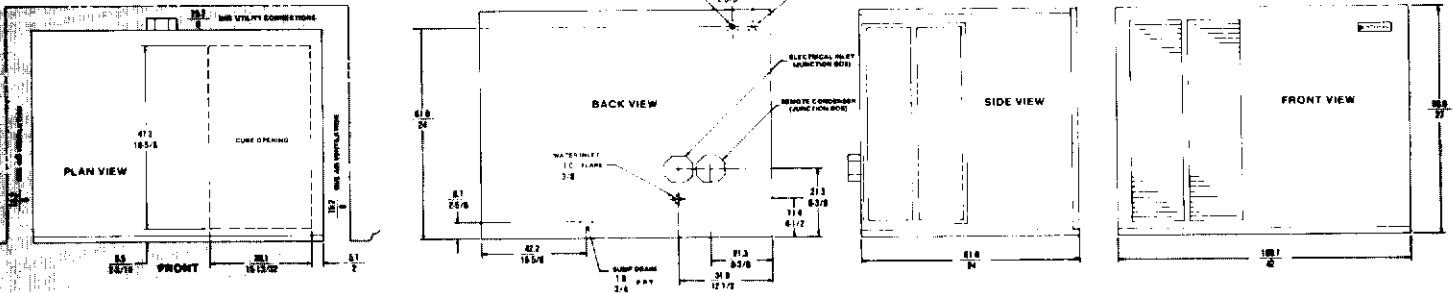
CM855R MODULAR CONTOUR CUBER WITH REMOTE CONDENSER FLEXIBILITY

INSTALLATION NOTE:
Allow 6" minimum space at sides and back for ventilation and utility connections.

These products qualify for these listings.



CENTIMETERS
INCHES



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
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CM855 "CONTOUR™ CUBE" MODULAR CUBER

CM855RE-32A	27 x 42 x 24	—	750	Contour	R-Air	ES	208-230/60/1	1 3/4	2	17	30	295/135
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SPCKM1000 Stainless Steel Panel Kit for CM855R

BH800 MODULAR BIN - Use with CM855 MODULAR CUBER

BH800AE	44 x 42 x 31 1/2	800	—	—	—	ES	—	—	—	—	—	186/84
BH800AS	44 x 42 x 31 1/2	800	—	—	—	SS	—	—	—	—	—	186/84

** (ES) Sandalwood. Leathergrain embossed steel with high gloss baked enamel finish. (SS) Stainless Steel.
† Use this value to determine minimum wire size as per National Electric Code Standards.

REMOTE CONDENSER FOR USE WITH CM855R ICE MACHINE

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	For Use With	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
RC651-32B	28 1/4 x 30 1/4 x 35	(1) CM855R	Air	Galv.	208-230/60/1	—	2	2.0	—	143/65
RC652-32B	28 1/4 x 30 1/4 x 35	(1 or 2) CM855R	Air	Galv.	208-230/60/1	—	2	2.0	—	143/65

■ This value is included above in main ampacity for ice machine.
Fan relay kit KCMR230 required when connecting two CM855R's to one RC652-32B.

*ICE MAKING CAPACITY:

*Typical ice production in lbs./kgs. of ice per 24 hours.

		AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	0	70	55	750 lbs. 390 kg.
	C°	-17.8	21.1	12.8	
NORMAL TEMPERATURE	F°	90	90	70	686 lbs. 311 kg.
	C°	32.2	32.2	21.1	
HIGH TEMPERATURE	F°	110	90	80	—
	C°	49.3	32.2	26.7	

OPTIONAL STAINLESS STEEL PANEL KIT:

SPCKM1000 contains top, front, 2 end panels, and access panel. Not factory installed.

REFRIGERANT

Machine uses R502. Charge per nameplate rating.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

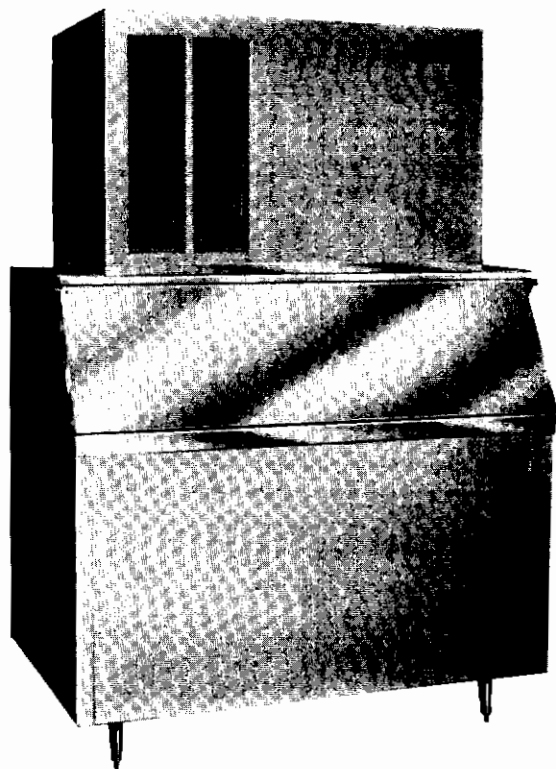
A HOUSEHOLD

SCOTSMAN ICE SYSTEMS • 505 FRONT ST. • ALBERT LEA, MN 56007 • (507) 373-3961

INTERNATIONAL COMPANY

TELEX EASYLINK 62922027

Printed in U.S.A.



CM1000 shown on BH1000 Bin

SCOTSMAN
COMMERCIAL ICE SYSTEMS

CM1000

Modular Contour Cuber

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 962 lbs. of ice in 24 hours.
- An engineering breakthrough in ice systems design only 42" wide.
- Pound for pound, CM models use less energy to produce ice than most cubers on the market.

NEW DESIGN CONCEPT — DEPENDABLE QUALITY

- Fewer moving parts, none under refrigeration.
- Field tested, proven reliability.
- Cubes are made on both sides of evaporator plates. No mechanical assist for harvest.
- Mechanical and freezer components accessible from the front.
- CM Cubers are stackable.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nesting characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.

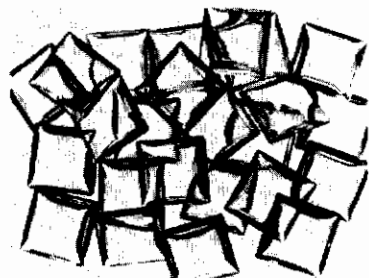
100% RUN TESTING — ASSURANCE

Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.



UNIQUE CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.

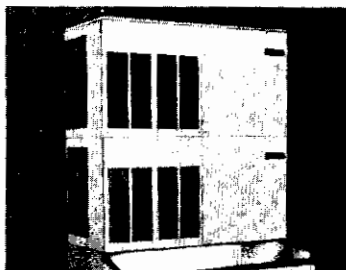
HIGH LIQUID DISPLACEMENT

Through the use of contour cubes instead of other cubes you can pour a 1¼ oz. shot of liquor rather than a 1½ oz. shot and still maintain the same liquor/mix ratio ... still give the same customer-pleasing drink.



ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest by gravity without moving parts.



ADD-ON ADVANTAGE

One cuber can be stacked on top of another to double ice production when demands increase. No expensive stacking kits or labor costs are required with the ADD-ON advantage.

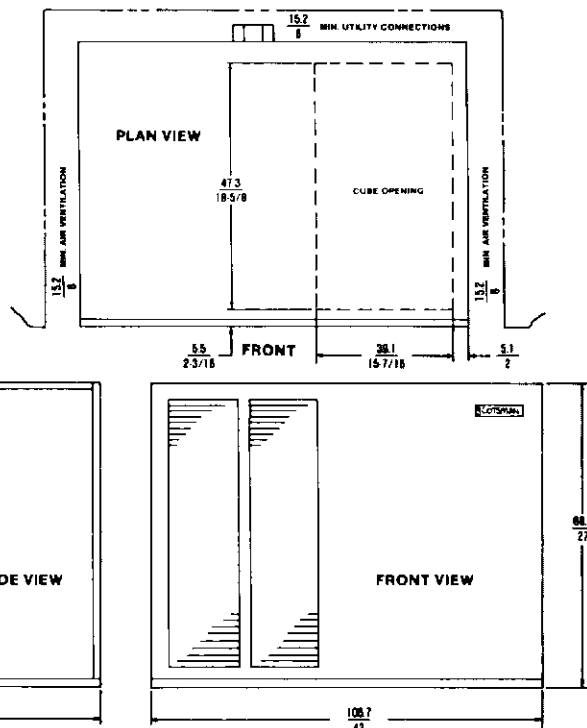
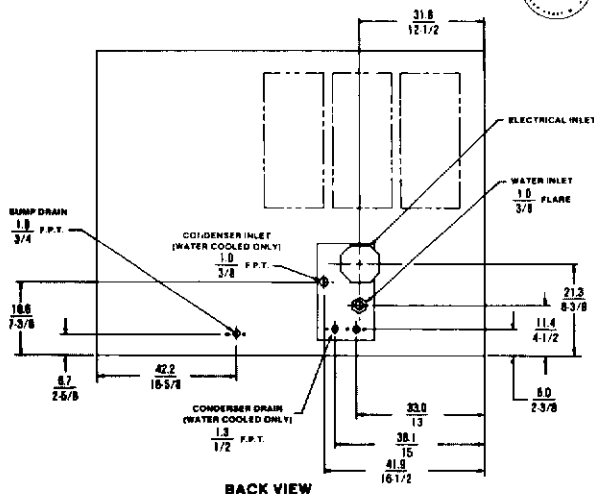
CM1000 MODULAR CUBER

INSTALLATION NOTE:
Allow 6" minimum space at sides and back for ventilation and utility connections.

These products qualify for these listings:



CENTIMETERS
INCHES



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
CM1000 "CONTOUR™ CUBE" MODULAR CUBER										20.4		
CM1000AE-32A	27 x 42 x 24	—	962	Contour	Air	ES	208-230/60/1	2½	2	10.2	20	284/128
CM1000WE-32A	27 x 42 x 24	—	920	Contour	Water	ES	208-230/60/1	2½	2	10.2	20	265/120
CM1000AE-3A	27 x 42 x 24	—	962	Contour	Air	ES	208-230/60/3	2½	3	10.2	20	284/128
CM1000WE-3A	27 x 42 x 24	—	920	Contour	Water	ES	208-230/60/3	2½	3	9.3	20	265/120

BH800 MODULAR BIN - Use with CM1000 MODULAR CUBER

BH800AE	44 x 42 x 31½	800	—	—	—	ES	—	—	—	—	—	177/80
BH800AS	44 x 42 x 31½	800	—	—	—	SS	—	—	—	—	—	186/84

BH1000 MODULAR BIN AND BIN TOP - Use with CM1000 MODULAR CUBER

BH1000AE	44 x 52 x 31½	1000	—	—	—	ES	—	—	—	—	—	219/99
BH1000AS	44 x 52 x 31½	1000	—	—	—	SS	—	—	—	—	—	230/104
KBT14	2 @ 1 x 7 x 24	—	—	—	—	SS	—	—	—	—	—	25/11

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (SS) Stainless Steel with Polyethylene liner.
† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

REFRIGERANT

Machine uses R502. Charge per nameplate rating.

AIR-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				
	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	962	868	745	615	lbs.
21°	451	394	338	281	kg.
90°	868	843	735	615	lbs.
32°	394	382	334	281	kg.
100°	791	755	657	557	lbs.
38°	358	342	298	257	kg.

WATER-COOLED

AIR TEMPERATURE	WATER TEMPERATURE				
	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	920	848	747	647	lbs.
21°	443	385	339	289	kg.
90°	952	832	732	632	lbs.
32°	432	377	332	282	kg.
100°	924	819	714	614	lbs.
38°	419	371	329	289	kg.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKCM1000 contains top, front, 2 end panels, and 1 service panel. Not factory installed.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN[®]

A HOUSEHOLD

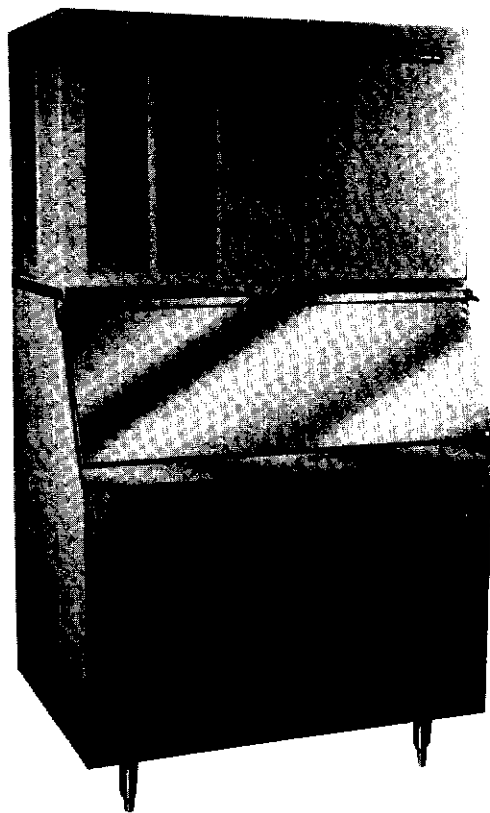
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INTERNATIONAL COMPANY

S-116-88

TELEX EASYLINK 62922027

Printed in U.S.A.



CM855 shown on BH800 Bin

SCOTSMAN
COMMERCIAL ICE SYSTEMS

C.S.I. FILE NO. 11400

CM855

Modular Contour Cuber

**VOLUME PRODUCTION —
LOWER OPERATING COSTS**

- Up to 800 lbs. of ice in 24 hours.
- An engineering breakthrough in ice systems design.
- Pound for pound, CM models use less energy to produce ice than most cubers on the market.

**NEW DESIGN CONCEPT —
DEPENDABLE QUALITY**

- Fewer moving parts, none under refrigeration.
- Field tested, proven reliability.
- Cubes are made on both sides of evaporator plates.
- Mechanical and freezer components accessible from the front.
- CM Cubers are stackable.

**THE CONTOUR CUBE SHAPE —
HANDLING EASE**

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.

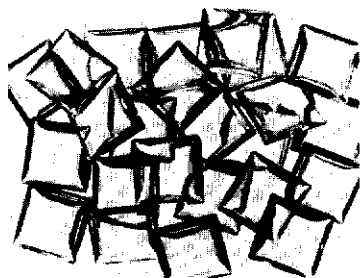
100% RUN TESTING — ASSURANCE

Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.



UNIQUE CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.

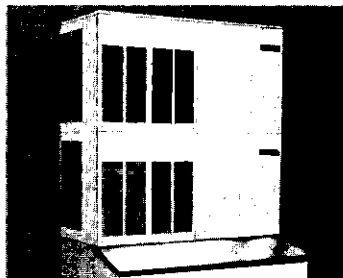
HIGH LIQUID DISPLACEMENT

Through the use of contour cubes instead of other cubes you can pour a 1¼ oz. shot of liquor rather than a 1½ oz. shot and still maintain the same liquor/mix ratio ... still give the same customer-pleasing drink.



ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest by gravity without moving parts.



ADD-ON ADVANTAGE

One cuber can be stacked on top of another to double ice production when demands increase. No expensive stacking kits or labor costs are required with the ADD-ON advantage.

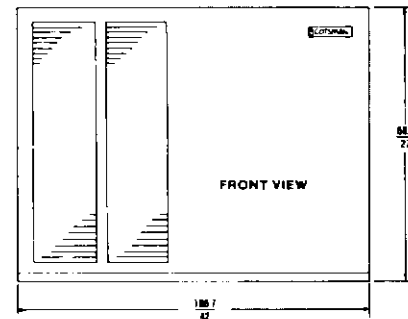
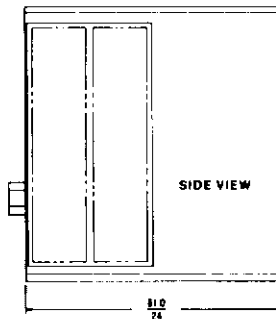
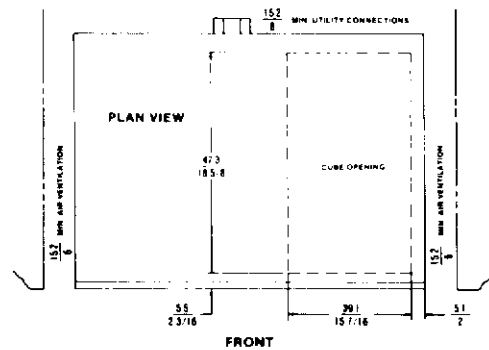
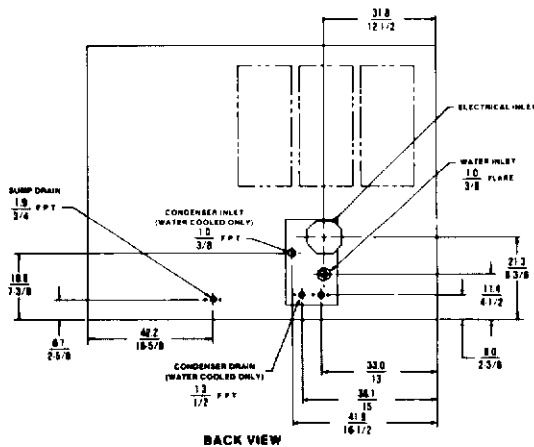
CM855 MODULAR CUBER

INSTALLATION NOTE:
Allow 6" minimum space at sides and back for ventilation and utility connections.

These products qualify for these listings:



CENTIMETERS
INCHES



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Amps- city †	Max. Fuse Size	Ship. Wt. lbs./kg.
CM855AE-32A	27 x 42 x 24	—	800	Contour	Air	ES	208-230/60/1	1 1/4	2	14.9	25	284/128
CM855WE-32A	27 x 42 x 24	—	769	Contour	Water	ES	208-230/60/1	1 1/4	2	14.2	25	265/120

SPKCM1000 Stainless Steel Panel Kit for CM855.

BH800 MODULAR BIN - Use with CM855 MODULAR CUBER

BH800AE	44 x 42 x 31 1/2	800	—	—	—	ES	—	—	—	—	—	186/84
BH800AS	44 x 42 x 31 1/2	800	—	—	—	SS	—	—	—	—	—	186/84

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (SS) Stainless Steel with polyethylene liner.
† Use this value to determine minimum wire size as per National Electric Code Standards.

BH1000 MODULAR BIN - Use with CM855 MODULAR CUBER

BH1000AE	44 x 52 x 31 1/2	1000	—	—	—	ES	—	—	—	—	—	219/99
BH1000AS	44 x 52 x 31 1/2	1000	—	—	—	SS	—	—	—	—	—	230/104
KBT14 Bin Top	1 x 7 x 24 2 Pieces	—	—	—	—	SS	—	—	—	—	—	25/11

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (SS) Stainless Steel Exterior with polyethylene liner.
† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

CM650A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	800	699	668	668	lbs.
21°	363	317	303	303	kg.
90°	683	623	606	606	lbs.
32°	310	283	275	275	kg.
100°	642	600	557	557	lbs.
38°	291	272	253	253	kg.

CM650W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	769	712	618	618	lbs.
21°	349	323	280	280	kg.
90°	770	702	613	613	lbs.
32°	349	318	278	278	kg.
100°	747	690	592	592	lbs.
38°	339	313	269	269	kg.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKCM1000 contains top, front, 2 end panels, and access panel. Not factory installed.

REFRIGERANT

Machine uses R502. Charge per nameplate rating.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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S-113-88

TELEX EASYLINK 62922027

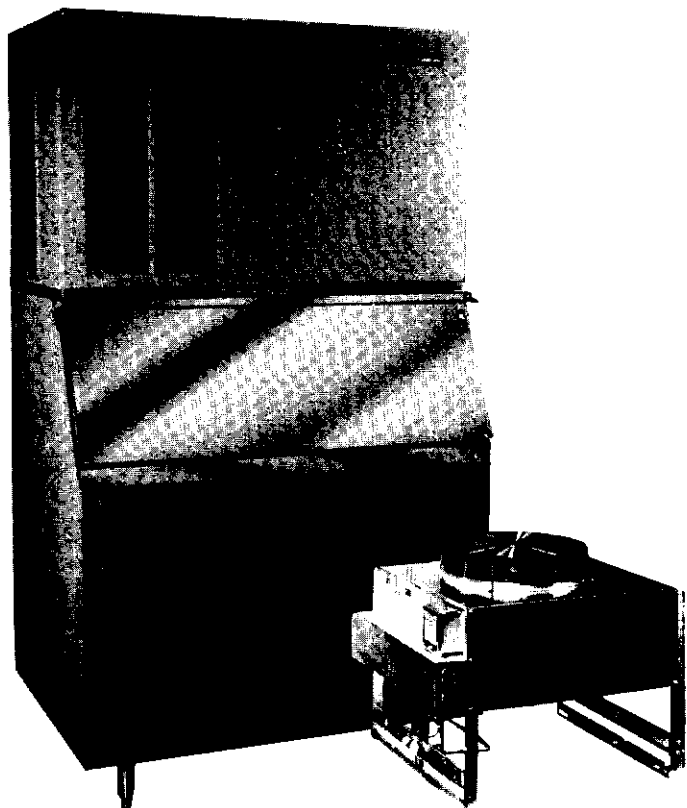
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SCOTSMAN
COMMERCIAL ICE SYSTEMS

C.S.I. FILE NO. 11400

CM855R

Modular
Contour Cuber
with Remote Condenser Flexibility



CM855R shown on BH800 Bin.

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 714 lbs. of ice in 24 hours.
- Only 42" wide.
- An engineering breakthrough in ice systems design.
- Pound for pound, CM models use less energy to produce ice than most cubers on the market.

NEW DESIGN CONCEPT — DEPENDABLE QUALITY

- Fewer moving parts.
None under refrigeration.
- Field tested, proven reliability.
- Cubes are made on both sides of evaporator plates.
- Mechanical and freezer components accessible from the front.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No Splashing, pour by hand or gun without spills.
- Highest possible displacement — nesting characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.
- CM Cubers are stackable.

REMOTE CONDENSER — FLEXIBILITY

- Operates in wide outdoor temperature range from -20° to 120° F.
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot pre-charged refrigerant lines with easy to install quick-connect couplings. Line sets are insulated.
- Unit includes: pump down cycle and crankcase heater to protect compressor.

WARRANTY — SATISFACTION

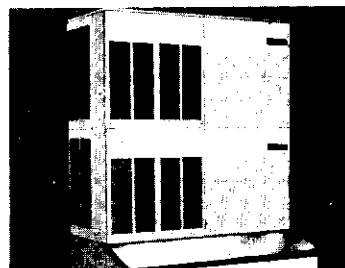
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.



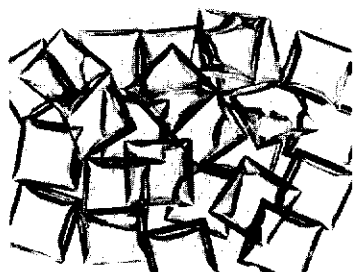
ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest individually by gravity without moving parts.



ADD-ON ADVANTAGE

One cuber can be stacked on top of another to double ice production when demands increase. No expensive stacking kits or labor costs are required with the ADD-ON advantage.



UNIQUE CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.

HIGH LIQUID DISPLACEMENT

Through the use of contour cubes instead of other cubes you can pour a 1¼ oz. shot of liquor rather than a 1½ oz. shot and still maintain the same liquor/mix ratio ... still give the same customer-pleasing drink.

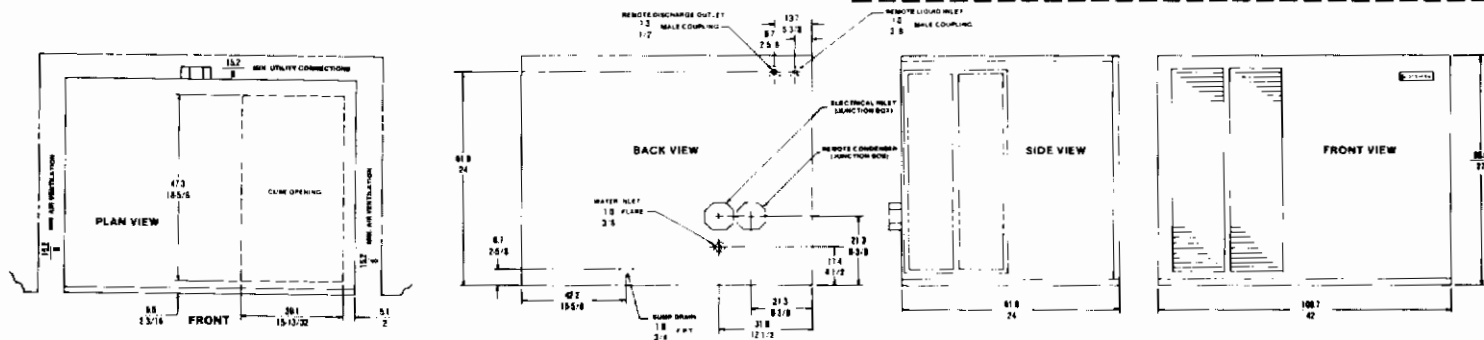
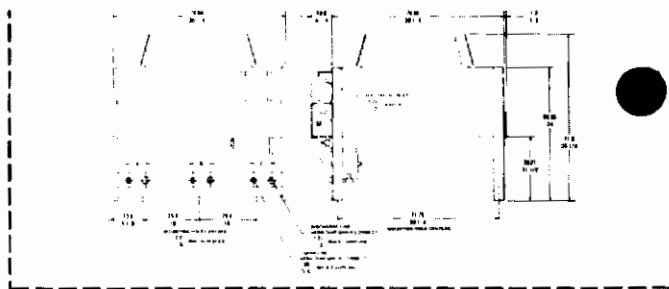
CM855R MODULAR CONTOUR CUBER WITH REMOTE CONDENSER FLEXIBILITY

INSTALLATION NOTE:
Allow 6" minimum space at sides and back for ventilation and utility connections.

These products qualify for these listings.



CENTIMETERS
INCHES



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
CM855 "CONTOUR™ CUBE" MODULAR CUBER												
CM855RE-32A	27 x 42 x 24	—	714	Contour	R-Air	ES	208-230/60/1	1 3/4	2	17	30	295/135

SPCKM1000 Stainless Steel Panel Kit for CM855R.

BH800 MODULAR BIN - Use with CM855 MODULAR CUBER

BH800AE	44 x 42 x 31 1/2	800	—	—	—	ES	—	—	—	—	—	186/84
BH800AS	44 x 42 x 31 1/2	800	—	—	—	SS	—	—	—	—	—	186/84

BH1000 MODULAR BIN - Use with CM855 MODULAR CUBER

BH1000AE	44 x 52 x 31 1/2	1000	—	—	—	ES	—	—	—	—	—	219/99
BH1000AS	44 x 52 x 31 1/2	1000	—	—	—	SS	—	—	—	—	—	230/104
KBT14 Bin Top	1 x 7 x 24 2 Pieces	—	—	—	—	SS	—	—	—	—	—	25/11

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (SS) Stainless Steel Exterior with polyethylene liner.

† Use this value to determine minimum wire size as per National Electric Code Standards.

REMOTE CONDENSER FOR USE WITH CM855R ICE MACHINE

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	For Use With	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
RC651-32B	28 1/4 x 30 1/4 x 35	(1) CM855R	Air	Galvanized	208-230/60/1	—	2■	2.0	—	143/65
RC652-32B	18 1/4 x 30 1/4 x 35	(1 or 2) CM855R	Air	Galvanized	208-230/60/1	—	2■	2.0	—	143/65

■ This value is included above in main ampacity for ice machine.

Fan relay kit KCMR230 required when connecting two CM855R's to one RC652-32B.

*ICE MAKING CAPACITY:

*Typical ice production in lbs./kgs. of ice per 24 hours.

		AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	0	70	55	714 lbs.
	C°	-17.8	21.1	12.8	371 kg.
NORMAL TEMPERATURE	F°	90	90	70	670 lbs.
	C°	32.2	32.2	21.1	348 kg.
HIGH TEMPERATURE	F°	110	90	80	501 lbs.
	C°	49.3	32.2	26.7	261 kg.

PRE-CHARGED REFRIGERANT TUBE KITS:

RT625 — 25 foot pre-charged with R502 Refrigerant tubing with connectors

RT640 — 40 foot pre-charged with R502 Refrigerant tubing with connectors

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKCM1000 contains top, front, 2 end panels, and access panel. Not factory installed.

REFRIGERANT

Machine uses R502.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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A HOUSEHOLD

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INTERNATIONAL COMPANY

TELEX EASYLINK 62922027

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SCOTSMAN

COMMERCIAL ICE SYSTEMS

CM850

Modular Contour Cuber

**VOLUME PRODUCTION —
LOWER OPERATING COSTS**

- Up to 600 lbs. of ice in 24 hours.
- An engineering breakthrough in ice systems design.
- Pound for pound, CM models use less energy to produce ice than any cuber on the market.
- KWH of electricity per 100 lbs. of ice cube production is lower than any other brand.

**NEW DESIGN CONCEPT —
DEPENDABLE QUALITY**

- Fewer moving parts, one under refrigeration.
- Field tested, proven reliability.
- Highest quality, all units are 100% factory tested before shipment.
- Mechanical and freezer components accessible from the front.
- CM Cubers are stackable.

**THE ULTIMATE CONTOUR
CUBE DESIGN**

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area.
- An ice scoop literally floats through Contour Cubes™ for amazing ease of handling.
- No hard-to-break-apart waffles or ice clusters because Contour Cubes™ remain loose from evaporator to user.

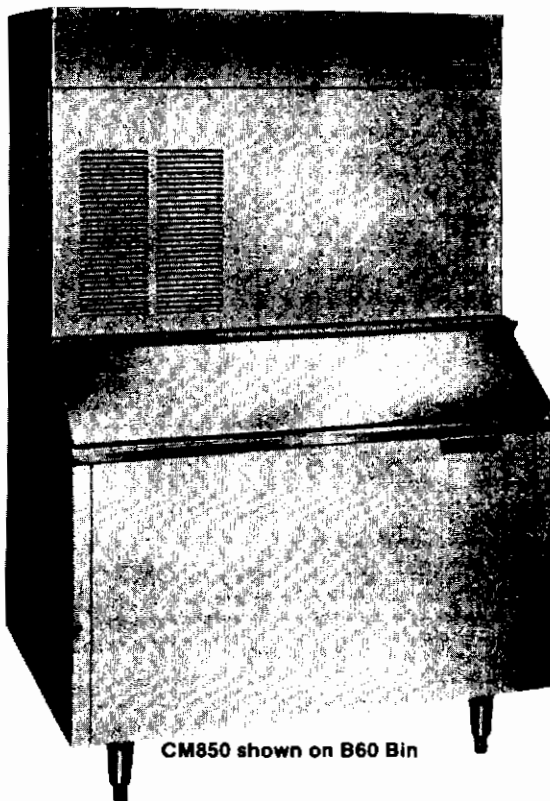
100% RUN TESTING — ASSURANCE

Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems are performing at peak efficiency.

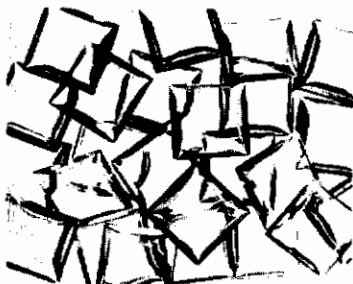
STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- Exclusive 60 Day Factory Labor.
- 24 Months on All Parts.
- 5 Years on Compressor.
- Toll free service hot line and full-time Service Engineers to handle customer service problems.
- Directory of Certified Service Dealers.



CM850 shown on B60 Bin



COMPLETELY DIFFERENT CUBE DESIGN

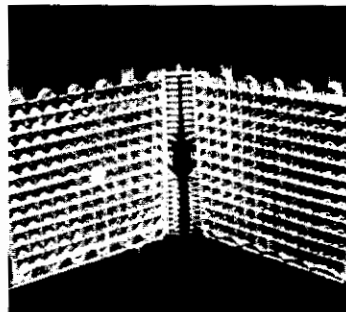
Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



CONTOUR

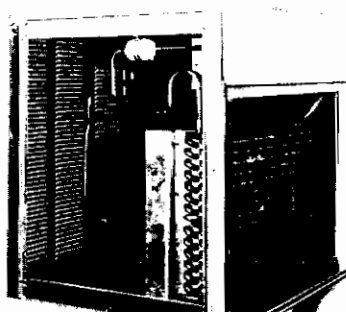
HIGH LIQUID DISPLACEMENT

Tested against two competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows that even the popular small, flat cube is no competition for the Scotsman Contour Cube™.



ENERGY EFFICIENT EVAPORATOR DESIGN

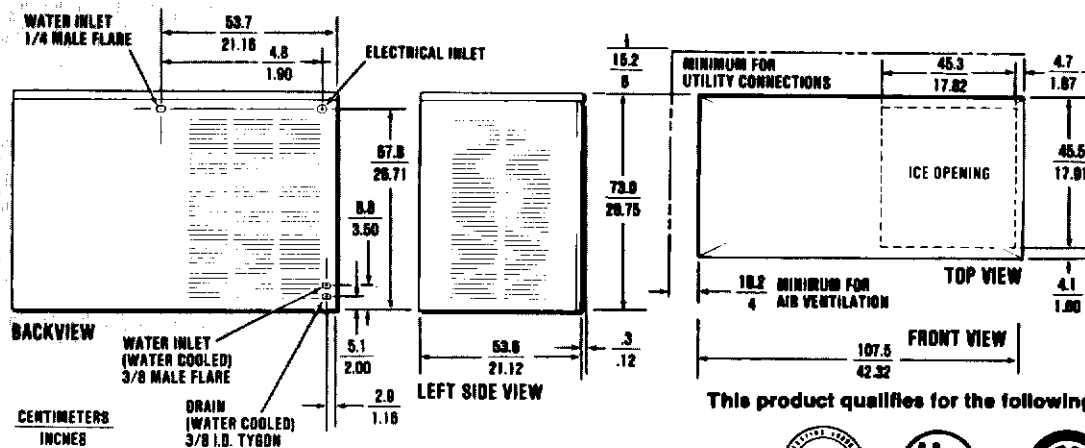
One set of freezing coils produces ice on both sides of each evaporator plate utilizing every kilowatt of energy to make cubes. Each harvest delivers cubes directly into the bin.



FRONT SERVICE ACCESS

Front access to working parts provides the fastest way possible to put the machine back into operation with the least amount of cost. Even stacked units can be serviced, in position, from the front.

CM850 MODULAR CONTOUR CUBER



INSTALLATION NOTE: Allow 6" minimum additional space at front, back and left side for ventilation and utility connections.



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	Run. Amps.	Max. Oper. Amps.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shpg. Wt. lbs./kg.
CM850AE-4A	28 3/4 x 42 5/16 x 21 1/4	—	600 lbs.	Cont.	Air	ES	115/230/60/1	1	6.5	13.0	3	16.7	20	253/141
CM850AE-9A	28 3/4 x 42 5/16 x 21 1/4	—	600 lbs.	Cont.	Air	ES	115/208-220/60/3	1	6.3	7.9	4	11.3	15	253/141
CM850AE-10A	28 3/4 x 42 5/16 x 21 1/4	—	600 lbs.	Cont.	Air	ES	115/208/60/1	1	9.7	14.6	3	18.4	20	253/141
CM850WE-4A	28 3/4 x 42 5/16 x 21 1/4	—	539 lbs.	Cont.	Water	ES	115/230/60/1	1	5.9	8.9	3	12.5	15	253/141
CM850WE-9A	28 3/4 x 42 5/16 x 21 1/4	—	539 lbs.	Cont.	Water	ES	115/208-220/60/3	1	6.5	9.9	4	10.3	15	253/141
CM850WE-10A	28 3/4 x 42 5/16 x 21 1/4	—	539 lbs.	Cont.	Water	ES	115/208/60/1	1	6.5	9.9	3	17.9	20	253/141

* (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish.
† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

CM850A AIR-COOLED

WATER TEMPERATURE	AIR TEMPERATURE				lbs. kg.
	70° 21°	50° 10°	70° 21°	90° 32°	
70° 21°	600 275	595 275	569 252	569 245	lbs. kg.
90° 32°	530 249	528 249	503 238	503 222	lbs. kg.
100° 38°	496 231	477 231	443 216	443 204	lbs. kg.

CM850W WATER-COOLED

WATER TEMPERATURE	AIR TEMPERATURE				lbs. kg.
	70° 21°	50° 10°	70° 21°	90° 32°	
70° 21°	539 244	545 244	545 247	556 252	lbs. kg.
90° 32°	550 249	562 249	540 255	540 245	lbs. kg.
100° 38°	545 247	545 247	520 247	520 236	lbs. kg.

STORAGE BIN

The CM850 stacks onto Scotsman Bin Models B60 B90 BH750.
See your Dealer for Bin Extensions.

We reserve the right to make product improvements at any time.
Specifications and design are subject to change without notice.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKCM850A contains top, front and 2 end panels. Not factory installed.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

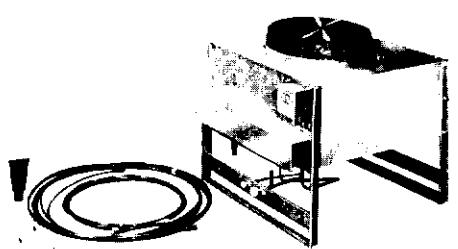
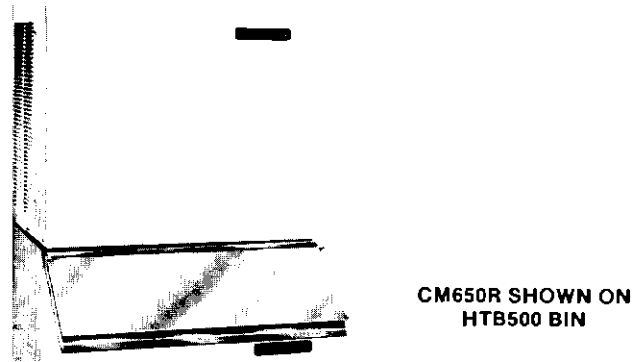
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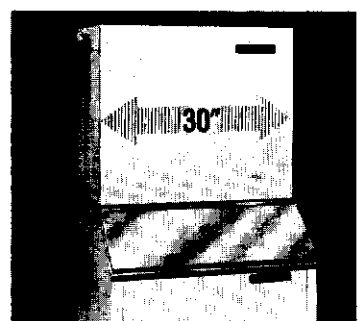
CM650R

**Slim Modular Contour
Cuber with Remote
Condenser Flexibility**



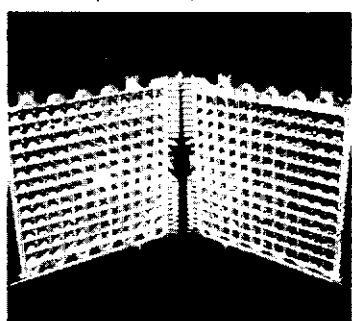
**TAKES THE HEAT OUT
OF ICEMAKING**

- Removes heat from work areas.
- Relieves burden on air conditioning.
- Greatly reduces energy use.
- Reduces noise.



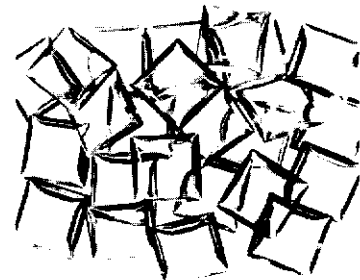
SLIM 30" WIDTH

Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.



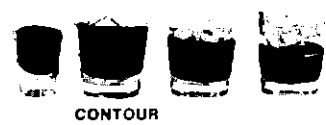
**ENERGY EFFICIENT
EVAPORATOR DESIGN**

One set of freezing coils produces individual cubes on both sides of the evaporator plate. Cuts energy costs. Cubes harvest by gravity without moving parts.



PATENTED CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bars, full service restaurants, or fast food operations.



**HIGH LIQUID
DISPLACEMENT**

Tested against two competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows you profit more with Scotsman Contour Cubes™.

**VOLUME PRODUCTION
LOWER OPERATING COSTS**

- Up to 560 lbs. of ice in 24 hours.
- Over 1,100 lbs. of ice daily in a space only 30" wide ... stacking two units.

NEW DESIGN CONCEPT —

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.

EASY TO SERVICE —

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hookups are external on rear panel.

**THE CONTOUR CUBE SHAPE —
HANDLING EASE**

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area.

REMOTE CONDENSER — FLEXIBILITY

- Operates in wide outdoor temperature range from -20° to 120° F.
- Offers a variety of single or dual unit installation possibilities.
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot pre-charged refrigerant lines with easy to install quick-connect couplings.

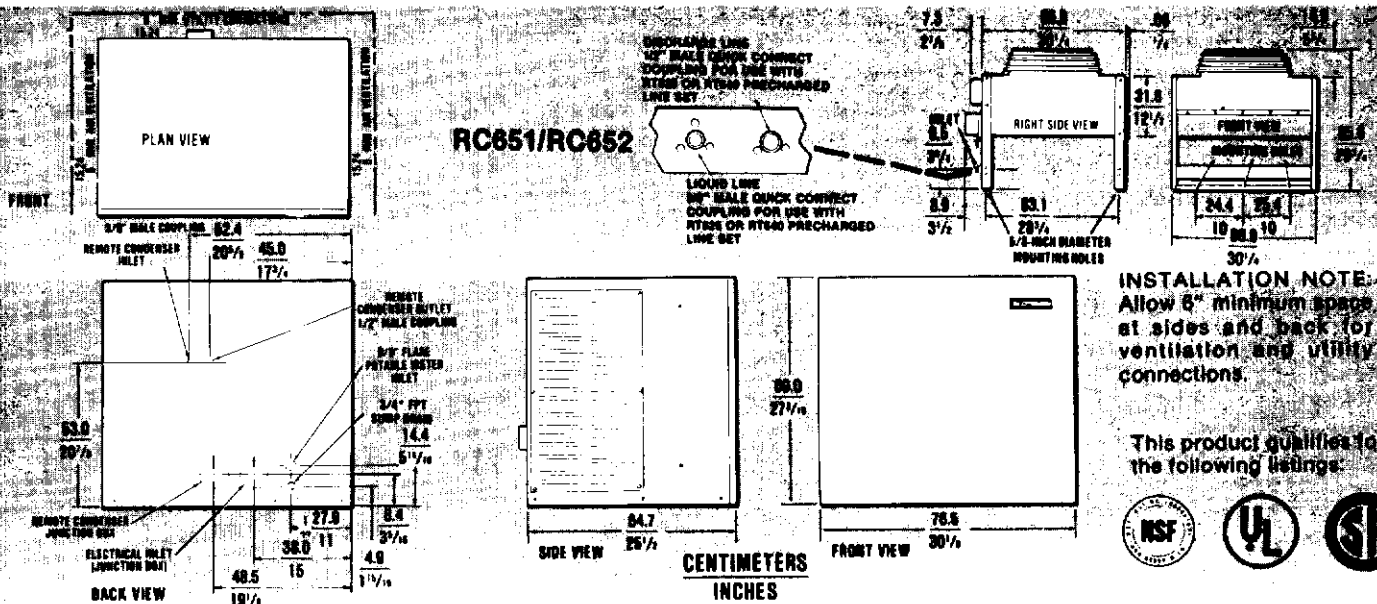
STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor Coverage.
- 24 Months on All Parts.
- 5 Years on Compressor & Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

CM650R SLIM MODULAR CONTOUR CUBER WITH REMOTE CONDENSER FLEXIBILITY



SPECIFICATIONS

Model Number	Dimensions (Height - w/o Legs) H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
CM650RE-3C	27 1/8 x 30 7/8 x 25 1/8	—	560 lbs.	Contour	R-Air	ES	208-230/60/3	1.75	3	10.0	15	222/101
CM650RE-32C	27 1/8 x 30 7/8 x 25 1/8	—	560 lbs.	Contour	R-Air	ES	208-230/60/1	1.00	2	20.8	35	222/101

BH500 AND HTB500 MODULAR BINS

BH500S ***	40 1/2 x 30 x 31 1/2	500 lbs.				SS						158/72
HTB500 ***	41 x 30 x 31 1/2	500 lbs.				HTB						140/64

BH1000 MODULAR BIN — Use with CM650

BH1000AE	44 x 52 x 31 1/2	1000 lbs.				ES						219/99
BH1000S	44 x 52 x 31 1/2	1000 lbs.				SS						230/104
BH1000AS	44 x 52 x 31 1/2	1000 lbs.				SS						230/104
KBT8 Bin Top	1 1/2 x 52 x 24		Use with 2-CM650's (Stacked)			ES SS						100/45

REMOTE CONDENSERS FOR USE WITH CM650R ICE MACHINES

Model Number	Dimensions (Height - w/o Legs) H" x W" x D"	For Use With	Cube Size	Finish **	Basic Electrical	Oper. H.P.	No. of Wires	Min. Circuit Ampacity †	Ship. Wt. lbs./kg.
RC651-32B	29 1/4 x 30 1/4 x 34	(1) CM650R	Air	Galvanized	208-230/60/1	—	2	2.0*	143/65
RC652-32B	29 1/4 x 30 1/4 x 34	(1 or 2) CM650R	Air	Galvanized	208-230/60/1	—	2	2.0*	144/65

** ES Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. SS Stainless Steel finish. HTB Linear high density polyethylene. Sandalwood color.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*** Machine overhangs bin approximately 1" at rear.

*ICE MAKING CAPACITY:

*Typical ice production in lbs./kgs. of ice per 24 hours.

		AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	0	70	55	560 lbs.
	C°	-17.8	21.1	12.8	254 kg.
NORMAL TEMPERATURE	F°	90	90	70	501 lbs.
	C°	32.2	32.2	21.1	227 kg.
HIGH TEMPERATURE	F°	110	90	80	437 lbs.
	C°	43.3	32.2	26.7	198 kg.

PRE-CHARGED REFRIGERANT TUBE KITS:

RT625 — 25 foot pre-charged with R502 Refrigerant tubing with connectors.

RT640 — 40 foot pre-charged with R502 Refrigerant tubing with connectors.

FAN RELAY KIT — KCMR230 required when connecting two CM650R's to one RC652-32B.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKCM650A contains top, front, 2 end and 2 service panels. Not factory installed.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

NOTE: This does not include the Remote Condenser. Remote Condensers are designed to operate in outdoor installations in a temperature range of -20° to +120° F.

REFRIGERANT

Machine uses R502.

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INTERNATIONAL COMPANY

AS-131

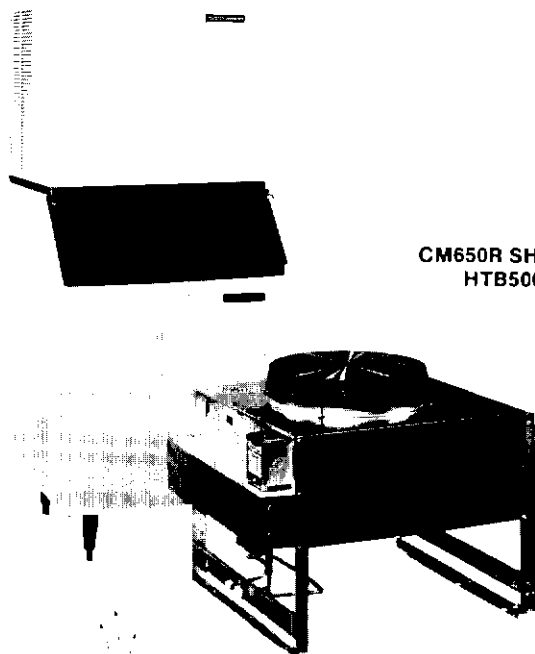
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SCOTSMAN**COMMERCIAL ICE SYSTEMS**

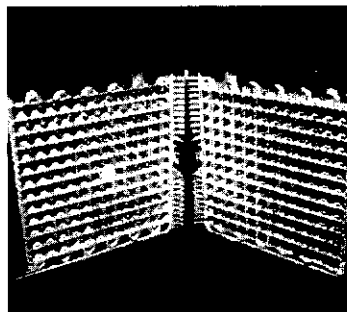
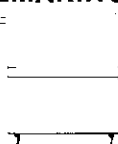
CM650R

Slim Modular Contour Cuber with Remote Condenser Flexibility

CM650R SHOWN ON
HTB500 BIN

TAKES THE HEAT OUT OF ICEMAKING

- Removes heat from work areas.
- Relieves burden on air conditioning.
- Greatly reduces energy use.
- Reduces noise.



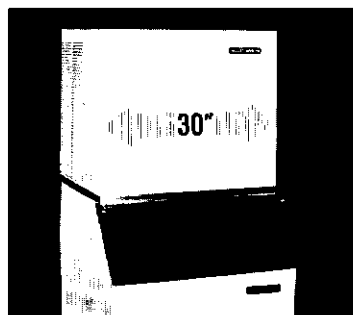
ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces individual cubes on both sides of the evaporator plate. Cuts energy costs. Cubes harvest by gravity without moving parts.



PATENTED CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bars, full service restaurants, or fast food operations.



SLIM 30" WIDTH

Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.

HIGH LIQUID DISPLACEMENT

Through the use of contour cubes instead of other cubes you can pour a 1¼ oz. shot of liquor rather than a 1½ oz. shot and still maintain the same liquor/mix ratio ... still give the same customer-pleasing drink.

VOLUME PRODUCTION LOWER OPERATING COSTS

- Up to 560 lbs. of ice in 24 hours.
- Over 1,100 lbs. of ice daily in a space only 30" wide ... stacking two units.

NEW DESIGN CONCEPT —

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.

EASY TO SERVICE —

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hookups are external on rear panel.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area.

REMOTE CONDENSER — FLEXIBILITY

- Operates in wide outdoor temperature range from -20° to 120° F.
- Offers a variety of single or dual unit installation possibilities.
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot pre-charged refrigerant lines with easy to install quick-connect couplings.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

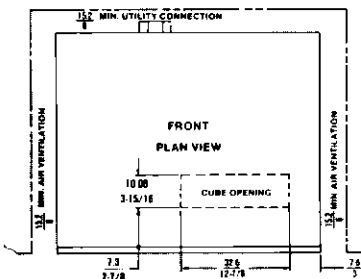
- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

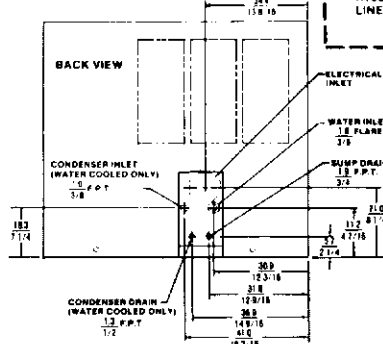
CM650R SLIM MODULAR CONTOUR CUBER WITH REMOTE CONDENSER FLEXIBILITY

INSTALLATION NOTE:
Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:



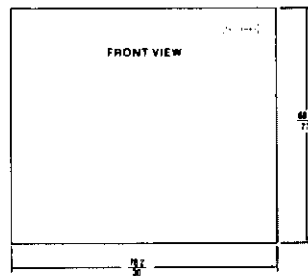
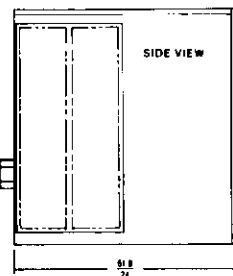
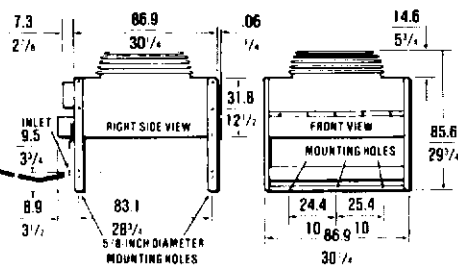
**CENTIMETERS
INCHES**



RC651/RC652

DISCHARGE LINE
1/2" MALE QUICK CONNECT COUPLING FOR USE WITH RT625 OR RT640 PRECHARGED LINE SET

LIQUID LINE
3/8" MALE QUICK CONNECT COUPLING FOR USE WITH RT625 OR RT640 PRECHARGED LINE SET



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
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CM650 "CONTOUR™ CUBE" MODULAR CUBER

CM650RE-32D	27 x 30 x 24	—	560	Contour	R-Air	ES	208-230/60/1	1	2	20.8	35	222/101
CM650RE-3D	27 x 30 x 24	—	560	Contour	R-Air	ES	208-230/60/3	1 1/4	3	10.0	15	222/101

HTB500 AND BH550 MODULAR BINS

HTB500	41 x 30 x 31 1/2	500 lbs.	—	—	—	HTB	—	—	—	—	—	140/64
BH550E	44 x 30 x 31 1/2	550 lbs.	—	—	—	ES	—	—	—	—	—	158/72
BH550S	44 x 30 x 31 1/2	550 lbs.	—	—	—	SS	—	—	—	—	—	158/72

BH800 MODULAR BIN - Use with CM650 MODULAR CUBER

BH800AE	44 x 42 x 31 1/2	800	—	—	—	ES	—	—	—	—	—	186/84
BH800AS	44 x 42 x 31 1/2	800	—	—	—	SS	—	—	—	—	—	186/84
KBT13 Bin Top	1 9/16 x 42 x 24	—	—	—	Use with CM650	SS	—	—	—	—	—	100/45

BH1000 MODULAR BIN - Use with CM650 MODULAR CUBER

BH1000AE	44 x 52 x 31 1/2	1000	—	—	—	ES	—	—	—	—	—	219/99
BH1000AS	44 x 52 x 31 1/2	1000	—	—	—	SS	—	—	—	—	—	230/104
KBT8A Bin Top	1 1/2 x 52 x 24	—	—	—	Use with one or 2-CM855's (Stacked)	SS	—	—	—	—	—	100/45

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (SS) Stainless Steel Exterior with polyethylene liner. (HTB) Linear high density polyethylene, Sandalwood color. † Use this value to determine minimum wire size as per National Electric Code Standards.

REMOTE CONDENSER FOR USE WITH CM650R ICE MACHINES

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	For Use With	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
RC651-32B	27 3/4 x 30 3/4 x 34	(1) CM650R	Air	Galvanized	208-230/60/1	—	2	2.0*	—	143/65
RC652-32B	29 3/4 x 30 3/4 x 34	(1 or 2) CM650R	Air	Galvanized	208-230/60/1	—	2	2.0*	—	144/65

*ICE MAKING CAPACITY:

*Typical ice production in lbs./kgs. of ice per 24 hours.

	F° C°	AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	0	70	55	560 lbs.
	C°	-17.8	21.1	12.8	254 kg.
NORMAL TEMPERATURE	F°	90	90	70	501 lbs.
	C°	32.2	32.2	21.1	227 kg.
HIGH TEMPERATURE	F°	110	90	80	437 lbs.
	C°	43.3	32.2	26.7	198 kg.

PRE-CHARGED REFRIGERANT TUBE KITS:

RT625 — 25 foot pre-charged with R502 Refrigerant tubing with connectors
RT640 — 40 foot pre-charged with R502 Refrigerant tubing with connectors.
FAN RELAY KIT—KCMR230 required when connecting two CM650R's to one RC652-32B

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN®

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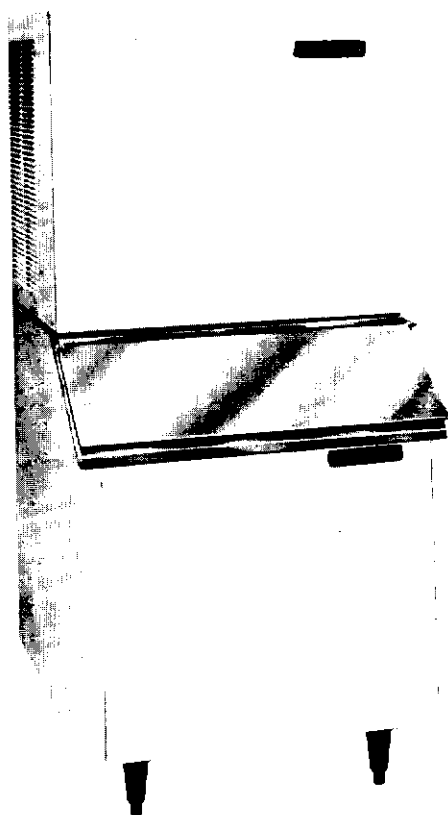
INTERNATIONAL COMPANY

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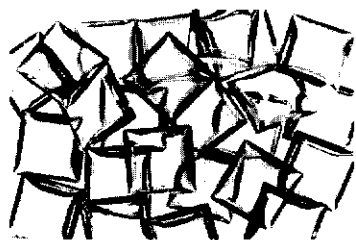
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SCOTSMAN
COMMERCIAL ICE SYSTEMS



CM650 SHOWN ON HTB500



UNIQUE CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bars, full service restaurants or fast food operations.



CONTOUR

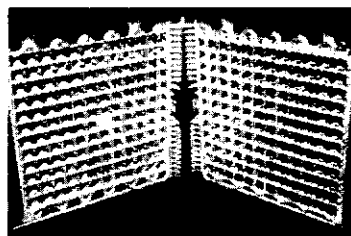
HIGH LIQUID DISPLACEMENT

Tested against competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows you profit more with Scotsman Contour Cubes™.



SLIM 30" WIDTH

Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.



ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces individual cubes on both sides of the evaporator plate. Cuts energy costs. Cubes harvest by gravity without moving parts.

CM650

Slim Modular Contour Cuber

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 630 lbs. of ice in 24 hours.
- Over 1,200 lbs. of ice daily in a space only 30" wide ... stacking two units.

PROVEN DESIGN CONCEPT

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.

EASY TO SERVICE

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hook-ups are external on rear panel.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area.

QUALITY ASSURANCE

Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

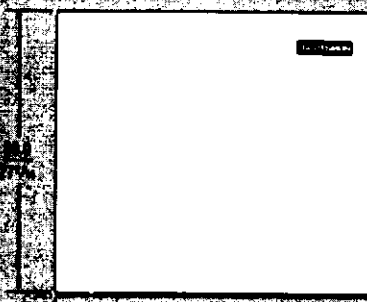
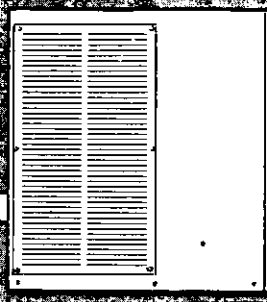
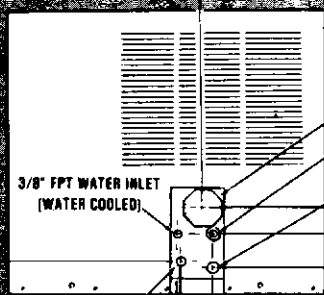
STRONGEST WARRANTY—SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor Coverage.
- 24 Months on All Parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

CM650 SLIM MODULAR CONTOUR CUBER



CENTIMETERS
INCHES

BACK VIEW

INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:



SPECIFICATIONS

Model	Dimensions (in)	Weight (lbs)	Material	Finish	Water Inlet	ES	ES	ES	ES	ES	ES	ES	ES	ES
CM650AE-3C	27 3/16 x 30 1/8 x 25 7/16	—	630 lbs.	Contour	Air	ES	ES	208-230/60/3	1 3/4	3	9.2	15	222/101	
CM650WE-3C	27 3/16 x 30 1/8 x 25 7/16	—	586 lbs.	Contour	Water	ES	ES	208-230/60/3	1 3/4	3	8.5	15	222/101	
CM650AE-32C	27 3/16 x 30 1/8 x 25 7/16	—	630 lbs.	Contour	Air	ES	ES	208-230/60/1	1.0	2	19.8	30	222/101	
CM650WE-32C	27 3/16 x 30 1/8 x 25 7/16	—	586 lbs.	Contour	Water	ES	ES	208-230/60/1	1.0	2	18.6	30	222/101	

BH500 AND HTB500 MODULAR BINS

BH500S ***	40 1/2 x 30 x 31 1/2	500 lbs.				SS								158/72
HTB500 ***	41 x 30 x 31 1/2	500 lbs.				HTB								140/64

BH1000 MODULAR BIN — Use with CM650

BH1000AE	44 x 52 x 31 1/2	1000 lbs.				ES								219/99
BH1000S	44 x 52 x 31 1/2	1000 lbs.				SS								230/104
BH1000AS	44 x 52 x 31 1/2	1000 lbs.				SS								230/104
KBT8 Bin Top	1 1/2 x 52 x 24		Use with 2-CM650's (Stacked)			ES								100/45

** ES Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. SS Stainless Steel finish. HTB Linear high density polyethylene. Sandalwood color.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*** Machine overhangs bin approximately 1" at rear.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

CM650A AIR-COOLED

		WATER TEMPERATURE				
		F°	50°	70°	90°	
		C°	10°	21°	32°	
AIR TEMPERATURE	70°	630	571	530	489	lbs.
	21°	596	539	500	460	kg.
	90°	530	502	451	410	lbs.
	32°	500	477	427	386	kg.
100°	447	419	396	373	lbs.	
38°	420	395	370	345	kg.	

Capacities are average test capacities and variances of ±5% are normal.

CM650W WATER-COOLED

		WATER TEMPERATURE				
		F°	50°	70°	90°	
		C°	10°	21°	32°	
AIR TEMPERATURE	70°	586	545	485	444	lbs.
	21°	555	515	455	414	kg.
	90°	564	535	462	429	lbs.
	32°	535	507	434	401	kg.
100°	548	525	449	426	lbs.	
38°	519	497	421	398	kg.	

OPTIONAL STAINLESS STEEL PANEL KIT

SPKCM650 contains top, front, 2 end and 2 service panels. Not factory installed.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

REFRIGERANT

Machine uses R502.

REMOTE

A remote air-cooled condenser version of this machine is available. Refer to spec sheet for CM650R.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

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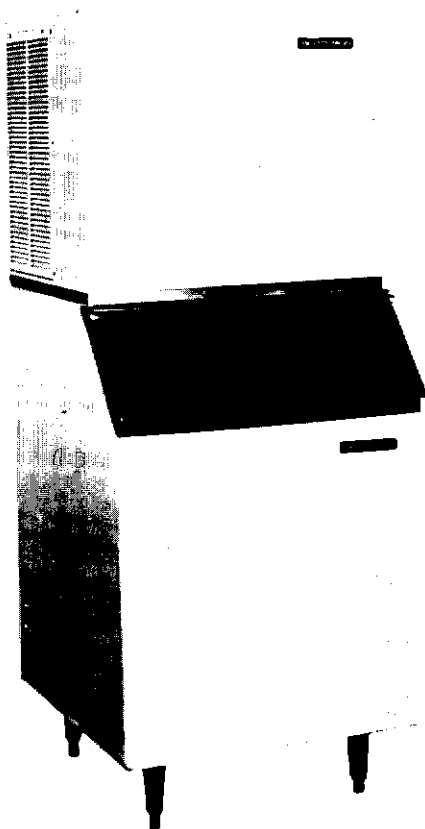
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AS-130

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CM650 SHOWN ON HTB500

CM650

Slim Modular Contour Cuber

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 630 lbs. of ice in 24 hours.
- Over 1,200 lbs. of ice daily in a space only 30" wide ... stacking two units.

PROVEN DESIGN CONCEPT

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.

EASY TO SERVICE

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hook-ups are external on rear panel.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area.

QUALITY ASSURANCE

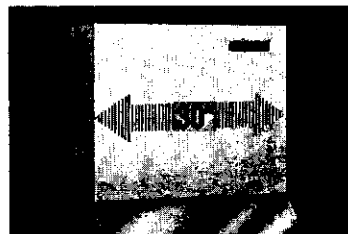
Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

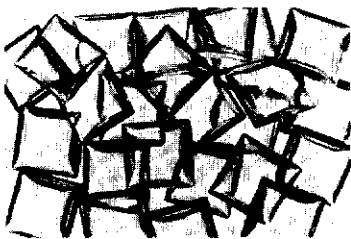
- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**



SLIM 30" WIDTH

Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.

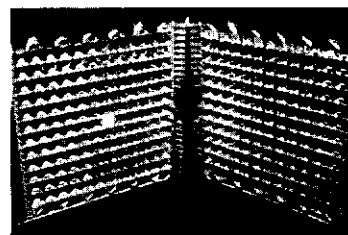


UNIQUE CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bars, full service restaurants or fast food operations.

HIGH LIQUID DISPLACEMENT

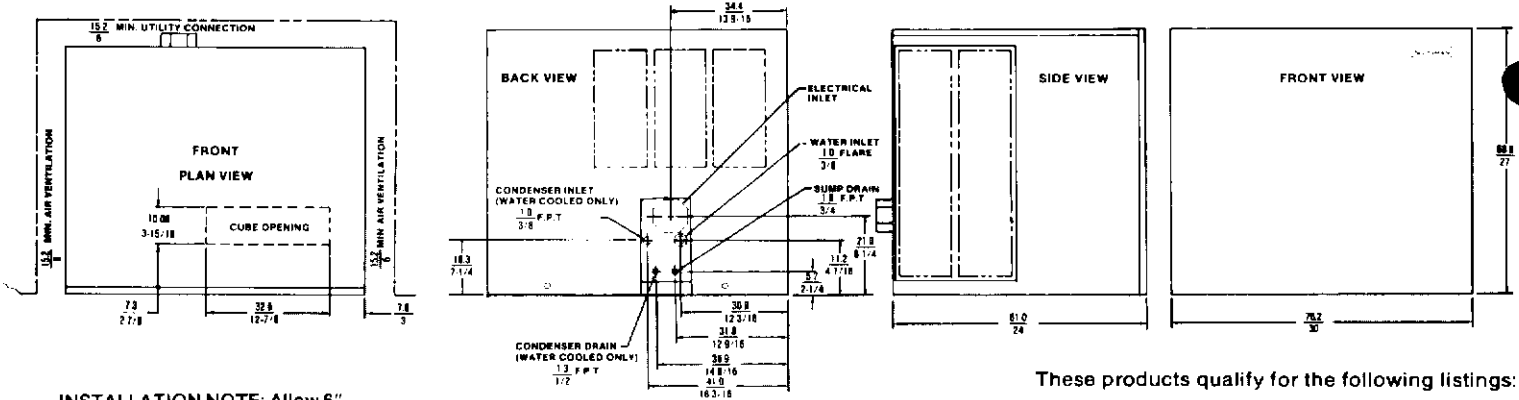
Through the use of contour cubes instead of other cubes you can pour a 1¼ oz. shot of liquor rather than a 1½ oz. shot and still maintain the same liquor/mix ratio ... still give the same customer-pleasing drink.



ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces individual cubes on both sides of the evaporator plate. Cuts energy costs. Cubes harvest by gravity without moving parts.

CM650 SLIM MODULAR CONTOUR CUBER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

These products qualify for the following listings:

CENTIMETERS
INCHES



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampa- city †	Max. Fuse Size	Ship. Wt. lbs./kg.
CM650 SLIM MODULAR CONTOUR CUBER												
CM650AE-32D	27 x 30 x 24	—	630 lbs.	Contour	Air	ES	208-230/60/1	1.0	2	19.8	30	222/101
CM650WE-32D	27 x 30 x 24	—	586 lbs.	Contour	Water	ES	208-230/60/1	1.0	2	18.6	30	222/101
CM650AE-3D	27 x 30 x 24	—	630 lbs.	Contour	Air	ES	208-230/60/3	1 1/4	3	9.2	15	222/101
CM650WE-3D	27 x 30 x 24	—	586 lbs.	Contour	Water	ES	208-230/60/3	1 1/4	3	8.5	15	222/101

HTB500 AND BH550 MODULAR BINS

HTB500	41 x 30 x 31 1/2	500 lbs.	—	—	—	HTB	—	—	—	—	—	140/64
BH550E	44 x 30 x 31 1/2	550 lbs.	—	—	—	ES	—	—	—	—	—	158/72
BH550S	44 x 30 x 31 1/2	550 lbs.	—	—	—	SS	—	—	—	—	—	158/72

BH800 MODULAR BIN - Use with CM650 MODULAR CUBER

BH800AE	44 x 42 x 31 1/2	800	—	—	—	ES	—	—	—	—	—	186/84
BH800AS	44 x 42 x 31 1/2	800	—	—	—	SS	—	—	—	—	—	186/84
KBT13 Bin Top	1 9/16 x 42 x 24	Use with One CM650 or Two Stacked				SS	—	—	—	—	—	100/45

BH1000 MODULAR BIN - Use with CM650 MODULAR CUBER

BH1000AE	44 x 52 x 31 1/2	1000	—	—	—	ES	—	—	—	—	—	219/99
BH1000AS	44 x 52 x 31 1/2	1000	—	—	—	SS	—	—	—	—	—	230/104
KBT8A Bin Top	1 1/2 x 52 x 24	Use with One or Two Stacked				SS	—	—	—	—	—	100/45

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (SS) Stainless Steel Exterior with polyethylene liner. (HTB) Linear high density polyethylene, Sandalwood color.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

CM650A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs. kg.				
	C°	10°	21°	32°					
70°	630	571	530	21°	286	259	240	240	kg.
90°	530	502	451	32°	240	227	206	206	kg.
100°	447	419	396	38°	203	190	179	179	kg.

Capacities are average test capacities and variances of ±5% are normal.

CM650W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs. kg.				
	C°	10°	21°	32°					
70°	586	545	485	21°	265	248	219	219	kg.
90°	564	535	462	32°	255	242	209	209	kg.
100°	548	525	449	38°	248	238	203	203	kg.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

REFRIGERANT

Machine uses R502.

REMOTE

A remote air-cooled condenser version of this machine is available. Refer to spec sheet for CM650R.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKCMD-1 contains top, front, 2 end and 2 service panels. Not factory installed.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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INTERNATIONAL COMPANY

S-110-88

TELEX EASYLINK 62922027

Printed in U.S.A.

SCOTSMAN

COMMERCIAL ICE SYSTEMS

CM500R

115 Volt Slim Modular Contour Cuber with Remote Condenser Flexibility

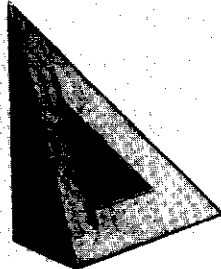


CM500R Shown on
HTB350 Bin

RC551
Condenser

**TAKES THE HEAT OUT
OF ICEMAKING**

- Removes heat from work areas.
- Relieves burden on air conditioning.
- Greatly reduces energy use.
- Reduces noise.



POLYURETHANE INSULATION

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.

BIN EXTERIOR

Molded high density polyethylene can't rust, chip or be dented. Excellent insulating qualities mean more efficient bin.

BIN INTERIOR

The high density polyethylene bin is sanitary and easy to clean. Resists scratches and scuffs from ice scoops. Insulation preserves cube shape and size.

VOLUME ICE STORAGE

For volume ice storage, mount a CM500 or CM650 Contour Cuber on top of the HTB500 bin. The low profile and large access door featured on the HTB500 bin offers fast convenient ice removal.

VOLUME PRODUCTION LOWER OPERATING COSTS

- Up to 452 lbs. of ice in 24 hours.
- Over 900 lbs. of ice daily in a space only 30" wide ... stacking two units.

NEW DESIGN CONCEPT DEPENDABLE QUALITY

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.

EASY TO SERVICE —

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hookups are external on rear panel.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage space.

REMOTE CONDENSER — FLEXIBILITY

- Operates in wide outdoor temperature range from -20° to 120° F.
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot pre-charged refrigerant lines with easy to install quick-connect couplings.

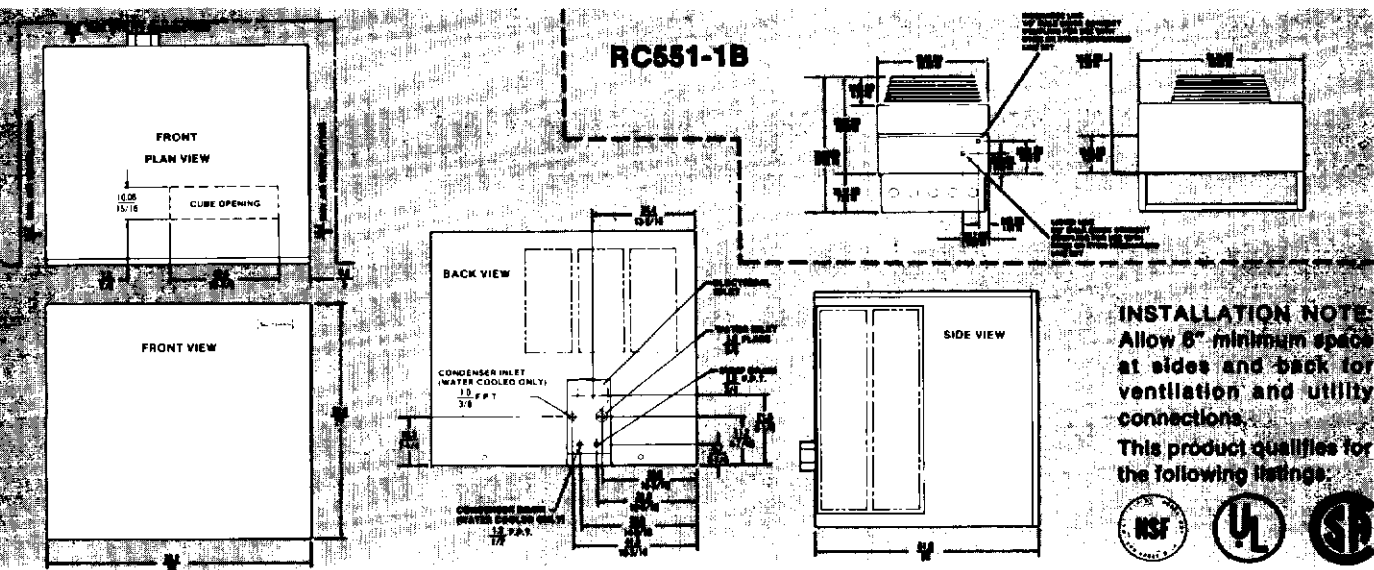
STRONGEST WARRANTY—SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor Coverage.
- 24 Months on All Parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

CM500R SLIM MODULAR CONTOUR CUBER WITH REMOTE CONDENSER FLEXIBILITY



SPECIFICATIONS

Model Number	Dimensions (H x W x D)	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cubed Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Amps. 1	Max. Fuse Size	Ship. Wt. lbs./kg.
CM500RE-1D	27 x 30 x 24	—	452 lbs.	Contour	R-Air	ES	115/60/1	3/4	2	28.1	30	214/97

HTB350, BH500S and HTB500 Modular Bins — Use with CM500

HTB350	29 1/2 x 30 x 31 1/2	350 lbs.				HTB						120/55
BH500S	40 1/2 x 30 x 31 1/2	500 lbs.				SS						158/72
HTB500	41 x 30 x 31 1/2	500 lbs.				HTB						140/64

REMOTE CONDENSER FOR USE WITH CM500R ICE MACHINES

Model	Dimensions (H x W x D)	For Use With	Cond. Unit	Finish	Basic Electrical	Oper. H.P.	No. of Wires	Min. Circuit Amps. 1	Max. Fuse Size	Ship. Wt. lbs./kg.
RC551-1B	27 1/16 x 22 x 37 1/16	(1) CM500R	Air	Galvanized	115/60/1	1/10	2	4.1		84/38

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (HTB) Linear High Density Polyethylene - Sandalwood color. (SS) Stainless Steel.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

		AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	20	70	55	452 lbs.
	C°	6.66	21.1	12.8	205 kg.
NORMAL TEMPERATURE	F°	90	90	70	390 lbs.
	C°	32.2	32.2	21.1	177 kg.
HIGH TEMPERATURE	F°	110	90	80	342 lbs.
	C°	43.3	32.2	26.7	155 kg.

PRE-CHARGED REFRIGERANT TUBE KITS:

RT625 — 25 foot pre-charged with R502 Refrigerant tubing with connectors.
RT640 — 40 foot pre-charged with R502 Refrigerant tubing with connectors.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKCMD-1 contains top, front, 2 end and 2 service panels. Not factory installed.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installations where air temperatures fall below 50° F. or exceed 100° F.; nor where water temperatures fall below 40° F. or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

NOTE: This does not include the Remote Condenser. Remote Condensers are designed to operate in outdoor installations in a temperature range of -20° to +120° F.

REFRIGERANT

Machine uses R502. Charge per nameplate rating.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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AS-121

SCOTSMAN

COMMERCIAL ICE SYSTEMS

CM500R

115 Volt Slim Modular Contour Cuber with Remote Condenser Flexibility

VOLUME PRODUCTION LOWER OPERATING COSTS

- Up to 452 lbs. of ice in 24 hours.
- Over 900 lbs. of ice daily in a space only 30" wide ... stacking two units.

NEW DESIGN CONCEPT DEPENDABLE QUALITY

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.

EASY TO SERVICE —

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hookups are external on rear panel.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage space.

REMOTE CONDENSER — FLEXIBILITY

- Operates in wide outdoor temperature range from -20° to 120° F.
- Fan motor operates from icemaker electrical supply.
- Choice of 25 foot or 40 foot pre-charged refrigerant lines with easy to install quick-connect couplings.

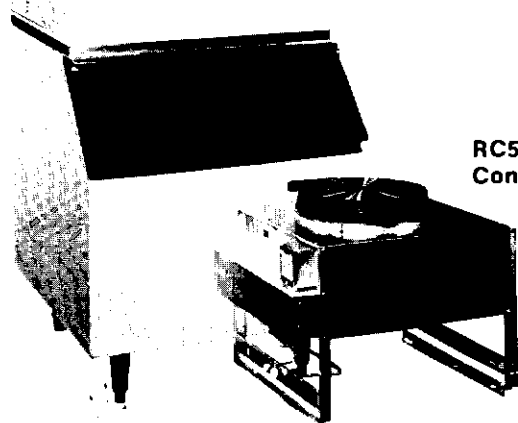
WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

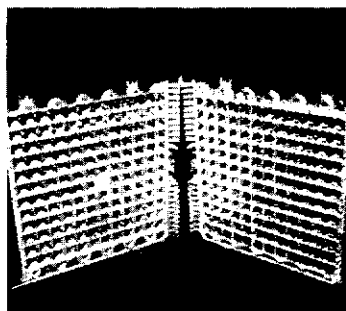
CM500R Shown on
HTB350 Bin



RC551
Condenser

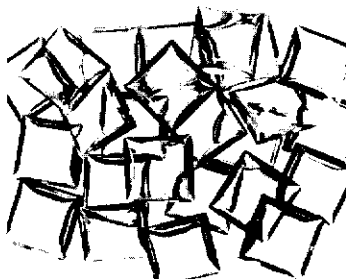
TAKES THE HEAT OUT OF ICEMAKING

- Removes heat from work areas.
- Relieves burden on air conditioning.
- Greatly reduces energy use.
- Reduces noise.



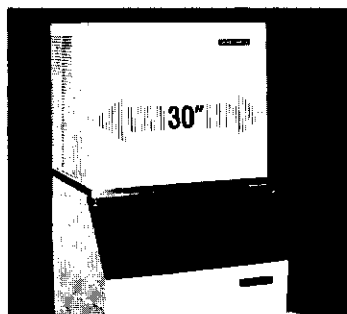
ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces individual cubes on both sides of the evaporator plate. Cuts energy costs. Cubes harvest by gravity without moving parts.



PATENTED CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bars, full service restaurants, or fast food operations.



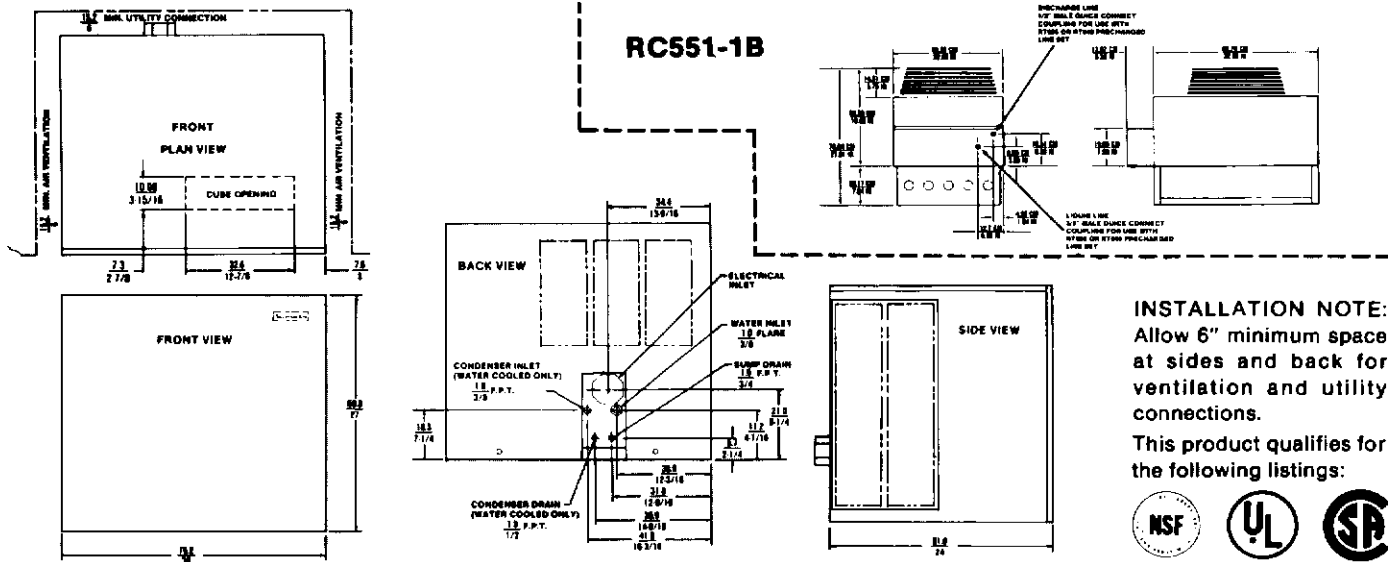
SLIM 30" WIDTH

Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.

HIGH LIQUID DISPLACEMENT

Through the use of contour cubes instead of other cubes you can pour a 1¼ oz. shot of liquor rather than a 1½ oz. shot and still maintain the same liquor/mix ratio ... still give the same customer-pleasing drink.

CM500R SLIM MODULAR CONTOUR CUBER WITH REMOTE CONDENSER FLEXIBILITY



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
CM500RE-1C	27 x 30 x 24	—	452 lbs.	Contour	R-Air	ES	115/60/1	3/4	2	28.1	30	214/97

HTB350, HTB500 and BH550 Modular Bins — Use with CM500

HTB350	29 1/2 x 30 x 31 1/2	350 lbs.				HTB						120/55
HTB500	41 x 30 x 31 1/2	500 lbs.				HTB						140/64
BH550E	44 x 30 x 31 1/2	550 lbs.				ES						158/72
BH550S	44 x 30 x 31 1/2	550 lbs.				SS						158/72

REMOTE CONDENSER FOR USE WITH CM500R ICE MACHINES

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	For Use With	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
RC551-1B	27 1/16 x 22 x 37 1/16	(1) CM500R	Air	Galvanized	115/60/1	1/10	2	4.1		84/38

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (HTB) Linear High Density Polyethylene - Sandalwood color. (SS) Stainless Steel with polyethylene liner.

† Use this value to determine minimum wire size as per National Electric Code Standards.

ICE MAKING CAPACITY:

Typical ice production in lbs./kgs. of ice per 24 hours.

		AMBIENT TEMPERATURE			ICE PRODUCTION
		COND. AIR	INDOOR	WATER	
LOW TEMPERATURE	F°	20	70	55	452 lbs.
	C°	6.66	21.1	12.8	205 kg.
NORMAL TEMPERATURE	F°	90	90	70	390 lbs.
	C°	32.2	32.2	21.1	177 kg.
HIGH TEMPERATURE	F°	110	90	80	342 lbs.
	C°	43.3	32.2	26.7	155 kg.

PRE-CHARGED REFRIGERANT TUBE KITS:

RT625 — 25 foot pre-charged with R502 Refrigerant tubing with connectors.
RT640 — 40 foot pre-charged with R502 Refrigerant tubing with connectors.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKCMD-1 contains top, front, 2 end and 2 service panels. Not factory installed.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installations where air temperatures fall below 50° F. or exceed 100° F; nor where water temperatures fall below 40° F. or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

NOTE: This does not include the Remote Condenser. Remote Condensers are designed to operate in outdoor installations in a temperature range of -20° to +120° F.

REFRIGERANT

Machine uses R502. Charge per nameplate rating.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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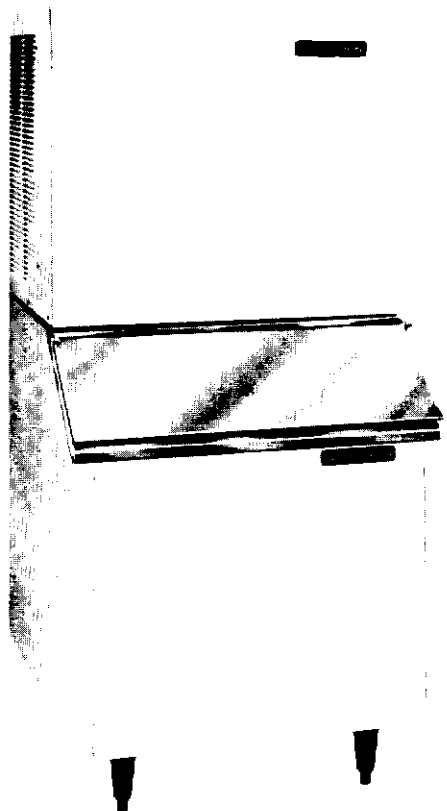
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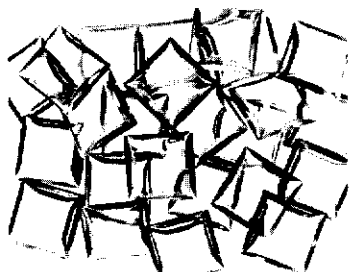
COMMERCIAL ICE SYSTEMS

CM500

115 Volt Slim Modular Contour Cuber



CM500 SHOWN ON HTB350 BIN



UNIQUE CUBE DESIGN

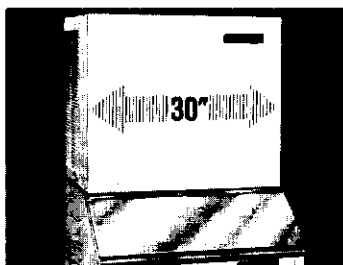
Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bars, full service restaurants or fast food operations.



CONTOUR

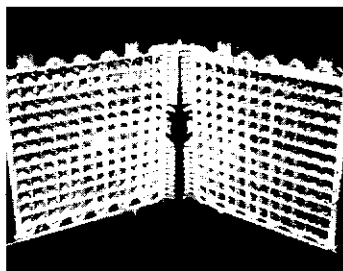
HIGH LIQUID DISPLACEMENT

Tested against competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows you profit more with Scotsman Contour Cubes™.



SLIM 30" WIDTH

Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.



ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces individual cubes on both sides of the evaporator plate. Cuts energy costs. Cubes harvest by gravity without moving parts.

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 505 lbs. of ice in 24 hours.
- Over 1,000 lbs. of ice daily in a space only 30" wide ... stacking two units.

NEW DESIGN CONCEPT —

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.

EASY TO SERVICE —

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hook-ups are external on rear panel.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area.

QUALITY ASSURANCE

Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

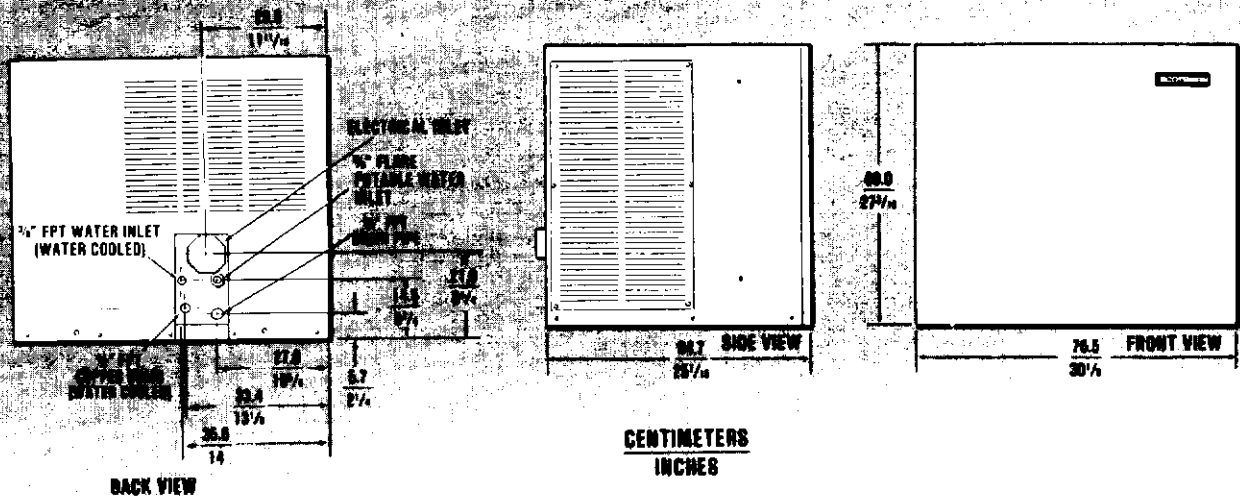
STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN ... WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

CM500 115V SLIM MODULAR CONTOUR CUBER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:



SPECIFICATIONS

Model	Dimensions (in)	Net Wt. (lbs)	Cube Size	Cond. Type	Finish	Base Electrical	Comp. H.P.	No. of Wires	Min. Circuit Amp. †	Max. Fuse Size	Ship. Wt. (lbs./kg)
CM500AE-1C	27 1/2 x 30 3/4 x 25 7/16	470 lbs.	Contour	Air	ES	115/60/1	3/4	2	29.5	30	214/97
CM500WE-1C	27 1/2 x 30 3/4 x 25 7/16	505 lbs.	Contour	Water	ES	115/60/1	3/4	2	28.1	30	214/97

HTB350, BH500S and HTB500 Modular Bins — Use with CM500

HTB350 ***	29 1/2 x 30 x 31 1/2	350 lbs.			HTB						120/55
BH500S ***	40 1/2 x 30 x 31 1/2	500 lbs.			SS						158/72
HTB500 ***	41 x 30 x 31 1/2	500 lbs.			HTB						140/64

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (HTB) Linear High Density Polyethylene - Sandalwood color.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*** Machine overhangs bin approximately 1" at rear.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

CM500A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				lbs.
	F°	50°	70°	90°	
70°	470	445	395		
90°	366	350	293		
100°	310	291	242		

CM500W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				lbs.
	F°	50°	70°	90°	
70°	505	460	395		
90°	470	430	366		
100°	453	415	356		

Capacities are average test capacities and variances of ± 5% are normal.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKCM650A contains top, front, 2 end and 2 service panels. Not factory intalled.

REMOTE

A remote air-cooled condenser version of this machine is available. Refer to spec sheet for CM500R.

REFRIGERANT R502
Charge per nameplate rating.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F., or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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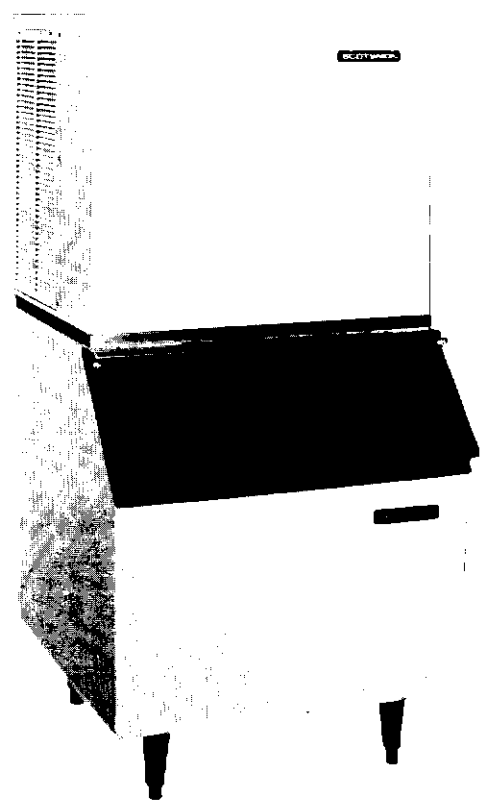
COMMERCIAL ICE SYSTEMS

CM500

115 Volt

Slim Modular

Contour Cuber



CM500 SHOWN ON HTB350 BIN

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 505 lbs. of ice in 24 hours.
- Over 1,000 lbs. of ice daily in a space only 30" wide ... stacking two units.

NEW DESIGN CONCEPT —

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.

EASY TO SERVICE —

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hook-ups are external on rear panel.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area.

QUALITY ASSURANCE

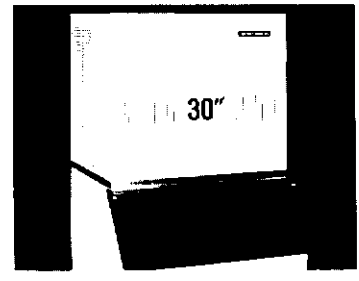
Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

WARRANTY — SATISFACTION

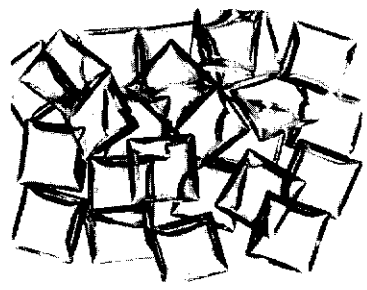
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN ... WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

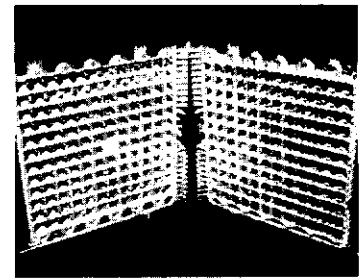


SLIM 30" WIDTH
Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.



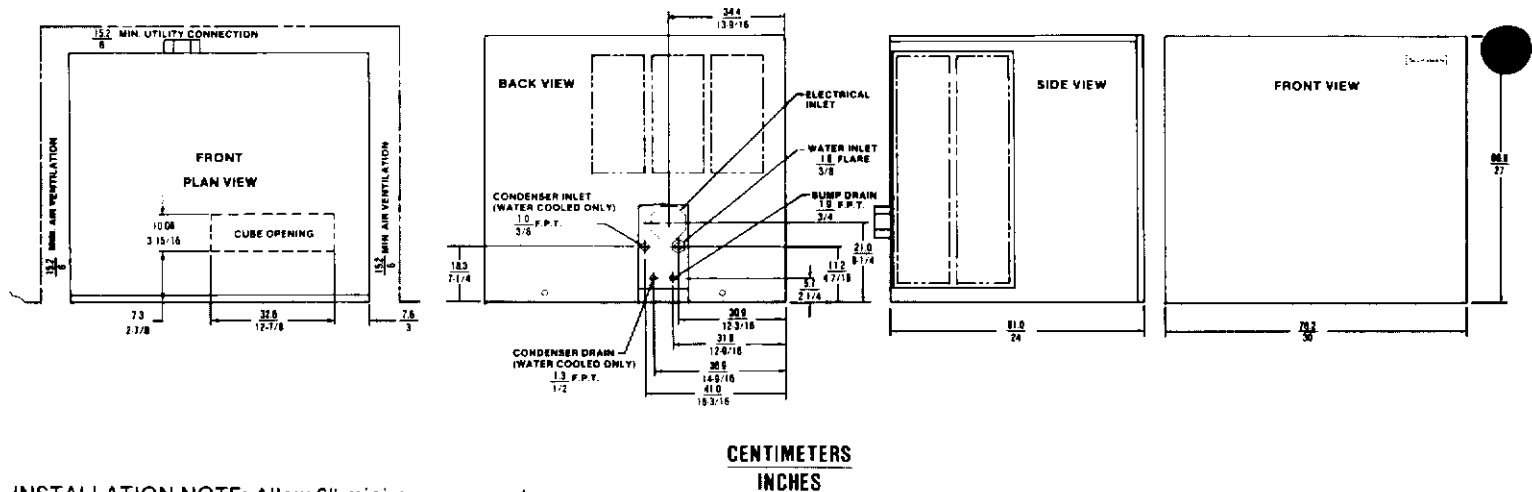
UNIQUE CUBE DESIGN
Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bars, full service restaurants or fast food operations.

HIGH LIQUID DISPLACEMENT
Through the use of contour cubes instead of other cubes you can pour a 1 1/4 oz. shot of liquor rather than a 1 1/2 oz. shot and still maintain the same liquor/mix ratio ... still give the same customer-pleasing drink.



ENERGY EFFICIENT EVAPORATOR DESIGN
One set of freezing coils produces individual cubes on both sides of the evaporator plate. Cuts energy costs. Cubes harvest by gravity without moving parts.

CM500 115V SLIM MODULAR CONTOUR CUBER



CENTIMETERS
INCHES

INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.



These products qualify for the following listings:

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shp. Wt. lbs./kg.
CM500AE-1D	27 x 30 x 24	—	470 lbs.	Contour	Air	ES	115/60/1	3/4	2	29.5	30	214/97
CM500WE-1D	27 x 30 x 24	—	505 lbs.	Contour	Water	ES	115/60/1	3/4	2	28.1	30	214/97

HTB350, HTB500 and BH550 Modular Bins — Use with CM500

HTB350	29 1/2 x 30 x 31 1/2	350 lbs.				HTB						120/55
HTB500	41 x 30 x 31 1/2	500 lbs.				HTB						140/64
BH550E	44 x 30 x 31 1/2	550 lbs.				ES						158/72
BH550S	44 x 30 x 31 1/2	550 lbs.				SS						158/72

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (HTB) Linear High Density Polyethylene - Sandalwood color. (SS) Stainless Steel with polyethylene liner.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

CM500A AIR-COOLED

AIR TEMPERATURE		WATER TEMPERATURE				lbs.	kg.
		F°	50°	70°	90°		
C°	10°	21°	32°				
70°	470	445	395				
21°	213	201	179				
90°	366	350	293				
32°	166	158	132				
100°	310	291	242				
38°	140	131	109				

CM500W WATER-COOLED

AIR TEMPERATURE		WATER TEMPERATURE				lbs.	kg.
		F°	50°	70°	90°		
C°	10°	21°	32°				
70°	505	460	395				
21°	229	208	179				
90°	470	430	366				
32°	213	195	166				
100°	453	415	356				
38°	205	188	161				

Capacities are average test capacities and variances of ± 5% are normal.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKCMD-1 contains top, front, 2 end and 2 service panels. Not factory installed.

REMOTE

A remote air-cooled condenser version of this machine is available. Refer to spec sheet for CM500R.

REFRIGERANT R502

Charge per nameplate rating.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F., or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



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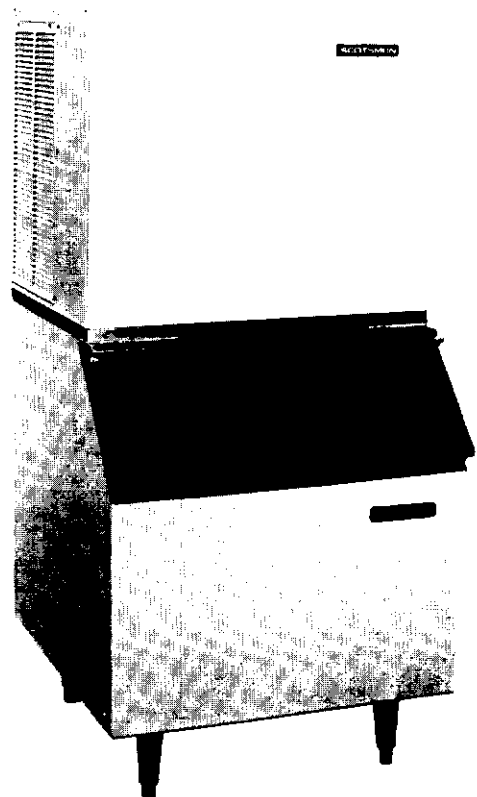
TELEX EASYLINK 62922027

S-107-88

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SCOTSMAN

COMMERCIAL ICE SYSTEMS



CM450 shown on HTB350 Bin

CM450

Slim Modular Contour Cuber

VOLUME PRODUCTION

- Up to 368 lbs. of ice in 24 hours.
- An engineering breakthrough in ice systems design.

PROVEN DESIGN CONCEPT — DEPENDABLE QUALITY

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.
- Mechanical and freezer components accessible from the front.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.

100% RUN TESTING — ASSURANCE

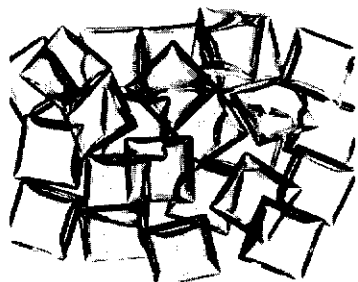
Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN ... WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**



UNIQUE CUBE DESIGN

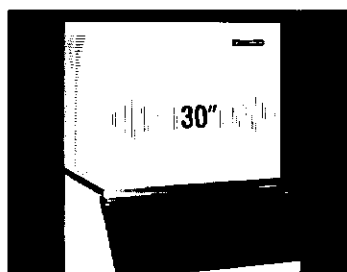
Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bar, restaurant, or fast food operations.



CONTOUR

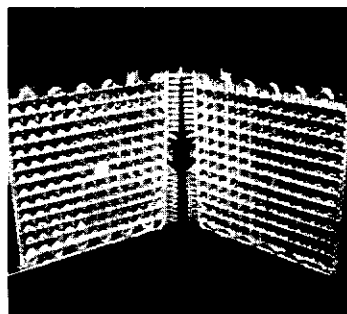
HIGH LIQUID DISPLACEMENT

Tested against two competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows that even the small, flat cube is no competition for the Scotsman Contour Cube™.



SLIM 30" WIDTH

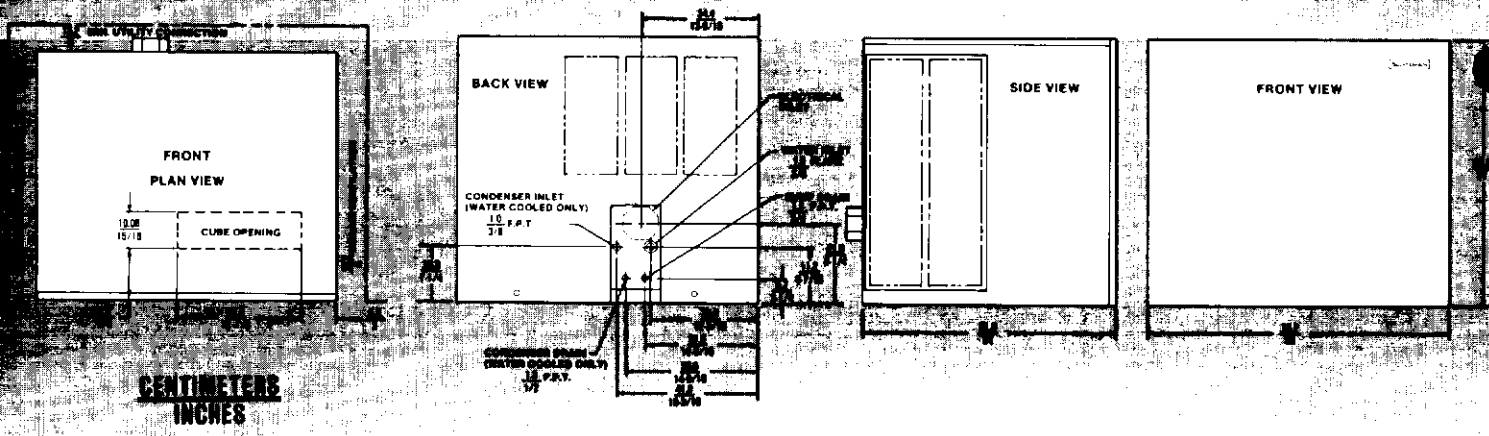
Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.



ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest by gravity without moving parts.

CM450 SLIM MODULAR CONTOUR CUBER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.



This product qualifies for the following listings:

SPECIFICATIONS

Model	Dimensions (W x H x D)	Weight	Capacity	Material	Water/Air	Finish	Part No.	Warranty	Accessories	Price	Availability
CM450AE-32D	27 x 30 x 24	368 lbs.	Contour	Air	ES	208-230/60/1	1.0	2	20.6	30	194/88
CM450WE-32D	27 x 30 x 24	363 lbs.	Contour	Water	ES	208-230/60/1	1.0	2	16.0	25	194/88

HTB250, HTB350 and BH450 MODULAR BINS — Use with CM450

Bin Model	Dimensions (W x H x D)	Weight	Material	Price	Availability
HTB250	22 1/2 x 30 x 31 1/2	250 lbs.	HTB	100/45	
HTB350	29 1/2 x 30 x 31 1/2	350 lbs.	HTB	120/54	

** (ES) Sandalwood. Leathergrain embossed steel with high gloss baked enamel finish (HTB) Linear High Density Polyethylene. Sandalwood color.
 † Use this value to determine minimum wire size as per National Electric Code Standards.

ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

CM450A AIR-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
		F°	50°	70°	90°
AIR TEMPERATURE	70°	368	361	347	lbs.
	90°	306	300	286	lbs.
	100°	286	274	262	lbs.

CM450W WATER-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
		F°	50°	70°	90°
AIR TEMPERATURE	70°	363	335	304	lbs.
	90°	351	329	299	lbs.
	100°	347	325	299	lbs.

Refrigerant R502
 Charge per nameplate rating.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKCMD-1 includes steel top, sides and front panel and service parts.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

STORAGE BIN

The CM450 stacks onto Scotsman Bin Models HTB250 and HTB350.

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
Air Temperatures	50° F (10.0° C)	100° F (37.7° C)
Water Temperatures	40° F (4.4° C)	100° F (37.7° C)
Water Pressures	20 PSIG	120 PSIG
Electrical Voltage	-10%	+10%

(Voltage rating specified on nameplate)

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



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INTERNATIONAL COMPANY
 Printed in U.S.A.

SCOTSMAN

COMMERCIAL ICE SYSTEMS

CM450 Slim Modular Contour Cuber

VOLUME PRODUCTION

- Up to 368 lbs. of ice in 24 hours.
- An engineering breakthrough in ice systems design.

PROVEN DESIGN CONCEPT — DEPENDABLE QUALITY

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.
- Mechanical and freezer components accessible from the front.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.

100% RUN TESTING — ASSURANCE

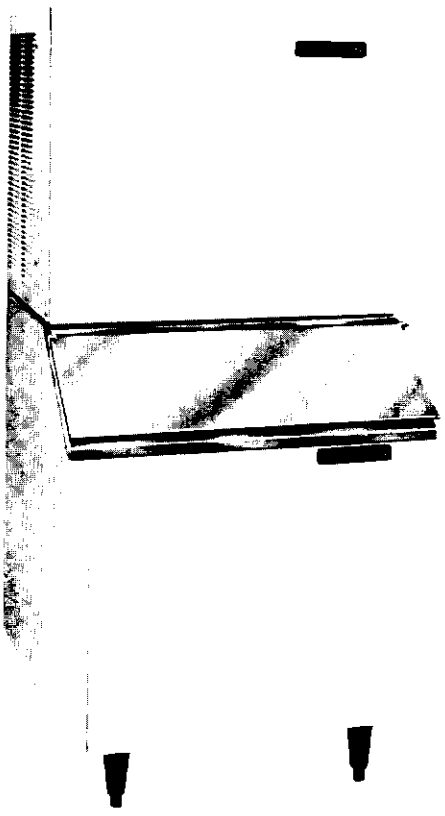
Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

STRONGEST WARRANTY — SATISFACTION

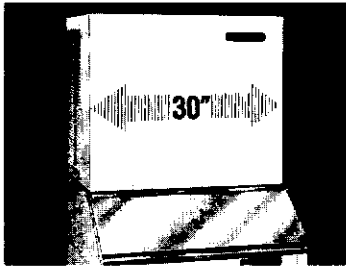
See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN ... WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

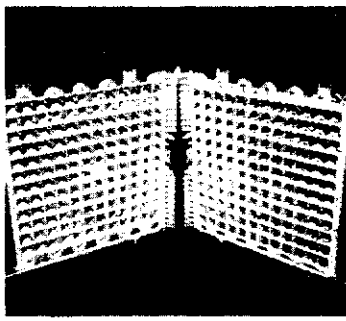


CM450 shown on HTB350 Bin



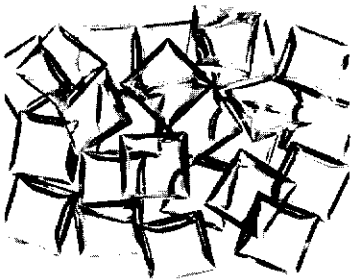
SLIM 30" WIDTH

Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.



ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest by gravity without moving parts.



UNIQUE CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bar, restaurant, or fast food operations.

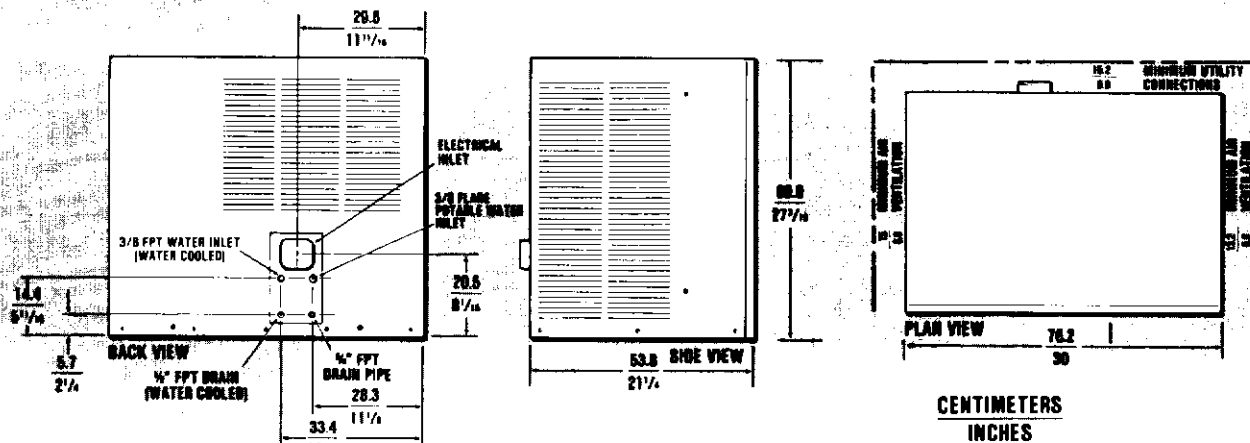


CONTOUR

HIGH LIQUID DISPLACEMENT

Tested against two competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows that even the small, flat cube is no competition for the Scotsman Contour Cube™.

CM450 SLIM MODULAR CONTOUR CUBER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
CM450AE-32C	27 1/8 x 30 x 21 1/4	—	368 lbs.	Contour	Air	ES	208-230/60/1	1.0	2	20.6	30	194/88
CM450WE-32C	27 1/8 x 30 x 21 1/4	—	363 lbs.	Contour	Water	ES	208-230/60/1	1.0	2	16.0	25	194/88

HTB250, HTB350 and BH450 MODULAR BINS — Use with CM450

Model	Dimensions H" x W" x D"	Capacity	Material	Weight
HTB250	22 1/2" x 30" x 31 1/2"	250 lbs.	HTB	100/45
HTB350	29 1/2" x 30" x 31 1/2"	350 lbs.	HTB	120/54

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (HTB) Linear High Density Polyethylene. Sandalwood color.
 † Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

CM450A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	368	361	347		
21°	167	164	157		
90°	306	300	286		
32°	139	136	130		
100°	286	274	262		
38°	130	124	119		

CM450W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	363	335	304		
21°	165	152	138		
90°	351	329	299		
32°	159	149	136		
100°	347	325	299		
38°	157	147	136		

Refrigerant R502
 Charge per nameplate rating.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKCM450A includes steel top, sides and front panel and service parts.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

STORAGE BIN

The CM450 stacks onto Scotsman Bin Models HTB250 and HTB350.

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
Air Temperatures	50° F (10.0° C)	100° F (37.7° C)
Water Temperatures	40° F (4.4° C)	100° F (37.7° C)
Water Pressures	20 PSIG	120 PSIG
Electrical Voltage	-10%	+10%

(Voltage rating specified on nameplate)

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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SCOTSMAN

COMMERCIAL ICE SYSTEMS

CM250

115 Volt Slim Modular Contour Cuber

VOLUME PRODUCTION

- Up to 318 lbs. of ice in 24 hours.
- An engineering breakthrough in ice systems design.

NEW DESIGN CONCEPT — DEPENDABLE QUALITY

- Fewer moving parts, none under refrigeration.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.
- Operates on 115V current.
- Mechanical and freezer components accessible from the front.

EASY TO SERVICE

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hook-ups are external on rear panel.

POPULAR CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.

100% RUN TESTING — ASSURANCE

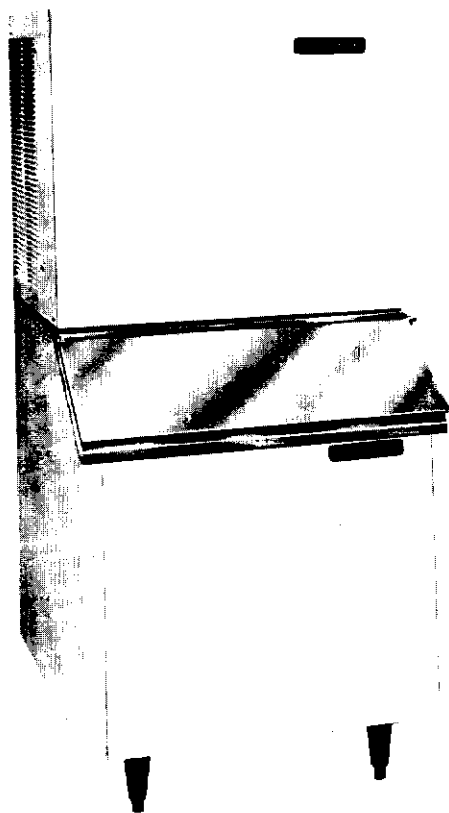
Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

STRONGEST WARRANTY — SATISFACTION

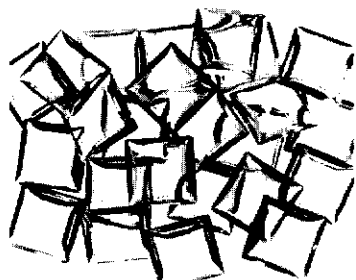
See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 months on All Parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES**



CM250 shown on HTB250 Bin



PATENTED CUBE DESIGN

Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



CONTOUR

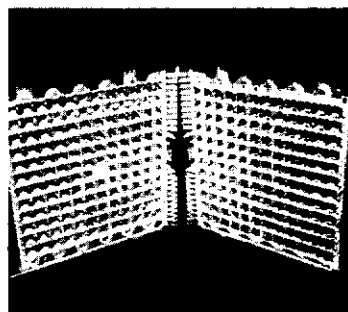
HIGH LIQUID DISPLACEMENT

Tested against two competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows that even the small, flat cube is no competition for the Scotsman Contour Cube™.



SLIM 30" WIDTH

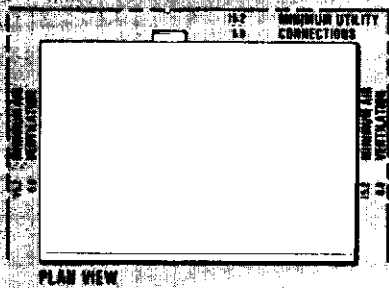
Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.



ENERGY EFFICIENT EVAPORATOR DESIGN

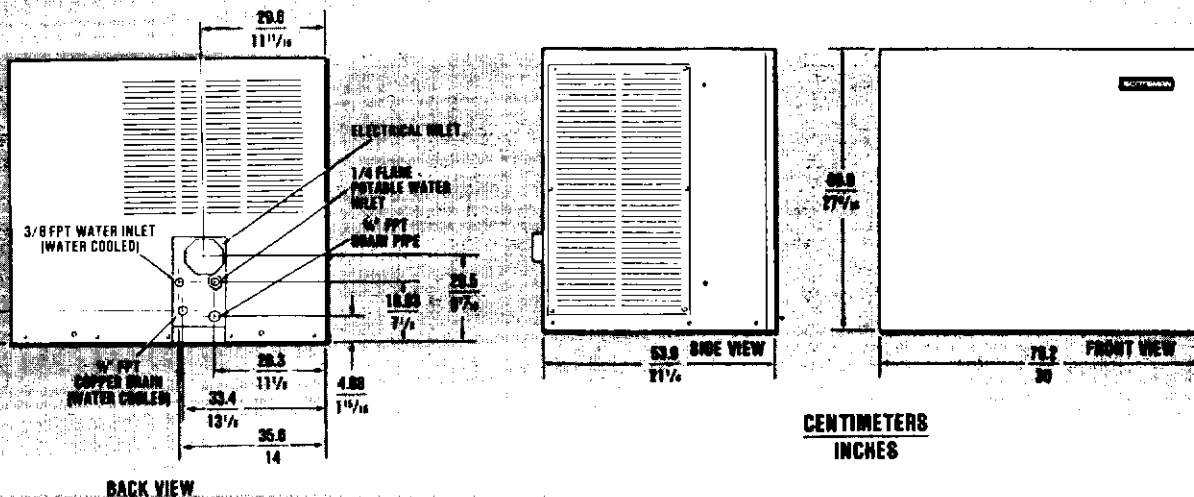
One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest by gravity without moving parts.

CM250 SLIM MODULAR CONTOUR CUBER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	Dimensions (H" x W" x D")	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Comp. Unit	Finish**	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. (Lbs./Kg.)
CM250AE-1C	27 7/16 x 30 x 21 1/4	—	302 lbs.	Contour	Air	ES	115/60/1	1/2	2	15.9	25	190/86
CM250WE-1C	27 7/16 x 30 x 21 1/4	—	318 lbs.	Contour	Water	ES	115/60/1	1/2	2	14.5	25	190/86

HTB250 and HTB350 Modular Bins — Use with CM250

HTB250	22 1/2 x 30 x 31 1/2	250 lbs.				HTB						100/45
HTB350	29 1/2 x 30 x 31 1/2	350 lbs.				HTB						120/54

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (HTB) Linear High Density Polyethylene - Sandalwood color.
† Use this value to determine minimum wire size as per National Electric Code Standards.

CM250AE AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				
	F°	50°	70°	90°	
70°	302	274	245	lbs.	
21°	138	124	111	kg.	
90°	240	230	224	lbs.	
32°	108	105	101	kg.	
100°	224	206	187	lbs.	
38°	101	93	84	kg.	

CM250WE WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				
	F°	50°	70°	90°	
70°	318	272	233	lbs.	
21°	144	123	106	kg.	
90°	306	269	228	lbs.	
32°	139	122	103	kg.	
100°	280	247	221	lbs.	
38°	127	112	100	kg.	

Refrigerant R502
Charge per nameplate rating.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKCM450A includes stainless steel top, sides and front panel and service parts.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
* Air Temperatures	50° F (10.0° C)	100° F (38° C)
Water Temperatures	40° F (4.4° C)	100° F (38° C)
Water Pressures	20 lbs. gauge	120 lbs. gauge
Electrical Voltage	-10%	+10%

(Voltage rating specified on nameplate)

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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SCOTSMAN
COMMERCIAL ICE SYSTEMS

CM250

115 Volt Slim Modular Contour Cuber

VOLUME PRODUCTION

- Up to 318 lbs. of ice in 24 hours.
- An engineering breakthrough in ice systems design.

NEW DESIGN CONCEPT — DEPENDABLE QUALITY

- Fewer moving parts, none under refrigeration.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.
- Operates on 115V current.
- Mechanical and freezer components accessible from the front.

EASY TO SERVICE

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hook-ups are external on rear panel.

POPULAR CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.

100% RUN TESTING — ASSURANCE

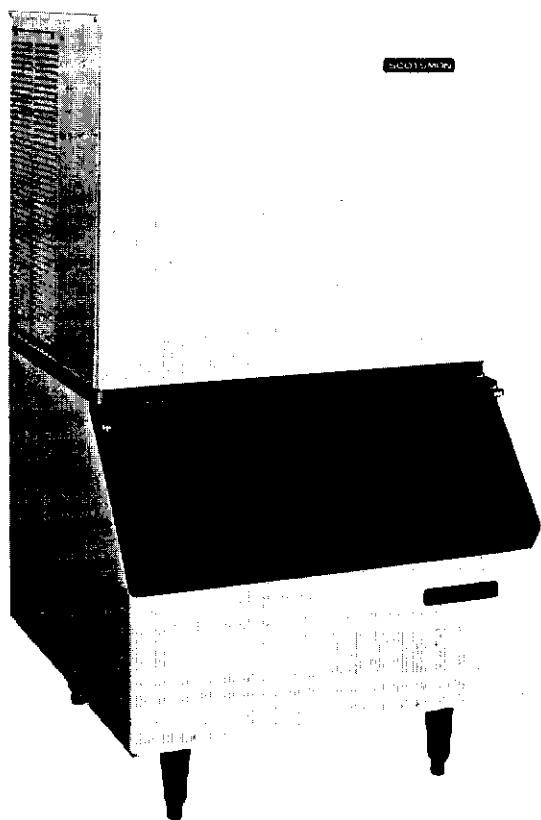
Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

STRONGEST WARRANTY — SATISFACTION

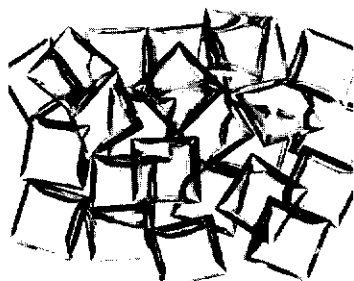
See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 months on All Parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES**



CM250 shown on HTB250 Bin



PATENTED CUBE DESIGN

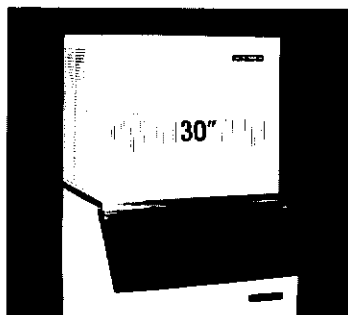
Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.



CONTOUR

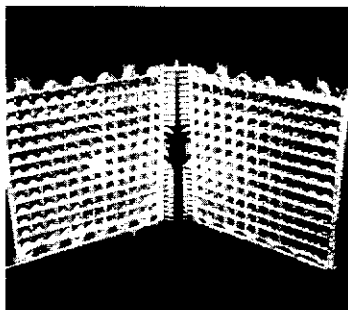
HIGH LIQUID DISPLACEMENT

Tested against two competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows that even the small, flat cube is no competition for the Scotsman Contour Cube™.



SLIM 30" WIDTH

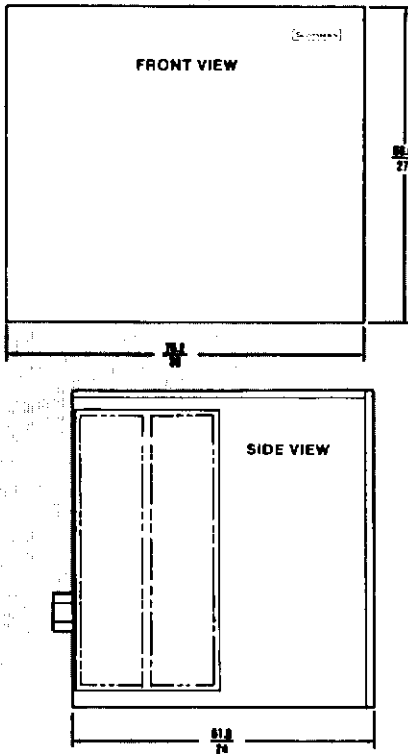
Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.



ENERGY EFFICIENT EVAPORATOR DESIGN

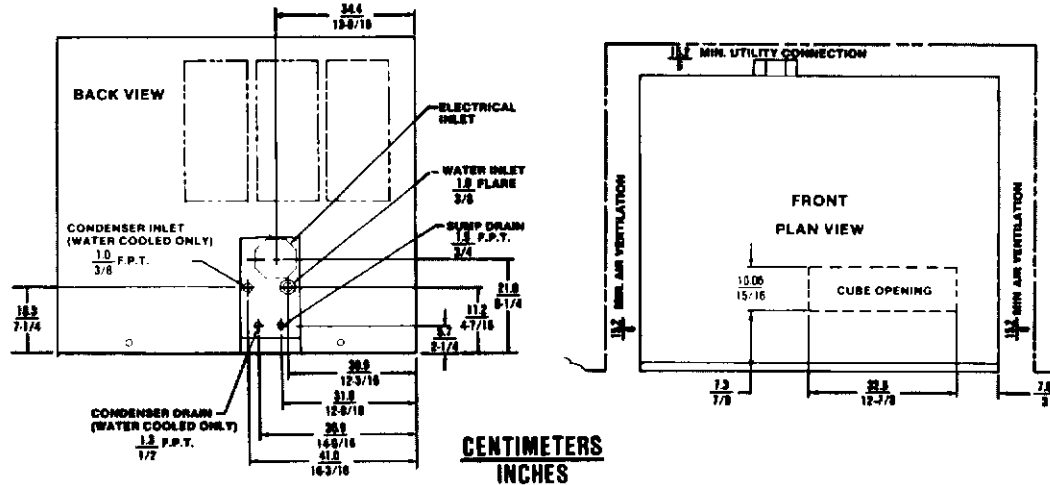
One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest by gravity without moving parts.

CM250 SLIM MODULAR CONTOUR CUBER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
CM250AE-1D	27 x 30 x 24	—	302 lbs.	Contour	Air	ES	115/60/1	1/2	2	15.9	25	190/86
CM250WE-1D	27 x 30 x 24	—	318 lbs.	Contour	Water	ES	115/60/1	1/2	2	14.5	25	190/86

HTB250 and HTB350 Modular Bins — Use with CM250

HTB250	22 1/2 x 30 x 31 1/2	250 lbs.				HTB						100/45
HTB350	29 1/2 x 30 x 31 1/2	350 lbs.				HTB						120/54

** (ES) Sandalwood. Leathergrain embossed steel with high gloss baked enamel finish. (HTB) Linear High Density Polyethylene - Sandalwood color
† Use this value to determine minimum wire size as per National Electric Code Standards

CM250AE AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	21°	302	274	245	lbs.
		136	124	111	kg.
90°	32°	240	230	224	lbs.
		108	105	101	kg.
100°	38°	224	206	187	lbs.
		101	93	84	kg.

CM250WE WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	21°	318	272	233	lbs.
		144	123	106	kg.
90°	32°	306	269	228	lbs.
		139	122	103	kg.
100°	38°	280	247	221	lbs.
		127	112	100	kg.

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
* Air Temperatures	50° F (10.0° C)	100° F (38° C)
Water Temperatures	40° F (4.4° C)	100° F (38° C)
Water Pressures	20 lbs. gauge	120 lbs. gauge
Electrical Voltage	-10%	+10%

(Voltage rating specified on nameplate)

Refrigerant R502
Charge per nameplate rating.

OPTIONAL STAINLESS STEEL PANEL KIT:
SPKCMD-1 includes stainless steel top, sides and front panel and service parts.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

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SCOTSMAN
COMMERCIAL ICE SYSTEMS

CM250
115 Volt
Slim Modular
Contour Cuber

VOLUME PRODUCTION

- Up to 318 lbs. of ice in 24 hours.
- An engineering breakthrough in ice systems design.

**NEW DESIGN CONCEPT —
 DEPENDABLE QUALITY**

- Fewer moving parts, none under refrigeration.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.
- Operates on 115V current.
- Mechanical and freezer components accessible from the front.

EASY TO SERVICE

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hook-ups are external on rear panel.

**POPULAR CONTOUR CUBE SHAPE —
 HANDLING EASE**

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area inside bin.

100% RUN TESTING — ASSURANCE

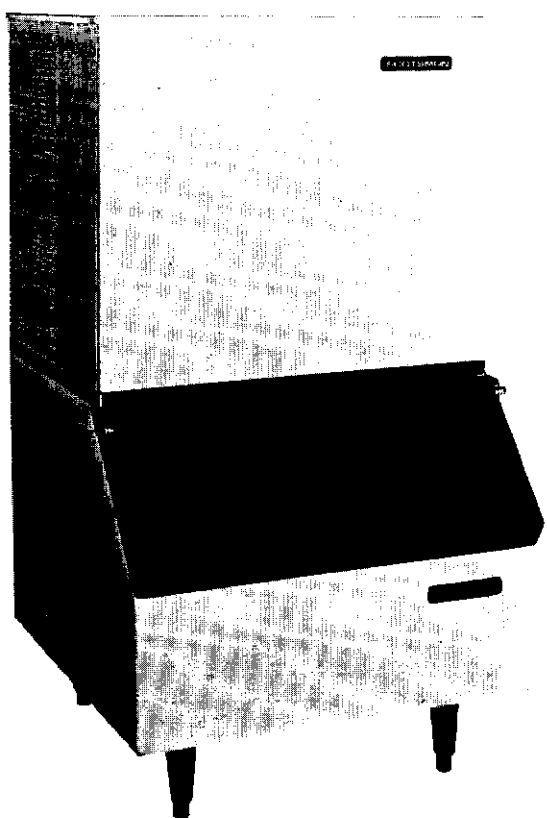
Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

WARRANTY — SATISFACTION

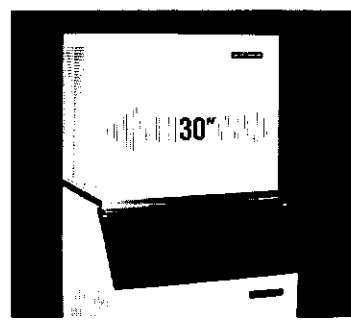
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

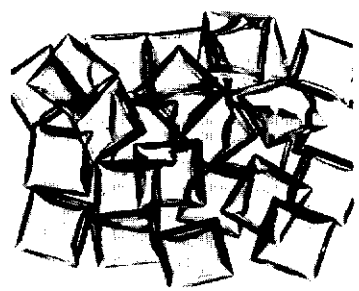
**SCOTSMAN — WORLD'S
 LARGEST MANUFACTURER OF
 COMMERCIAL ICE MACHINES**



CM250 shown on HTB250 Bin

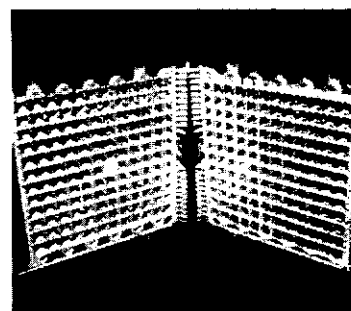


SLIM 30" WIDTH
 Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.



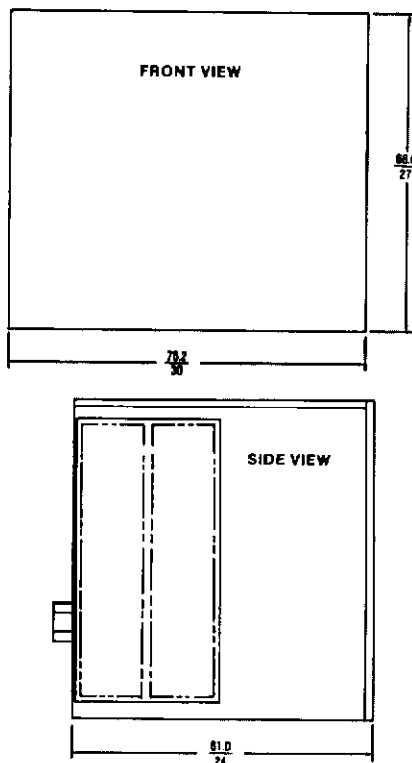
PATENTED CUBE DESIGN
 Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. Cubes stay separated ... no hard-to-break-apart "waffles" or ice clusters. One cube that's perfect for bar, restaurant, or fast food operations.

HIGH LIQUID DISPLACEMENT
 Through the use of contour cubes instead of other cubes you can pour a 1¼ oz. shot of liquor rather than a 1½ oz. shot and still maintain the same liquor/mix ratio ... still give the same customer-pleasing drink.



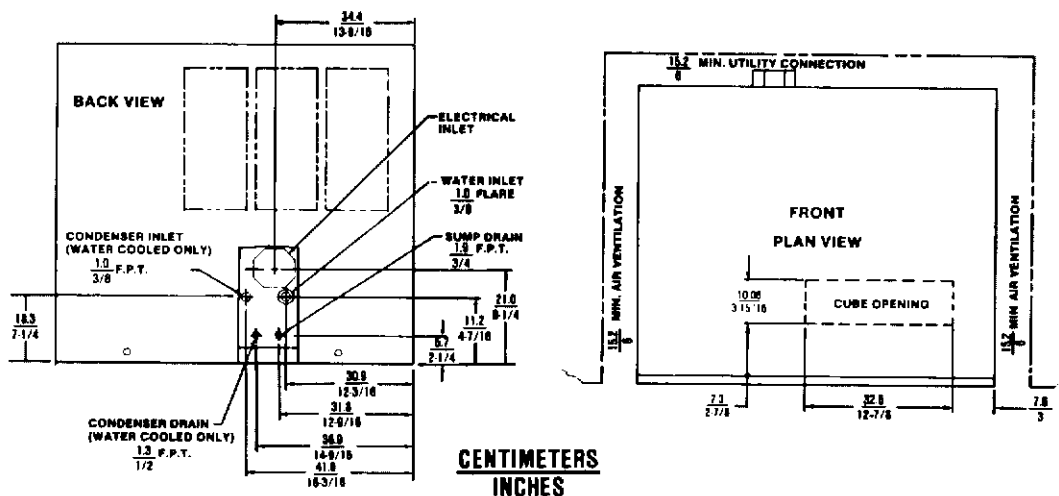
ENERGY EFFICIENT EVAPORATOR DESIGN
 One set of freezing coils produces ice on both sides of the evaporator plate utilizing each kilowatt of energy to make cubes. Cubes harvest by gravity without moving parts.

CM250 SLIM MODULAR CONTOUR CUBER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
CM250AE-1E	27 x 30 x 24	—	302 lbs.	Contour	Air	ES	115/60/1	1/2	2	15.9	25	190/86
CM250WE-1E	27 x 30 x 24	—	318 lbs.	Contour	Water	ES	115/60/1	1/2	2	14.5	25	190/86

HTB250 and HTB350 Modular Bins — Use with CM250

HTB250	22 1/2 x 30 x 31 1/2	250 lbs.				HTB						100/45
HTB350	29 1/2 x 30 x 31 1/2	350 lbs.				HTB						120/54

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (HTB) Linear High Density Polyethylene - Sandalwood color.
† Use this value to determine minimum wire size as per National Electric Code Standards.

CM250AE AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				
	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	302	274	245	lbs.	
21°	136	124	111	kg.	
90°	240	230	224	lbs.	
32°	108	105	101	kg.	
100°	224	206	187	lbs.	
38°	101	93	84	kg.	

CM250WE WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				
	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	318	272	233	lbs.	
21°	144	123	106	kg.	
90°	306	269	228	lbs.	
32°	139	122	103	kg.	
100°	280	247	221	lbs.	
38°	127	112	100	kg.	

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
*Air Temperatures	50° F (10.0° C)	100° F (38° C)
Water Temperatures	40° F (4.4° C)	100° F (38° C)
Water Pressures	20 lbs. gauge	120 lbs. gauge
Electrical Voltage	-10%	+10%

(Voltage rating specified on nameplate)

Refrigerant R502
Charge per nameplate rating.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKCMD-1 includes stainless steel top, sides and front panel and service parts.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

SCOTSMAN ICE SYSTEMS • 505 FRONT ST. • ALBERT LEA, MN 56007 • (507) 373-3961

INTERNATIONAL COMPANY

S-101-88

TELEX EASYLINK 62922027

Printed in U.S.A.

SCOTSMAN

COMMERCIAL ICE SYSTEMS

CS55

Under Counter Compact Ice Machine

Up to 55 pounds of clear cubes are produced daily, stored in a 28 pound capacity insulated bin. Completely automatic, the machine shuts off when bin is full and restarts after ice is removed ... you never run out of ice. Front ventilation allows air circulation in and out the front for cabinet built-ins. Don't settle for the cloudy cubes and small containers of ordinary refrigerator ice — enjoy clear, gourmet ice in plentiful supply with a Scotsman.

HIGH ICE PRODUCTION — FAST

- Up to 55 lbs. of ice in 24 hours.
- Produces round non-stick cubes.
- Produces World-Famous Scotsman small size gourmet cubes.
- Cubes are frozen and harvested individually for easy serving.

ICE STORAGE — ECONOMICAL

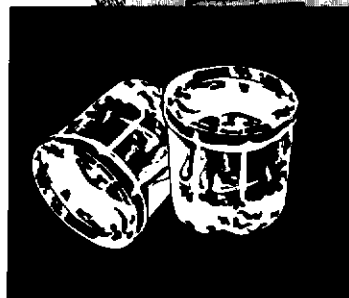
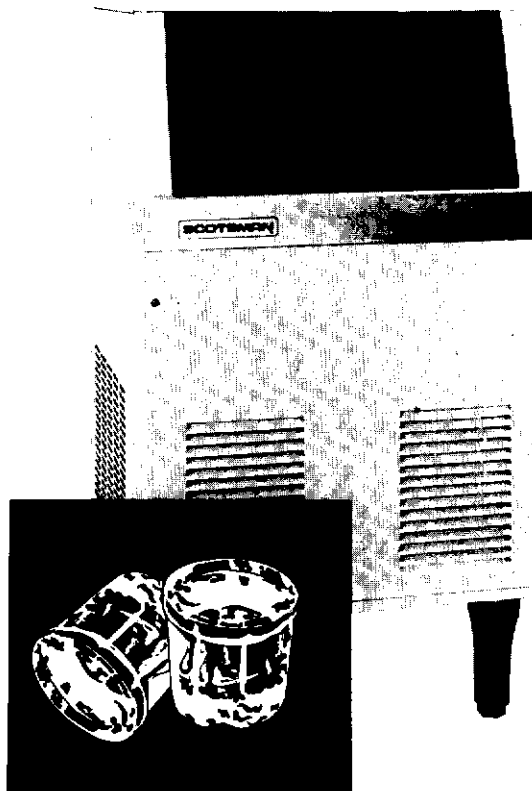
- Stores up to 28 pounds of ice.
- Molded plastic bin cleans easily, resists scratches.
- Foam Insulated to preserve ice supply until needed.
- Automatic thermostat shuts off machine when bin is full.

COMPACT SIZE — SAVES SPACE

- Slim 18 inch cabinet width takes minimum space.

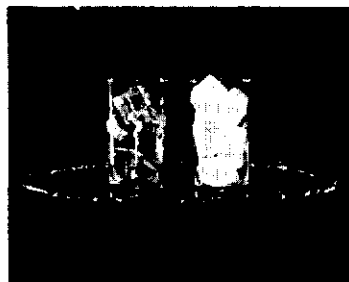
STRONGEST WARRANTY — SATISFACTION

- Exclusive 24 Month Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor.



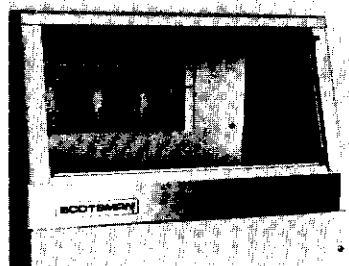
SMALL CUBES

Scotsman's unique round cube design provides solid cubes that melt slowly and won't freeze together.



CLEAR ICE CUBES

Scotsman cubes at the left are crystal clear — process removes impurities. Rounded to avoid sticking together ... add a gourmet touch to any beverage.



RECESSED DOOR

Door lifts up and back into cabinet recess. Glides out of the way for easy access to ice through large opening. No handle or protrusions into aisle.

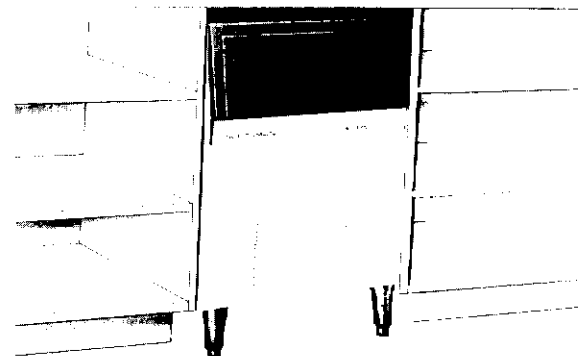
MULTIPLE USES:

Apartments The attractive ice maker, built into apartment units or condominiums, can be the key to early sales or high occupancy rentals.

Family Rooms Take advantage of unused space in closets or under stairs. Convert waste space into convenience.

Hotel Suites Add that final touch of luxury which makes hotel stays a pleasant experience for guests and keeps them coming back for the royal treatment.

Conference Room Provide a refreshing break for all your V.I.P. conferences and meetings by installing a Scotsman Compact Ice Machine.

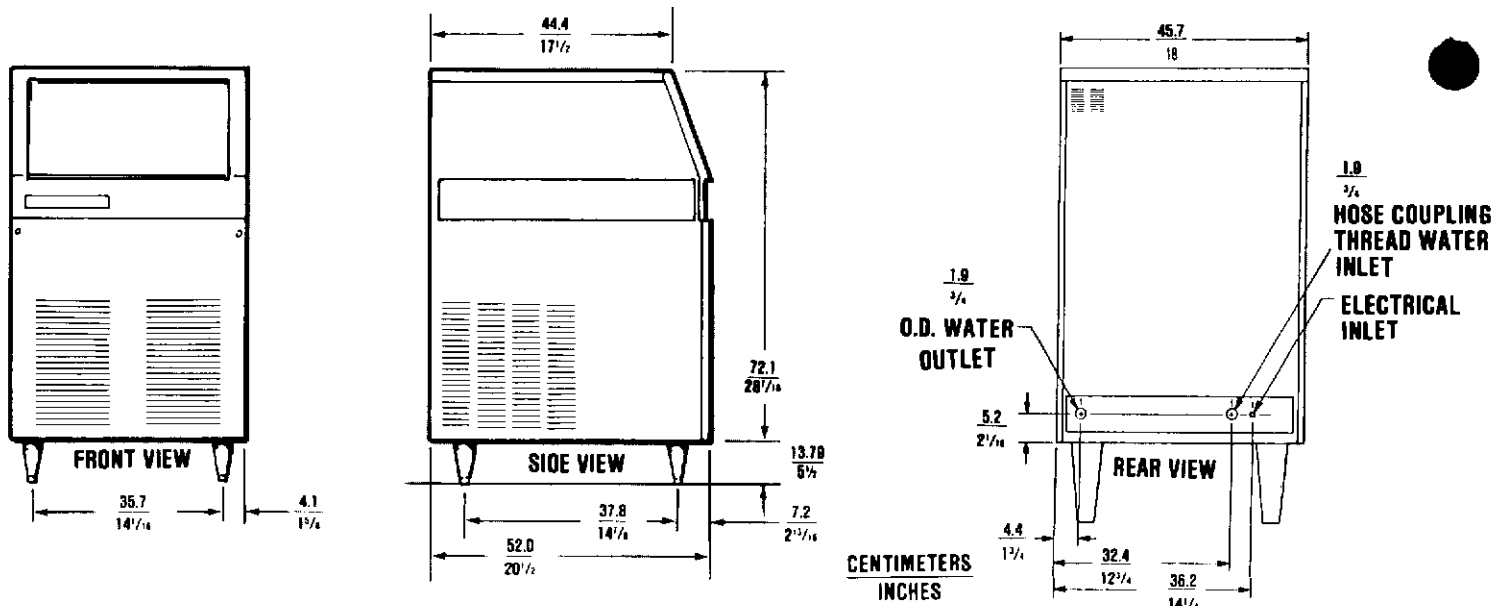


BUILT IN CONVENIENCE

Under counter bar installation puts the ice where it is needed. Legs allow for cleaning below and aisle ventilation.

SCOTSMAN — WORLD'S LARGEST MANUFACTURER OF ICE MACHINES!

CS55 COMPACT ICE MACHINE



We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap. ***	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampa- city †	Max. Fuse Size	Ship. Wt. lbs./kg.
CS55SAE-1A	28 1/8 x 18 x 20 1/2	28 lbs.	55 lbs.	Small	Air	ES	115/60/1	1/5	3	6.1	15	100/45

ELECTRICAL: 115 volt, 60 cycle, A. C. single phase separately fused on a 15 Amp circuit, 3 wire cord with grounded plug included.

** ES — Sandalwood Baked Gloss Enamel on Steel.

*** Maximum storage capacity for bins is based on 80% of total volume in cubic feet x 34 lb. average density of ice (A.R.I. Standard)

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours at 70° Air and 50° Water.

CS55A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	55	48	46	lbs.	
21°	25	22	21	kg.	
90°	42	41	38	lbs.	
32°	19	19	17	kg.	
100°	34	33	31	lbs.	
38°	15	15	14	kg.	

IMPORTANT OPERATING REQUIREMENTS:

	MINIMUM	MAXIMUM
* Air Temperatures	50° F (10.0° C)	100° F (38° C)
Water Temperature	40° F (4.4° C)	100° F (38° C)
Water Pressures	20 lbs. gauge	120 lbs. gauge
Voltage	-10%	+10%

(Voltage rating specified on nameplate)

Extended periods of operation exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

This product carries these listings and approvals:



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A HOUSEHOLD

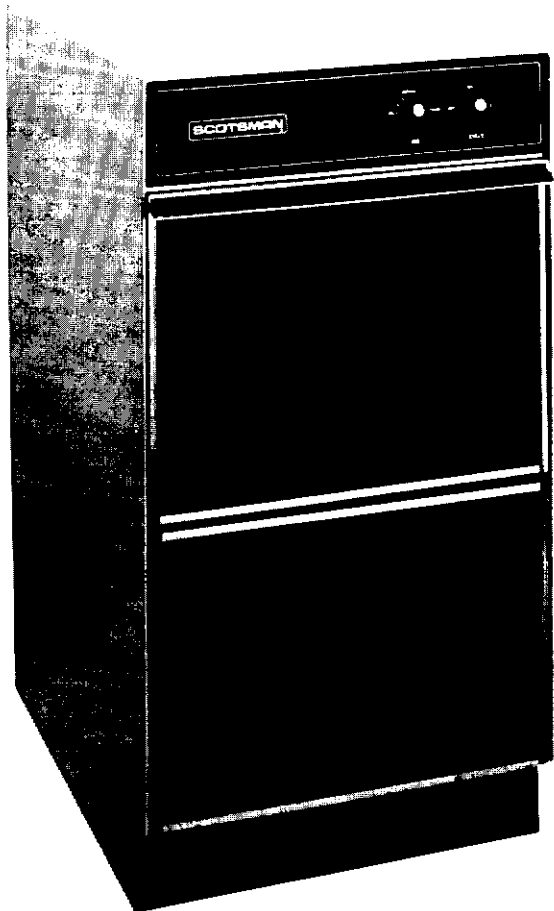
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INTERNATIONAL COMPANY

S-127

TELEX EASYLINK 62922027

Printed in U.S.A.



SCOTSMAN
COMMERCIAL ICE SYSTEMS

CSW1

Self Contained Cuber

Automatic Operation

With the cycle control in the "on" position, the unit automatically produces ice and shuts off when the storage bin is full.

Fresh water is circulated over a freezing surface to produce hard ice with low mineral content. The result is a clear ice cube which has significantly fewer minerals than the water from which it was made.

- Easy to install under bar or counter.
- Ice maker and storage in one compact unit.
- Generous bin opening for convenient ice removal.



HIGH ICE PRODUCTION — FAST

- Sharp looking unit — glossy black front panels blend well with all decors.
- Up to 53 lbs. of ice in 24 hours.
- Produces sparkling, long-lasting, cubelet sized ice 3/4" x 3/4".
- Fresh water is circulated over a freezing surface to produce hard ice and reduce mineral content for improved quality of ice.
- Easily installs under bar or counter.
- Ice maker and storage in one compact cabinet.

ICE STORAGE — ECONOMICAL

- Stores up to 35 lbs of ice.
- Molded plastic bin cleans easily, resists scratches.
- Foam insulated to preserve ice supply until needed.

COMPACT SIZE — SAVES SPACE

- Slim 17-7/8" cabinet width takes minimum space.

WARRANTY — SATISFACTION

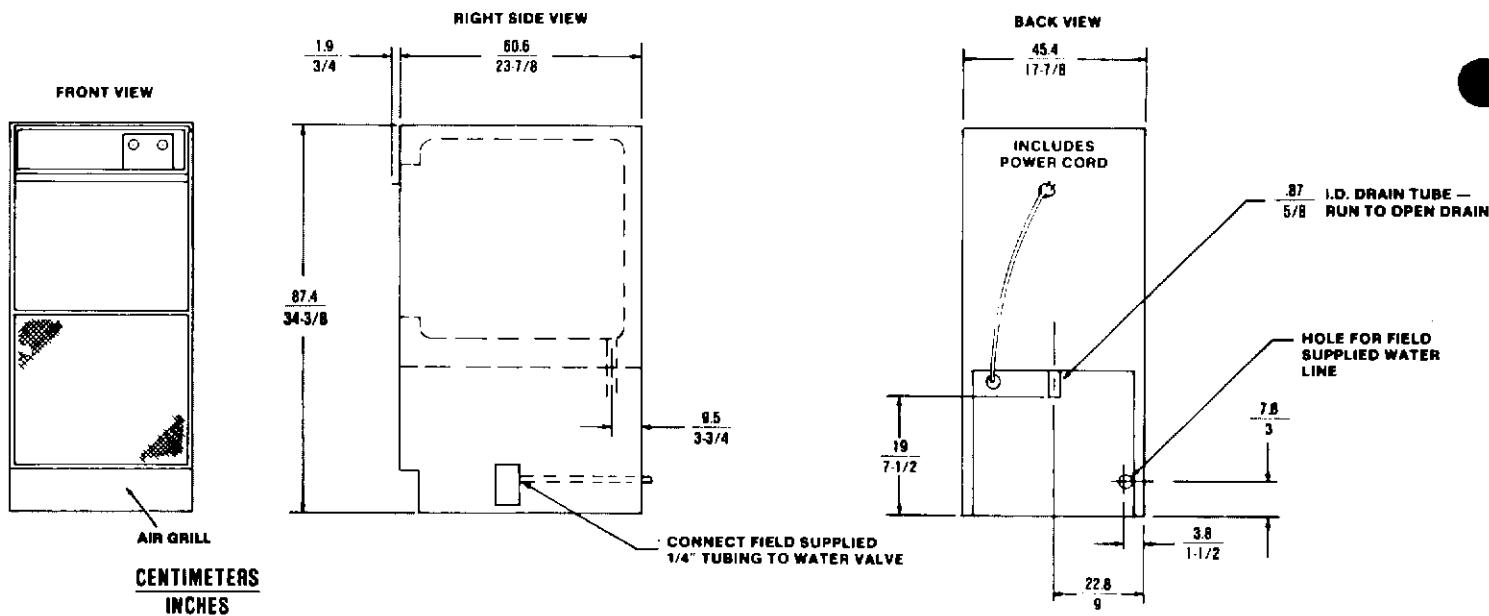
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

**WORLD'S LARGEST
MANUFACTURER
OF ICE MACHINES!**

CSW1 SELF CONTAINED CUBER



INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections. Air grill at front must not be obstructed.

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Max. Fuse Size	Ship. Wt. lbs./kg.
CSW1AE-1B	34 3/8 x 17 1/8 x 24 1/2	35	53	Small	Air	ES	115/60/1	1/8	2	15	120/54

Note: 3-wire six-foot cord with grounded plug is provided.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours at 70° Air and 50° Water.

CSW1AE-1A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE					
	F° C°	50° 10°	60° 16°	70° 21°	80° 27°	
70° 21°	53 24	52 23	49 22	47 21	lbs. kg.	
80° 27°	49 22	47 21	45 20	43 19	lbs. kg.	
90° 32°	46 21	43 19	41 18	39 17	lbs. kg.	
100° 38°	38 17	38 17	37 17	35 16	lbs. kg.	

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
* Air Temperatures	50° F (10.0° C)	100° F (38° C)
Water Temperatures	40° F (4.4° C)	100° F (38° C)
Water Pressures	20 lbs. gauge	120 lbs. gauge
Electrical Voltage	-10%	+10%

(Voltage rating specified on nameplate)

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F. or exceed 100° F., nor where water temperatures fall below 40° F. or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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A HOUSEHOLD

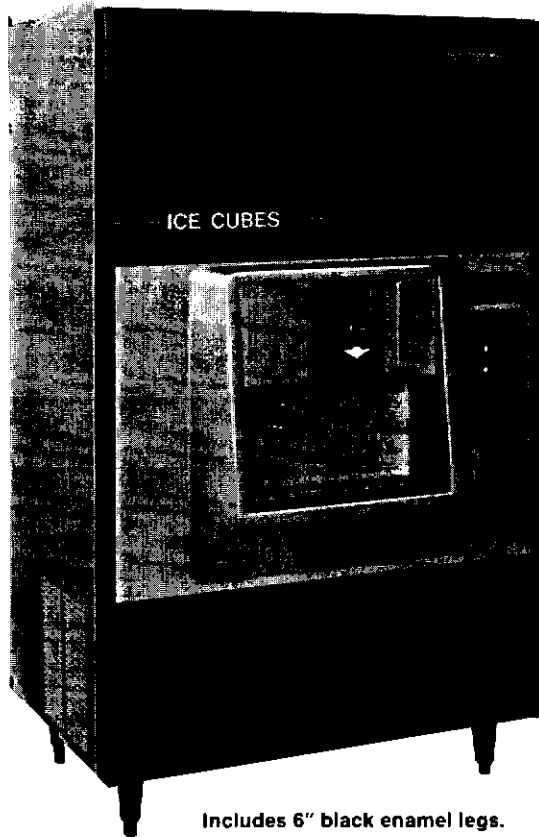
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INTERNATIONAL COMPANY

S-197-88

TELEX EASYLINK 62922027

Printed in U.S.A.



Includes 6" black enamel legs.

CD450

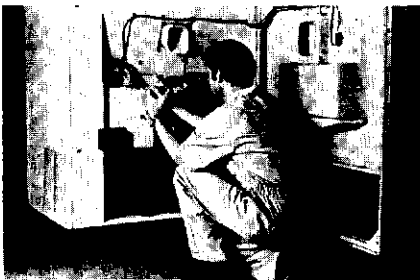
sanitary, self-service
cuber-dispenser

- Completely sanitary cube dispensing
- Production of up to 414 pounds of medium size cubes in 24 hours
- Cubes are rounded to harvest individually and to stay loose
- Appetizing cubes freeze crystal clear without impurities
- Self-contained bin holds 150 lbs.
- Option of pushbutton, key or coin operated
- Molded front panel has no seams or crevices to collect dirt, wipes clean with a damp cloth
- Preset vends of 1¼, 1½ or ¾ pounds avoid waste, serves more rooms (optional kit)
- The dispenser meets all standards of local and state health agencies

WARRANTY — SATISFACTION

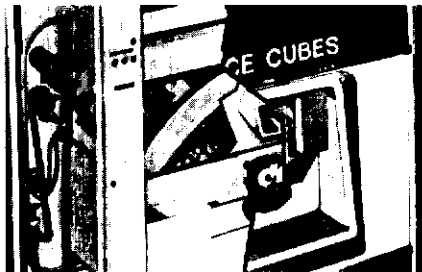
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.



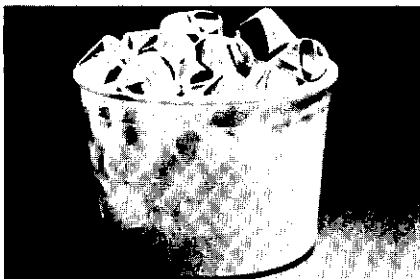
EASY SERVICE ACCESS

Hinged front door and removable side panels make access to working parts for maintenance and cleaning both convenient and economical. Service adjustments can be performed quickly.



ICE AGITATION

As a measured amount of ice is carried to the hopper, the transport mechanism agitates the cubes to prevent their freezing together. Assures a steady delivery of individual, separated cubes.



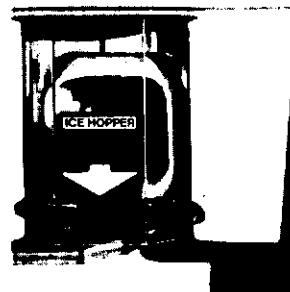
OPTIONAL MEASURED AMOUNTS SERVE MORE ROOMS

More rooms can be accommodated per machine by discouraging taking more ice than is needed. Ice waste is minimized by portion control. Kit KPCCD450 reduces standard 1¼ lb. vend to 1½ lb. or ¾ lb.



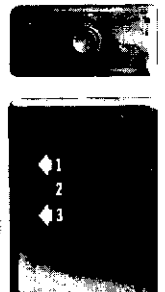
SANITARY ICE

The CD450 is completely self-contained. Ice is manufactured in the machine and stored in a sanitary sealed bin. Cubes are dispensed pure and clean... free from contamination due to objectionable handling.

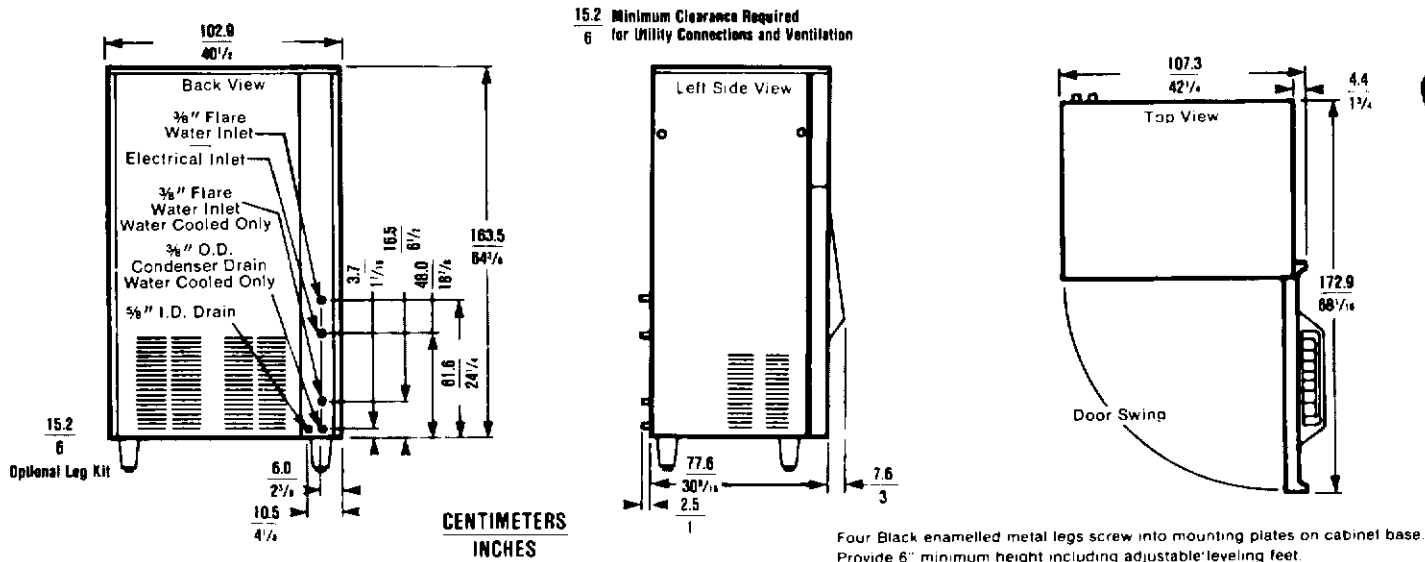


THREE-WAY OPERATION

Offers three interchangeable options to meet your vending requirements. Shipped with mounted panel for free pushbutton operation. Converts easily to key or coin operation with kits shown on back page. Kits sold separately.



CD450 SANITARY, SELF-SERVICE CUBER-DISPENSER



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampac- ity †	Max. Fuse Size	Ship. Wt. lbs./kg.
CD450MAE-1A	64 3/8 x 40 1/2 x 33 3/8	150 lbs.	414 lbs.	Medium	Air	ES	115/60/1	3/4	2	25.8	30	596/270
CD450MWE-1A	64 3/8 x 40 1/2 x 33 3/8	150 lbs.	387 lbs.	Medium	Water	ES	115/60/1	3/4	2	25.0	30	597/271

** (ES) Sandalwood Baked Gloss Enamel on Leathergrain Embossed Steel. With cork pattern vinyl panel trim.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production — lbs./kg. of ice per 24 hours.

CD450A AIR-COOLED

WATER TEMPERATURE		AIR TEMPERATURE		
F°	90°	70°	50°	
C°	32°	21°	10°	
70°	317	368	414	lbs.
21°	144	167	188	kg.
90°	274	309	350	lbs.
32°	125	140	159	kg.
100°	245	281	324	lbs.
38°	111	127	147	kg.

CD450W WATER-COOLED

WATER TEMPERATURE		AIR TEMPERATURE		
F°	90°	70°	50°	
C°	32°	21°	10°	
70°	310	347	387	lbs.
21°	141	158	175	kg.
90°	309	342	381	lbs.
32°	140	155	173	kg.
100°	292	339	378	lbs.
38°	133	154	172	kg.

PEAK VENDING CHART — STARTING WITH FULL BIN

Average vend is approximately 50 cubes (1 3/4 lbs.). Production based on 90° air, 70° water, air-cooled model.

Vend Frequency Rate	Number of Uninterrupted Vends Available at Rate	Duration of Continuous Ice Supply
Every 2 min./30 per hr.	99	3-1/3 hr.
Every 3 min./20 per hr.	109	5-1/4 hr.
Every 4 min./15 per hr.	118	7-3/4 hr.
Every 5 min./12 per hr.	128	10-1/2 hr.
Every 10 min./6 per hr.	Never runs out of ice	

OPTIONAL LEG KIT:

KLP2S: Nickel plated, brushed metal finish with stainless steel feet.

OPTIONAL CONVERSION KITS:

KKM1A: Key operated kit. Includes faceplate and cylinder holder.

KCM4A: Scotsman coin mechanism. Includes front access security lock, coin box and faceplate. For single Quarter operation only. Coin is not returned if bin is empty.

KCM5A: Adapter kit only, to mount Coin Mechanisms, Inc. 25¢, 50¢, 75¢ accumulator model 2022-30-C3 or 25¢ non-accumulator model 2022-30-C4. Includes faceplate, relay box, and labels. Coin mechanisms are purchased from Coin Mechanisms, Inc. (312/279-9150), not from Scotsman.

KPCD450: Vend portion kit; adapter reduces standard 1 3/4 lb. vend to either 1 1/8 lb. or 3/8 lb.

KLACD20: Low ambient kit. Allows a dispenser to operate at lower range ambient temperatures. Heats air to avoid machine freezing.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installations where air temperatures fall below 50° F., or exceed 100° F.; nor where water temperatures fall below 40° F., or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

This product qualifies for these listings.



We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

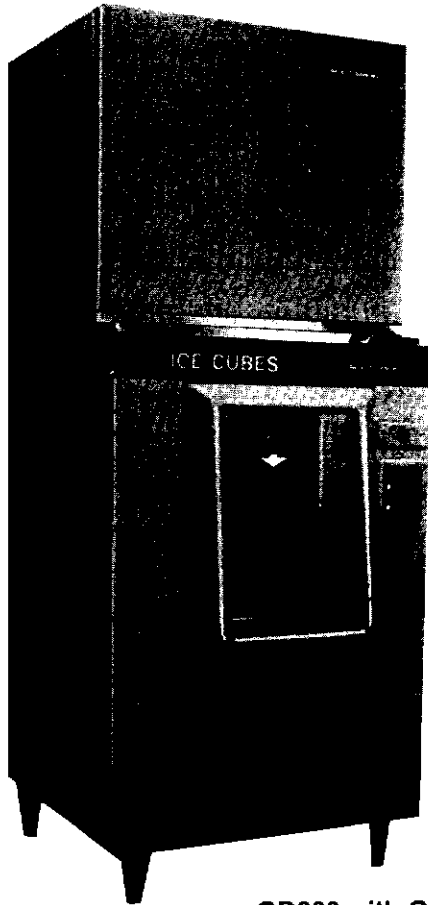
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INTERNATIONAL COMPANY

S-175-88

TELEX EASYLINK 62922027

Printed in U.S.A.



CD200 with CM250

Modular design allows for use with several Scotsman modular ice makers with production ranging from 318 to 630 pounds.

Cabinet is constructed of leathergrain embossed steel with high gloss sandalwood baked enamel finish. Front center panel is easy to clean High Tech Polymer.

CD200

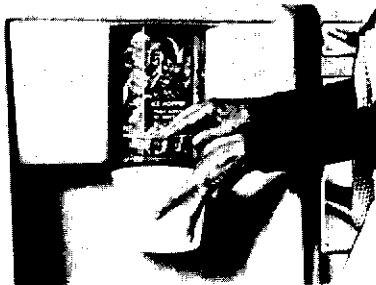
sanitary, self-service
cube-dispenser

**DESIGNED FOR HOTELS, MOTELS,
AND OTHER SELF-SERVICE APPLI-
CATIONS.**

- Quiet dispensing mechanism
- 30 inch wide cabinet
- Corrosive free bin
- Smooth, easy to clean front panel
- Completely sanitary cube dispensing meets all standards of local and state health agencies
- Dispensing mechanism leaves no cubes in corners
- Foam insulation preserves ice supply for long periods, and reduces sound of falling cubes

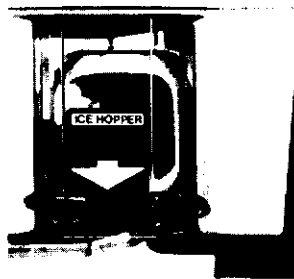
WARRANTY — SATISFACTION

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.



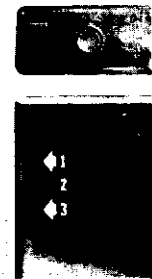
SANITARY ICE

Ice is stored in a sanitary sealed bin. Cubes are dispensed pure and clean...free from contamination due to objectionable handling.

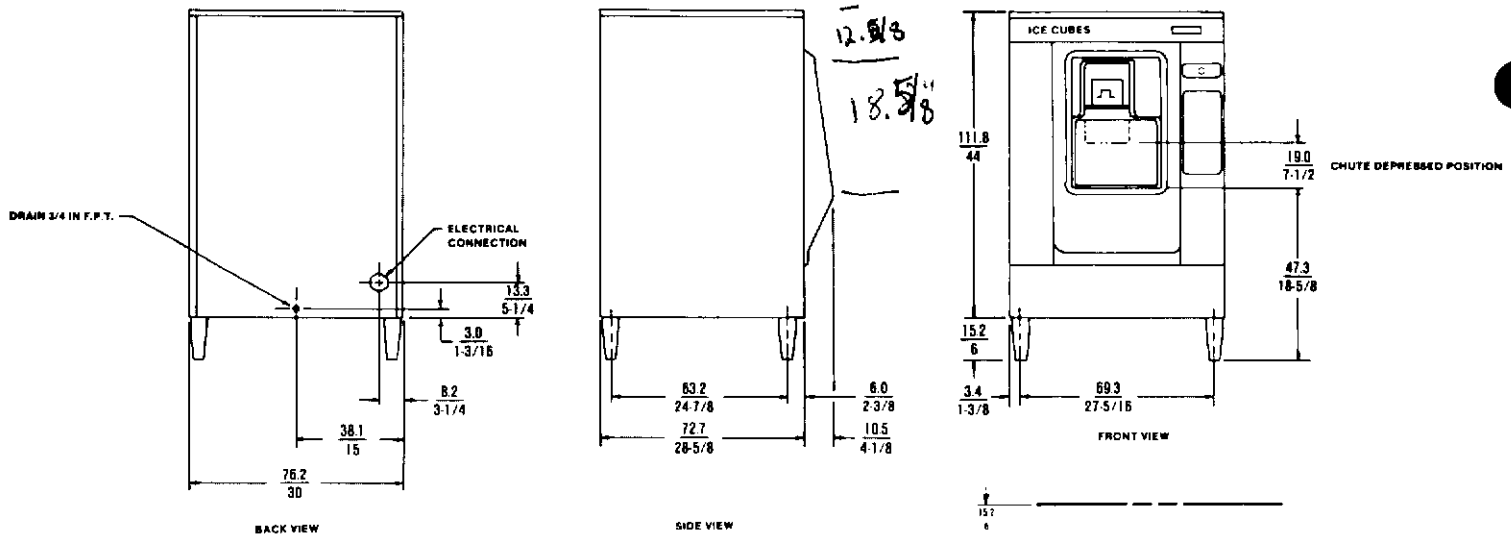


THREE-WAY OPERATION

Offers three interchangeable options to meet your vending requirements. Shipped with mounted panel for free pushbutton operation. Converts easily to key or coin operation with kits shown on back page. Kits sold separately.



CD200 SANITARY, SELF-SERVICE CUBER-DISPENSER



CENTIMETERS
INCHES

Four Black enamelled metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling feet.

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampa- city †	Max. Fuse Size	Shp. Wt. lbs./kg.
CD200E-1A	44 x 30 x 32 3/4	230	—	—	—	ES	115/60/1	—	2	2.5	15	240/109
CD200S-1A	44 x 30 x 32 3/4	230	—	—	—	SS	115/60/1	—	2	2.5	15	240/109

** (ES) Sandalwood Baked Gloss Enamel on Leathergrain Embossed Steel. With cork pattern vinyl panel trim.
† Use this value to determine minimum wire size as per National Electric Code Standards.

OPTIONAL CONVERSION KITS:

KKM200: Key operated kit. Includes faceplate and cylinder holder.

KCM200: Scotsman coin mechanism. Includes front access security lock, coin box and faceplate. For single Quarter operation only. Coin is not returned if bin is empty.

KCM200: Scotsman coin mechanism. Includes front access security lock, coin box and faceplate. For single Quarter operation only. Coin is not returned if bin is empty.

KMA200: Adapter kit only, to mount Coin Mechanisms, Inc. 25¢, 50¢, 75¢ accumulator model 2022-30-C3 or 25¢ non-accumulator model 2022-30-C4. Includes faceplate, relay box, and labels. Coin mechanisms are purchased from Coin Mechanisms, Inc., not from Scotsman.

OPTIONAL LEG KIT:

KLP2S: Nickel plated, brushed metal finish with stainless steel feet.

KPCCD200: Vend portion kit.

IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installations where air temperatures fall below 50° F., or exceed 100° F; nor where water temperatures fall below 40° F., or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

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A HOUSEHOLD

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TELEX EASYLINK 62922027

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SCOTSMAN[®]

COMMERCIAL ICE SYSTEMS

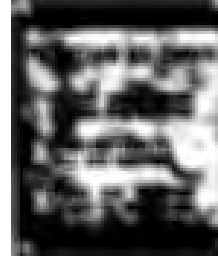
CD20

automatic cube dispenser Sanitary system for self-service ice dispensing

The Scotsman exclusive ice making system produces up to 334* pounds of ice in 24 hours. A completely enclosed, tamper-proof cabinet assures untouched, sanitary ice from every vend. Access to the internal working mechanism can only be gained by use of a special lock located on the side panel. The molded front panel offers easy cleaning . . . no seams or crevices. Any spilled ice or foreign objects dropped into the drain grill are collected in a drain pan enclosed in the cabinet. Front service access to working parts keeps maintenance and service costs to a minimum. The Scotsman self service ice dispenser meets the standards of local and state health agencies.

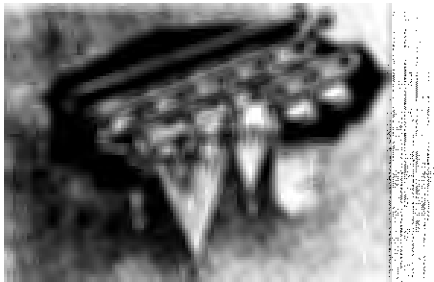
THREE-WAY OPERATION

Offers three interchangeable options to meet your vending requirements. Shipped with mounted panel for free pushbutton operation. Converts easily to key or Quarter operation with kits shown below. Kits are shipped with machine.



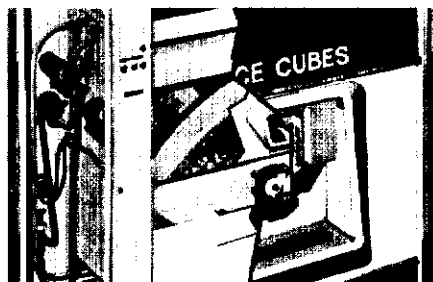
(Leg Kit Optional)

*See Ice Making Capacity on other side



EXCLUSIVE ICE MAKING SYSTEM

Fresh water is jet-sprayed into cube cups continuously during the freezing cycle. Pure water freezes at a higher temperature, thus allowing sediment and other impurities to drain away.



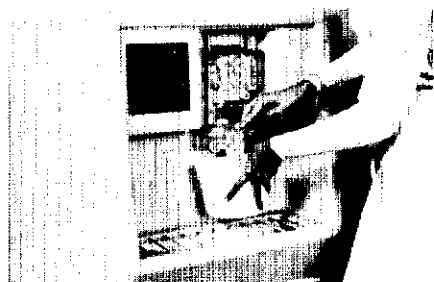
ICE AGITATION

As a measured amount of ice is carried to the hopper, the transport mechanism agitates the cubes to prevent their freezing together. Assures a steady delivery of individual, separated cubes.



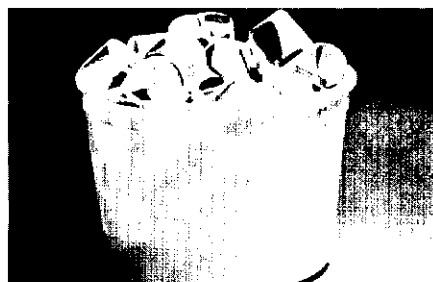
EASY SERVICE ACCESS

Hinged front doors and removable side panels make access for maintenance and cleaning both convenient and economical. Service adjustments can be performed quickly.



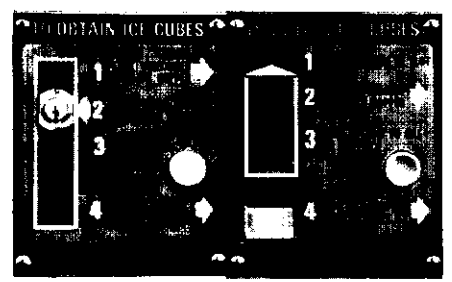
SANITARY ICE

The CD20 is completely self contained. Ice is manufactured in the machine and stored in a sanitary sealed bin. Cubes are dispensed pure and clean . . . free from contamination, due to objectionable handling or having refuse thrown inside.



MEASURED AMOUNT SERVES MORE ROOMS

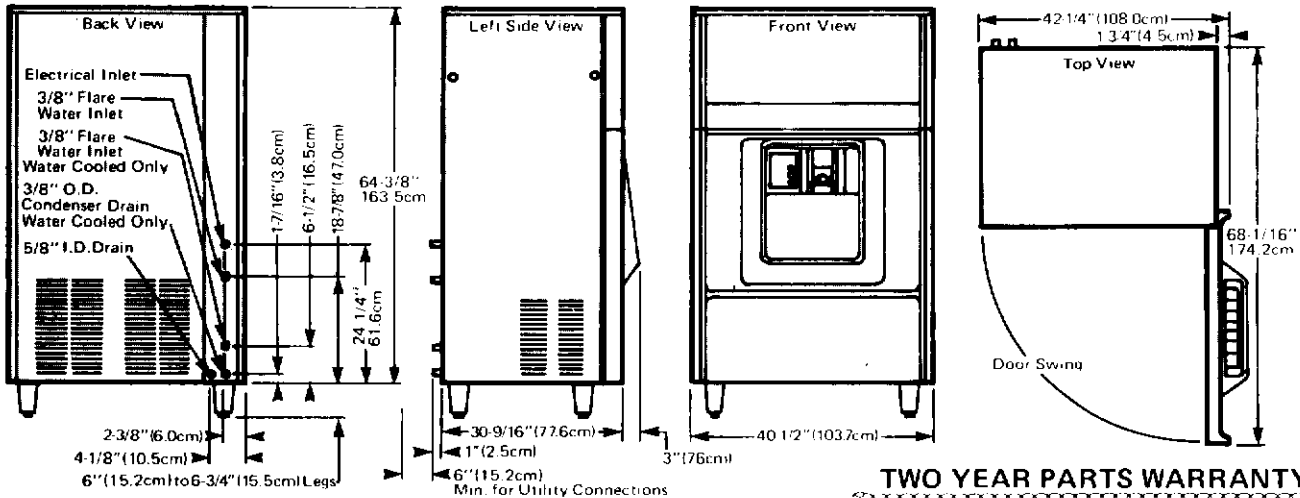
More rooms can be accommodated per machine by discouraging taking more ice than is needed. Ice waste is minimized by portion control. Guests are amply satisfied and overfills are avoided.



KEY OR QUARTER OPERATION

Includes face plate and instructions for free vending while room key is inserted into lock. Coin box pre-mounted on door for easy coin chute and face plate installation. Complete instructions along with coin chute and plate.

CD20 automatic cube dispenser



*ICE MAKING CAPACITY

Typical Ice Production—Medium Size Cube—Lbs. of Ice per 24 Hours.

CD20A AIR-COOLED WATER TEMP.

AIR TEMP.	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	270	297	334	lbs.	
21°	123	135	151	kg.	
90°	228	244	280	lbs.	
32°	103	111	126	kg.	
100°	210	222	244	lbs.	
38°	96	101	111	kg.	

CD20W WATER-COOLED WATER TEMP.

AIR TEMP.	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	264	280	312	lbs.	
21°	120	127	141	kg.	
90°	257	277	305	lbs.	
32°	117	126	138	kg.	
100°	250	268	290	lbs.	
38°	114	121	132	kg.	

SPECIFICATIONS - CD20

Model Number	Cube Size	Condensing Unit	Compressor Horsepower	Finish*	Ship. Wt. lbs./kgs.
CD20AE-1A	Medium	Air	3/4	Enamel	680/308
CD20WE-1A	Medium	Water	3/4	Enamel	680/308

*Sandalwood baked enamel finish.

Basic Electricals	Running Amps	Max. Oper. Amps	No. of Wires	Min.** Circuit Ampacity	Max. Fuse Size	
Air-Cooled:	115/60/1	10.8	20.9	2	25.2	30
Water-Cooled:	115/60/1	10.3	23.5	2	28.6	30

**Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

*Capacity: Refer to Ice Making Capacity chart.

Storage Bin: Holds up to 150 lbs.
 Height: 64-3/8" (163.5cm) w/o legs
 Width: 40-1/2" (103.7cm)
 Depth: 30-9/16" (77.6cm)
 Metered Ice per Vend: approximately 50 cubes (1-3/4 lbs.)

OPTIONAL LEG KITS

KLP2E: Black Enamel 6" legs.
 KLP2S: Nickel Plated 6" legs.

Key and quarter operation kits included.

IMPORTANT OPERATION REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations or installations where air temperatures are below 50° F. or above 100° F. and the water temperature is below 40° F. or above 100° F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.



TWO YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants to the original purchaser-user, that any commercial product of its manufacture bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This product warranty shall be effective for a period of two years from the date of original installation if such installation is reported on Scotsman's warranty registration form returned to the factory at the time of installation, or for a period of 27 months from date of shipment from the factory if the warranty registration form has not been returned (provided the foregoing warranty periods will be extended for an additional three years as to the motor compressor part). This warranty is applicable only in the United States and Canada.

Scotsman's obligation is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. The serial and model numbers and date of original installation of the product must be given. Charges for labor (except labor performed in the Scotsman factory to repair defective parts) are not covered. No part or assembly which has been subject to accident, alteration or misuse, or which is not installed or serviced in accordance with the user manual furnished with the product, or which is from a machine on which the serial number has been altered or removed, shall be covered by this warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance or installation shall be made by Scotsman's Service Department and shall be final and binding upon the parties.

Scotsman assumes no liability for incidental or consequential damages of any kind or for any damages resulting in whole or in part from misuse or inadequate maintenance of the product or any part thereof.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

PEAK VENDING CHART - STARTING WITH FULL BIN

Average vend is approximately 50 cubes (1 1/4 lbs.). Production based on 90° air, 70° water, air-cooled model.

Vend Frequency Rate	Number of Uninterrupted Vends Available at Rate	Duration of Continuous Ice Supply
Every 2 min./30 per hr.	100	3 1/4 hr.
Every 3 min./20 per hr.	109	5 1/2 hr.
Every 4 min./15 per hr.	116	7 1/2 hr.
Every 5 min./12 per hr.	125	10 1/4 hr.
Every 10 min./6 per hr.	Never runs out of ice	

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



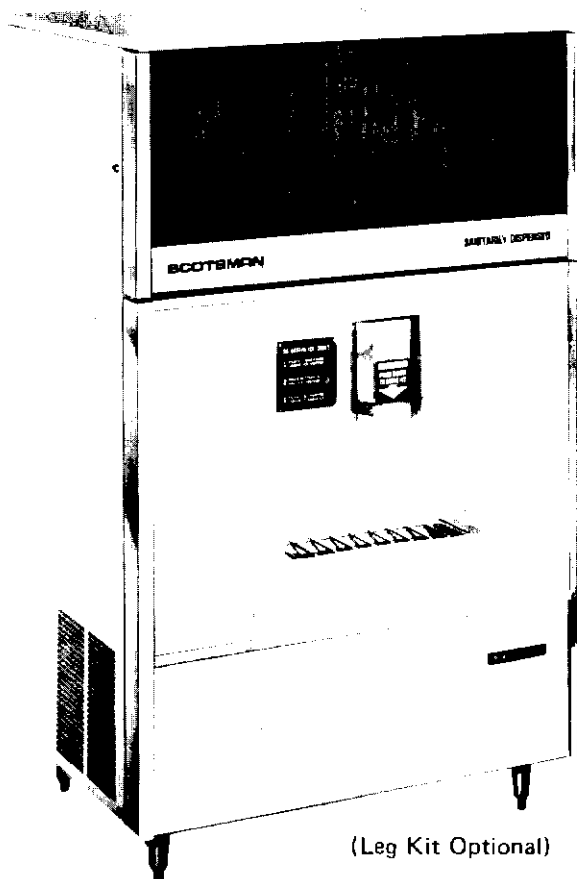
QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MINN. 56007

COMMERCIAL ICE SYSTEMS



SCOTSMAN[®]

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS



(Leg Kit Optional)

CDM-1

automatic cube dispenser

Sanitary system for self-service ice dispensing

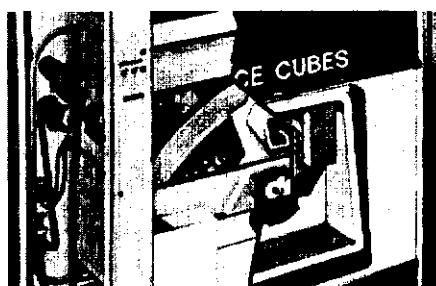
Scotsman engineered an automatic ice cube dispenser that delivers a measured amount of sanitary ice every time. The Scotsman exclusive ice making system produces up to 290* pounds of ice in 24 hours. A completely enclosed, tamper-proof cabinet assures untouched, sanitary ice from every vend. Access to the internal working mechanism can only be gained by use of a special lock located on the side panel. The molded front panel offers easy cleaning . . . no seams or crevices to catch dirt. Any spilled ice or foreign objects dropped into the drain grill are carried away by chute and collected in a drain pan enclosed in the cabinet. Front service access to working parts keeps maintenance and service costs to a minimum. The Scotsman self service ice dispenser meets the standards of local and state health agencies; which is a demand that will probably be required by every state in the future.

*See Ice Making Capacity on other side



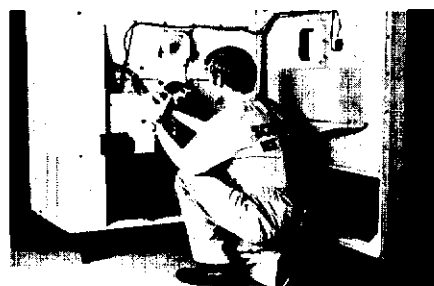
EXCLUSIVE ICE MAKING SYSTEM

Fresh water is jet-sprayed into cube cups continuously during the freezing cycle. Pure water freezes at a higher temperature, thus allowing sediment and other impurities to drain away.



ICE AGITATION

As a measured amount of ice is carried to the hopper, the transport mechanism agitates the cubes to prevent their freezing together. Assures a steady delivery of individual, separated cubes.



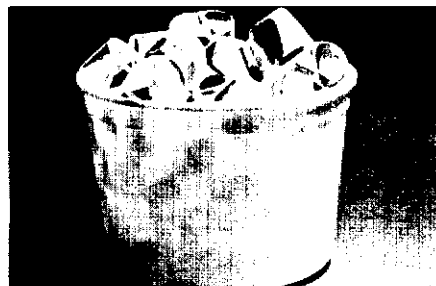
EASY SERVICE ACCESS

Hinged front doors and removable side panels make access for maintenance and cleaning both convenient and economical. Service adjustments can be performed quickly.



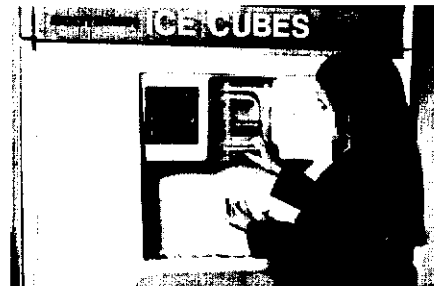
SANITARY ICE

The CDM1 is completely self contained. Ice is manufactured in the machine and stored in a sanitary sealed bin. Cubes are dispensed pure and clean . . . free from contamination, due to objectionable handling or having refuse thrown inside.



MEASURED AMOUNT SERVES MORE ROOMS

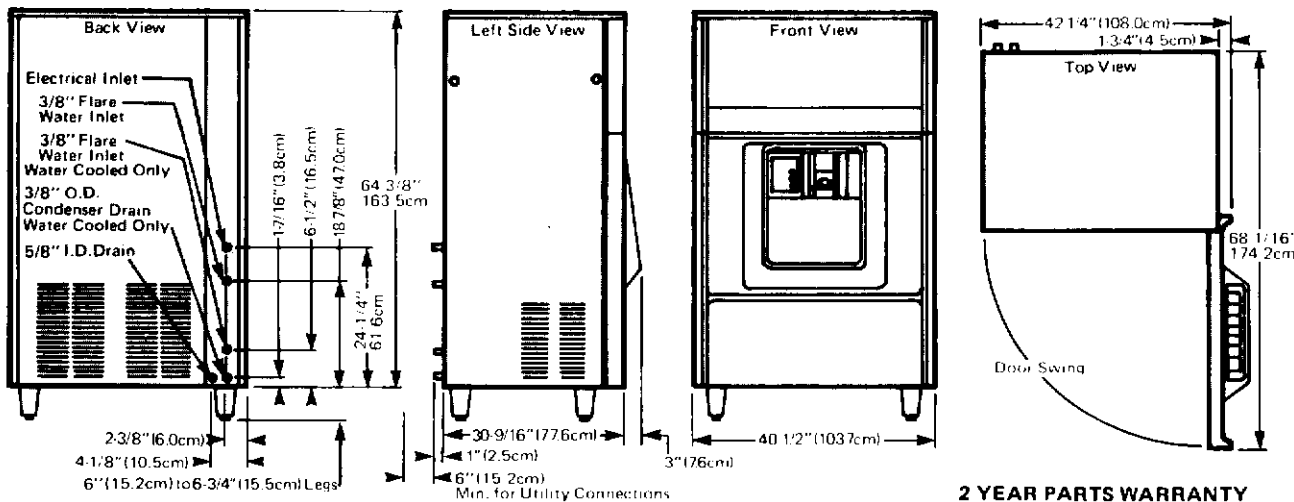
More rooms can be accommodated per machine by discouraging taking more ice than is needed. Ice waste is minimized by portion control. Guests are amply satisfied and overfills are avoided.



SAFETY SHUTOFF

The hopper is designed to guard against fingers getting into the mechanism. As an extra precaution, all moving parts of the feed mechanism are automatically stopped when the dispensing hopper is down.

CDM-1 automatic cube dispenser



*ICE MAKING CAPACITY

Typical Ice Production—Medium Size Cube—Lbs. of Ice per 24 Hours.

CDM1A AIR-COOLED WATER TEMP.

AIR TEMP.	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	260	275	285		lbs.
21°	118	125	129		kg.
90°	220	240	250		lbs.
32°	100	109	113		kg.
100°	190	205	210		lbs.
38°	86	93	95		kg.

CDM1W WATER-COOLED WATER TEMP.

AIR TEMP.	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	250	270	290		lbs.
21°	113	122	132		kg.
90°	240	260	280		lbs.
32°	209	118	127		kg.
100°	230	250	265		lbs.
38°	104	113	120		kg.

*Capacity: Refer to Ice Making Capacity chart.

Storage Bin: Holds up to 150 lbs.
Height: 64-3/8" (163.5cm) w/o legs
Width: 40-1/2" (103.7cm)
Depth: 30-9/16" (77.6cm)

Metered Ice per Vend: approximately 50 cubes (1-3/4 lbs.)

OPTIONAL LEG KITS

KLP2E: Black Enamel 6" legs.
KLP2S: Nickel Plated 6" legs.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F. or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.



SPECIFICATIONS - CDM1

Model Number	Cube Size	Condensing Unit	Compressor Horsepower	Finish*	Ship. Wt. lbs./kgs.
CDM1AE-1A	Medium	Air	3/4	Enamel	680/308
CDM1WE-1A	Medium	Water	3/4	Enamel	680/308

*Sandalwood baked enamel finish.

Basic Electricals	Max. Oper. Amps	No. of Wires	Min. ** Circuit Ampacity	Max. Fuse Size	
Air-Cooled:	115 / 60 / 1	16.4	2	19.3	25
Water-Cooled:	115 / 60 / 1	15.6	2	18.5	25

** Use this value to determine minimum wire size required to meet National Electric Code Standards.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

2 YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two year a equipment under the same conditions as the two year parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any Product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

PEAK VENDING CHART - STARTING WITH FULL BIN

Average vend is approximately 50 cubes (1 3/4 lbs.)

Production based on 80° air, 60° water

Vend Frequency Rate	Number of Uninterrupted Vends Available at Rate	Duration of Continuous Ice Supply
Every 2 min. / 30 per hr.	99	3 3/4 hr.
Every 3 min. / 20 per hr.	112	5 1/2 hr.
Every 4 min. / 15 per hr.	125	7 3/4 hr.
Every 5 min. / 12 per hr.	140	10 hr.
Every 10 min. / 6 per hr.	...	Never runs out of ice ...

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MN 56007

SCOTSMAN
COMMERCIAL ICE SYSTEMS

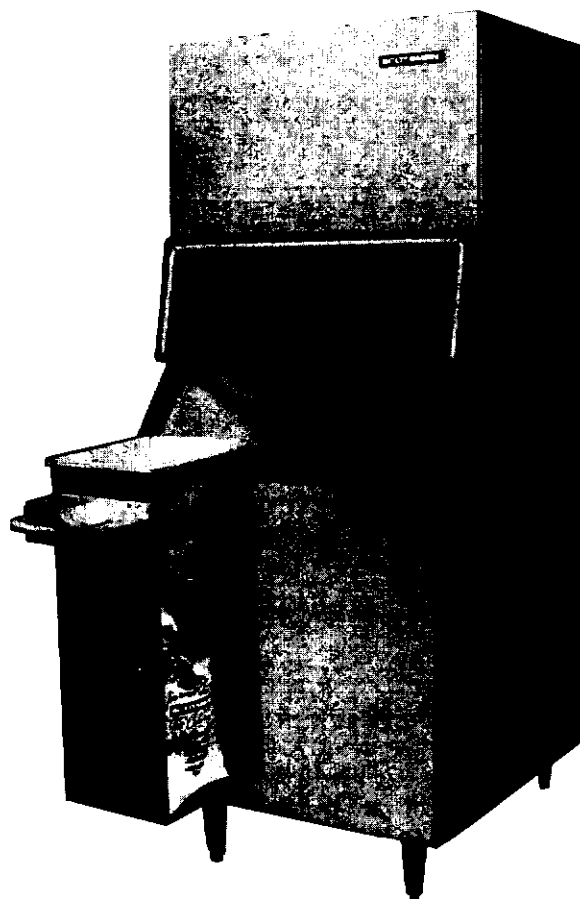
BGS-10

Speedy-Fill Ice Bagger

MAXIMIZE YOUR PROFITS FROM BAGGED ICE

- Saves Time ... Bag-A-Bag in seconds.
- Forget the Mess ... Ice is scooped into bags without spilling.
- Features easy to use bag sealer.
- Simple Design ... BGS-10 hooks over any ice bin opening. Can be attached to either side for right or left hand operation.

DIMENSIONS: H 28½" x W 19¼" x D 10¾"



**SPEEDY-FILL ICE BAGGER
SHOWN ON HTB500 BIN**

It's As Easy As 1 - 2 - 3



FILL



TWIST



SEAL

Kit Includes:

- Speedy-Fill Ice Bagger
- Tape Dispenser (Sealer)
- 1 Roll of Tape, 180 ft. (Will seal approx. 850 bags of ice)
- 1 Wicket of Ice Bags (250)
- Bracket to hook bagger onto bin
- 1 Ice Scoop

To order extra bags —
Order KBAG
(By Case Only) 4 wickets
of 250 bags = 1000 bags

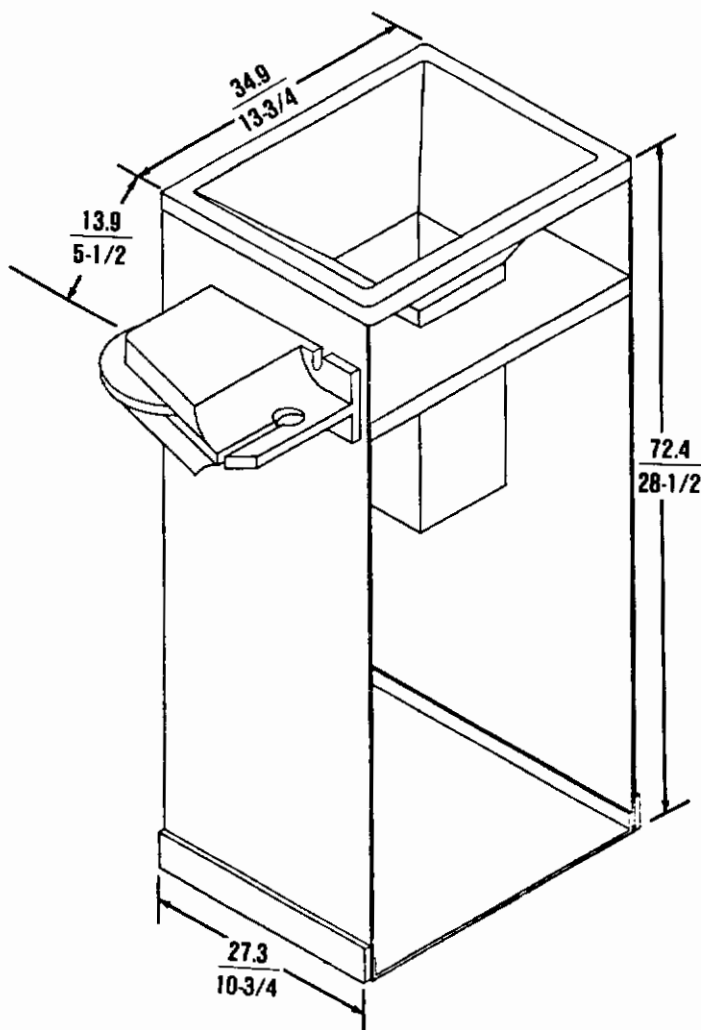
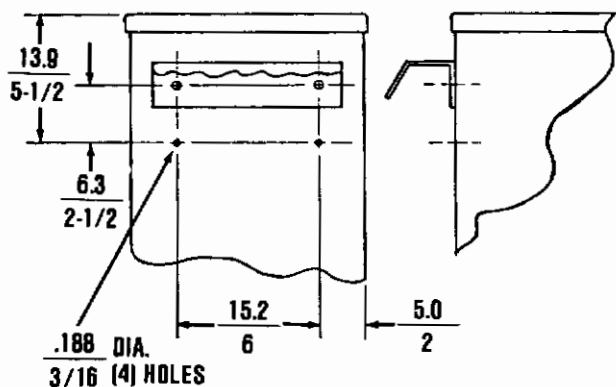
To order extra tape —
Order KTAPE
1 Roll (180 ft.)

SCOTSMAN

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

BGS-10 SPEEDY-FILL ICE BAGGER

CENTIMETERS
INCHES



24 Month Factory Labor coverage.
24 Months on all parts.
More than 1200 Certified Service Dealers
located throughout the U.S. and Canada.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN[®]

A HOUSEHOLD

SCOTSMAN ICE SYSTEMS • 505 FRONT ST. • ALBERT LEA, MN 56007 • (507) 373-3961

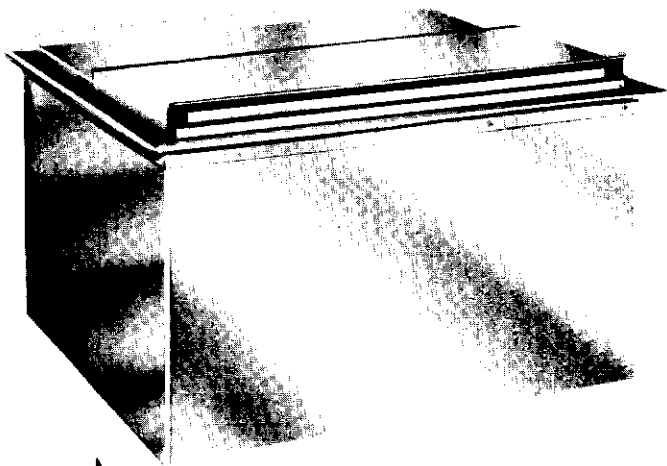
INTERNATIONAL COMPANY

TELEX EASYLINK 62922027

Printed in U.S.A.

NEW!

AVAILABLE
1ST QUARTER
1988



SCOTSMAN
COMMERCIAL ICE SYSTEMS

BI 60 60 LB. DROP-IN
ICE CHEST

BIK60 60 LB. DROP-IN
WITH 8 CIRCUIT
COLD PLATE

BI 80 80 LB. DROP-IN
ICE CHEST

BIK80 80 LB. DROP-IN
WITH 8 CIRCUIT
COLD PLATE

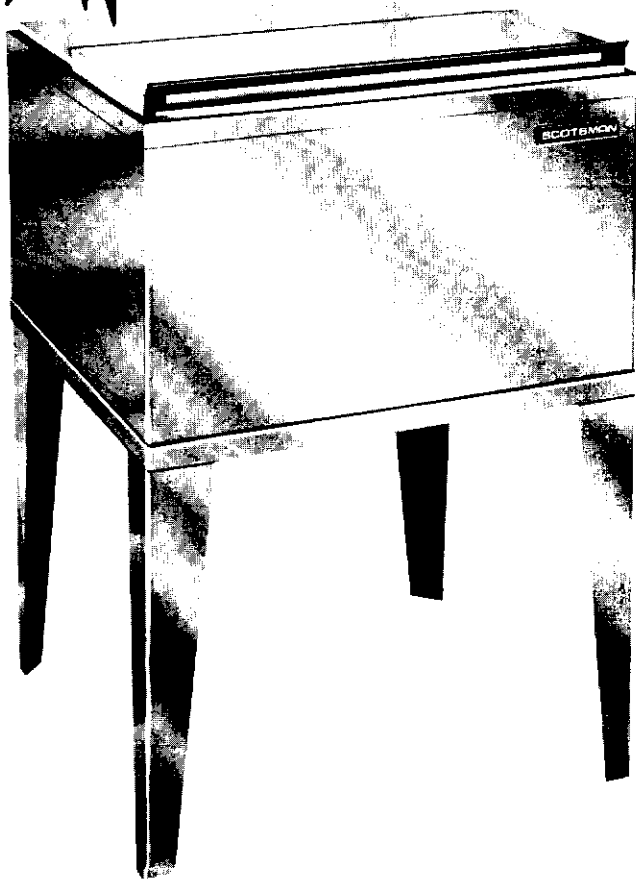
Scotsman drop-in ice chests are all stainless steel, with foamed-in-place insulation, smooth overlapping rims and sliding lids. Chrome-capped holes for product lines and a large brass bottom drain.

Available in two convenient sizes — 60 lbs. storage capacity, and 80 lbs. storage capacity.

Available with or without sealed-in cold plate.

NEW!

AVAILABLE
1ST QUARTER
1988



BL60 60 LB. FREE STANDING
ICE CHEST

BLK60 60 LB. FREE STANDING
WITH 8 CIRCUIT
COLD PLATE

BL80 80 LB. FREE STANDING
ICE CHEST

BLK80 80 LB. FREE STANDING
WITH 8 CIRCUIT
COLD PLATE

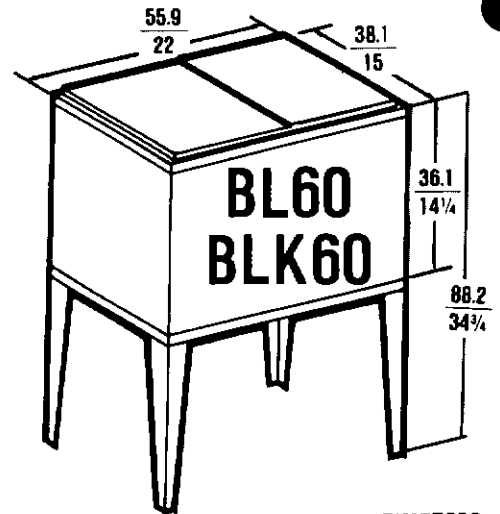
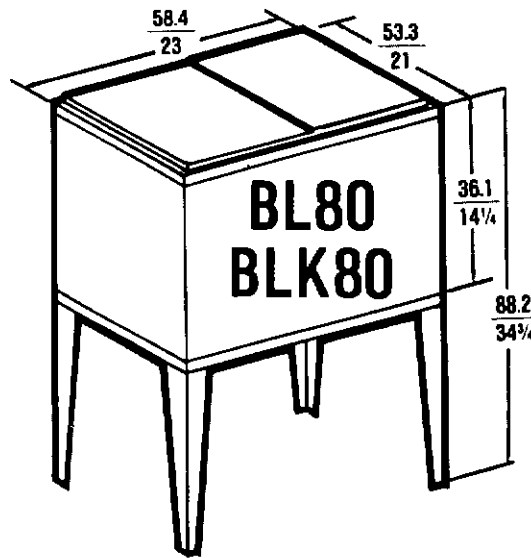
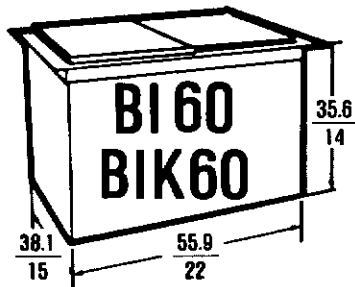
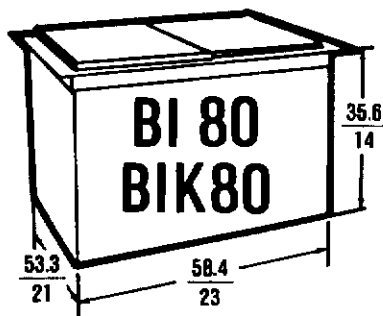
Scotsman freestanding, stainless steel ice chests have foamed-in-place insulation, smooth overlapping rims and sliding lids, chrome capped holes for product lines, and a large brass bottom drain.

Available in two sizes — 60 lbs. storage capacity and 80 lbs. storage capacity.

Available with or without sealed-in cold plate.

Freestanding chest comes with detachable legs.

ICE CHESTS (DROP-IN OR FREE STANDING)



CENTIMETERS
INCHES

These products qualify for the following listing:



SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Bin Capacity	Finish	Shipping Weight Lbs./Kg.
DROP-IN ICE CHESTS				
BI 60	14 x 22 x 15	60 lbs.	SS	31/14
BIK60 w/8 Circuit Cold Plate	14 x 22 x 15	60 lbs.	SS	w/Cold Plate 78/35
BI 80	14 x 23 x 21	80 lbs.	SS	39/18
BIK80 w/8 Circuit Cold Plate	14 x 23 x 21	80 lbs.	SS	w/Cold Plate 121/55
FREESTANDING ICE CHESTS				
BI 60	34 3/4 x 22 x 15	60 lbs.	SS	42/19
BIK60 w/8 Circuit Cold Plate	34 3/4 x 22 x 15	60 lbs.	SS	w/Cold Plate 87/40
BI 80	34 3/4 x 23 x 21	80 lbs.	SS	47/21
BIK80 w/8 Circuit Cold Plate	34 3/4 x 23 x 21	80 lbs.	SS	w/Cold Plate 130/59

(SS) Stainless Steel Finish.

Note: Free standing ice chests are shipped in two cartons, one containing leg assembly and in the other the ice chest.

WARRANTY — SATISFACTION

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN[®]

A HOUSEHOLD

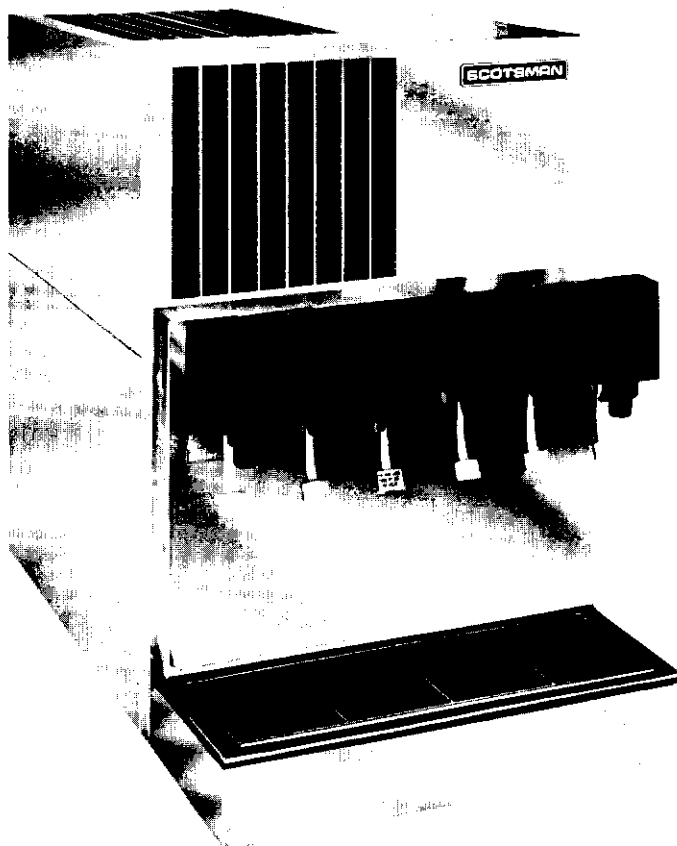
SCOTSMAN ICE SYSTEMS • 505 FRONT ST. • ALBERT LEA, MN 56007 • (507) 373-3961

INTERNATIONAL COMPANY

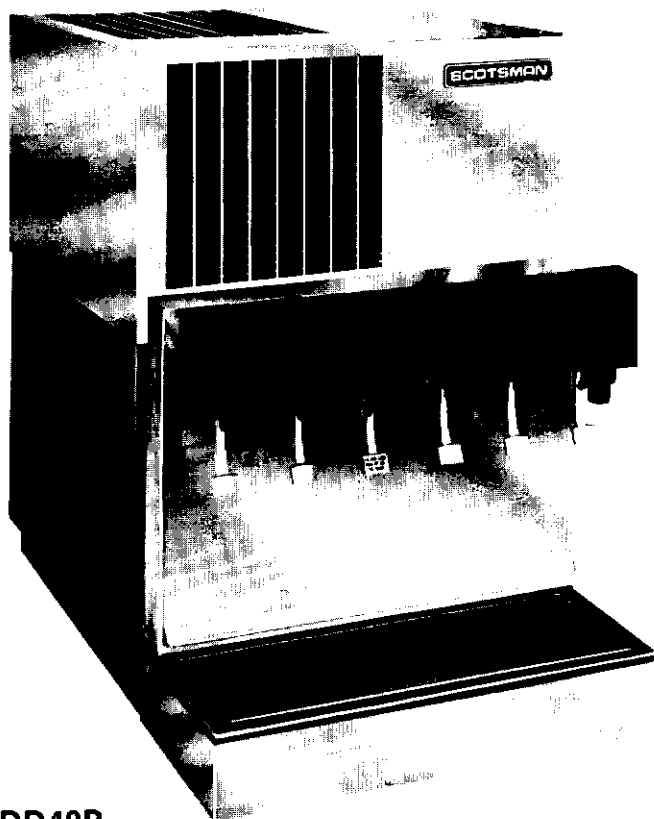
S-103-88

TELEX EASYLINK 62922027

Printed in U.S.A.



DD40S
STAINLESS STEEL FINISH



DD40P
DARK BROWN POLYETHYLENE FINISH
WITH STAINLESS STEEL TOP

SCOTSMAN
 COMMERCIAL ICE SYSTEMS



AVAILABLE
1ST QUARTER
1988

DD40S+6

40 lb. Ice Bank
 Drink Dispenser
 With 6 Drink Valves

This SCOTSMAN Drink Dispenser is designed for large volume post-mix accounts. The dispenser is available with either a stainless steel or molded polyethylene base.

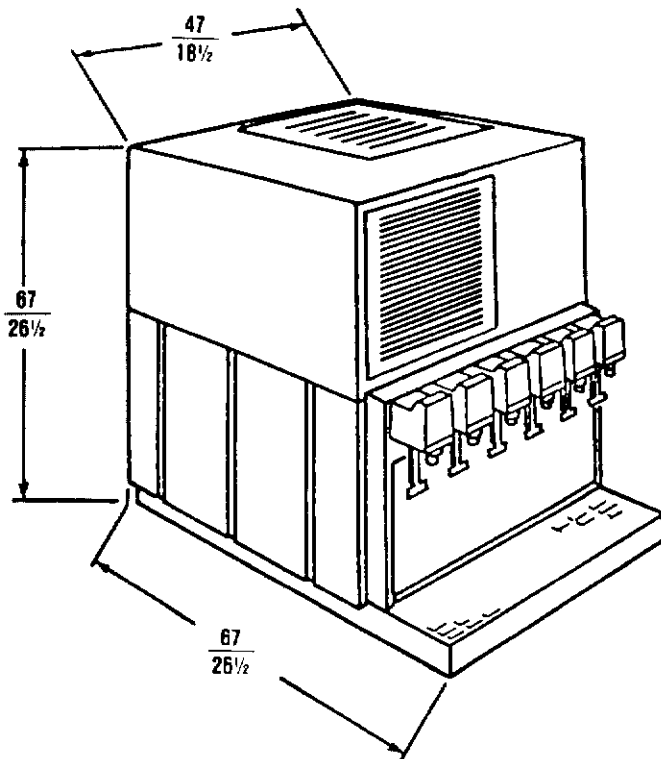
- Foamed urethane insulation eliminates condensation.
- Sealed 40 lb. ice bank reserve.
- Will accommodate up to 6 fast-flow valves.
- Utilizes a flooded dual inlet stainless steel carbonated water manifold for fast flow applications.
- Valves — Six Booth, standard flow.
- Two 3/8" small flare inlet water fittings.
- 1/3 h.p. compressor.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

DD40S+6 ICE BANK DRINK DISPENSER



**CENTIMETERS
INCHES**

These products qualify for the following listings:



SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Ice Bank	Finish	Electrical	Comp. H.P.	Shipping Weight Lbs./Kg.
DD40P+6B-1A	26½ x 18½ x 26½	40 lbs.	Dark Brown Polyethylene	115	1/3	130/59
DD40S+6B-1A	26½ x 18½ x 26½	40 lbs.	SS	115	1/3	130/59

REFRIGERATION CAPACITY:

Number of 12-oz. drinks at or below 40° F.

Drinks per minute	@ 75° F product, water and ambient	@ 90° F product, water and ambient
4	240	110

CARB 100

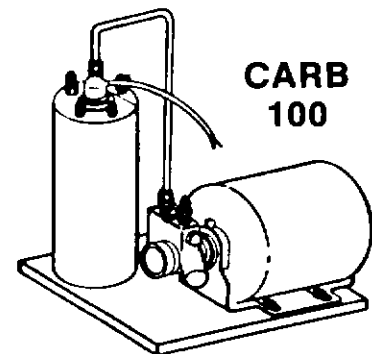
100 G.P.H. pump provides sufficient carbonated water for peak usage.

Carbonator Tank Assembly with solid state float probe/liquid level control.

Silent operation eliminates noise. 1/3 H.P. Motor.

3/8" soda outlet and double check valve assembly. Double-ball stainless steel check valves prevent back flow.

KINSDD — Installation Kit for DD40. Includes: High Pressure Regulator, Low Pressure Regulator, 100 feet of Braided Tubing, and fittings for 6 Valves.



These products qualify for the following listings:



SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Electrical	Motor H.P.
CARB 100	15¾ x 12¼ x 9¼	115/60/1	1/3

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

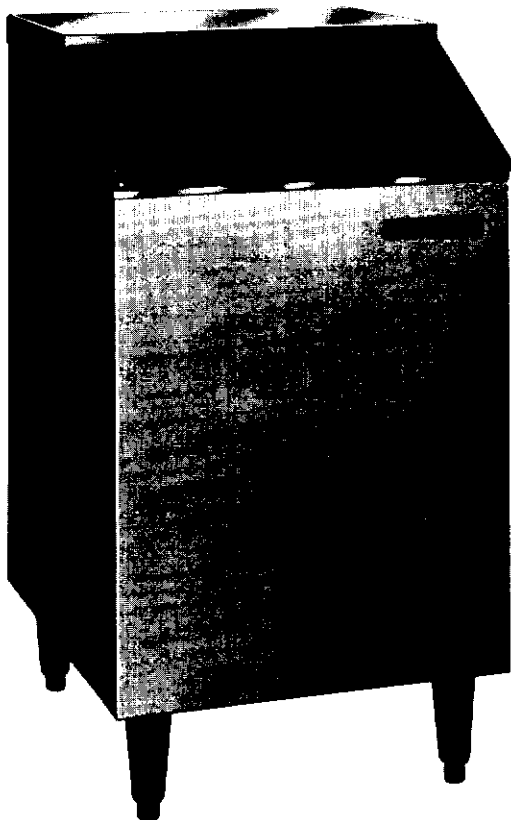
SCOTSMAN ICE SYSTEMS • 505 FRONT ST. • ALBERT LEA, MN 56007 • (507) 373-3961
S-102-88

INTERNATIONAL COMPANY
TELEX EASYLINK 6292207 Printed in U.S.A.



SCOTSMAN

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

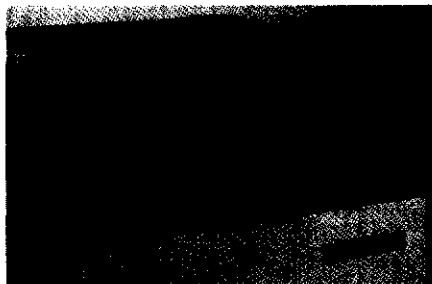


ICE STORAGE BIN
(Leg Kit optional)

* 170 pound B20 bin

An attractive, compact bin with a big 170 lb. ice storage capacity. The B20 Bin takes up less than 4 sq.ft. of floor space and fits perfectly under a counter or bar. Use an MF Series flaker located next to the bin and automatically feed flaked ice to the B20. The sanitary bin liner is molded of high density polyurethane for easy cleaning . . . no corners to collect dirt. The B20 Bin is the perfect size for multiple locations . . . compact, convenient. Whatever your ice storage needs, look to Scotsman for the efficient, economical solution.

*See Capacity Rating on other side.



SLIDE-AWAY ACCESS DOOR

The door slides under the bin top . . . out of the way for easy access to ice, and closes to a tight seal when not in use.



BIN LINER

Bin liner is made of one-piece molded, high density polyurethane . . . sanitary, strong and easy to clean.



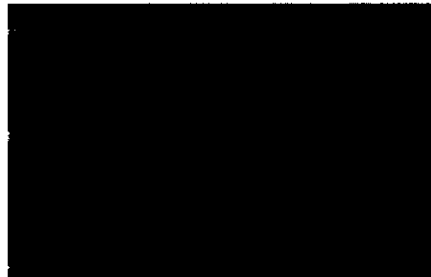
COMBINATION FLAKER and BIN

An MF Series flaker model can be placed on either side or behind the B20 and flaked ice can automatically be fed into the bin.



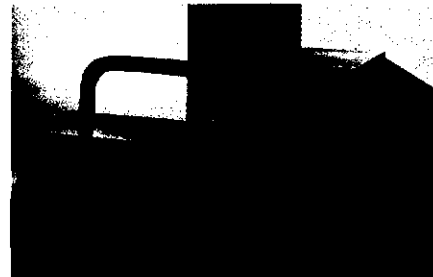
POLYURETHANE INSULATION

A foam insulation forced between bin walls under heat and pressure forms a perfect wall-to-wall bond.



UNDER-COUNTER INSTALLATION

Only 34 inches high (without legs), the B20 Bin fits perfectly under a counter. An ideal size for multiple locations.



REMOTE SYSTEM

Ice can be transported remotely from an MF Series flaker model located in another room. Valuable floor space in the activity area is utilized only for the storage bin.

B20 bin

CAPACITY RATING

Maximum Bin Capacity: 5.94 cu.ft.
Holds 170 lbs. cube ice, 15% less for
flake ice. Storage based on 90% of
total volume x average density of ice.

SPECIFICATIONS

Use with MF 3, MF 4, or MF 5 Series
flaker models.

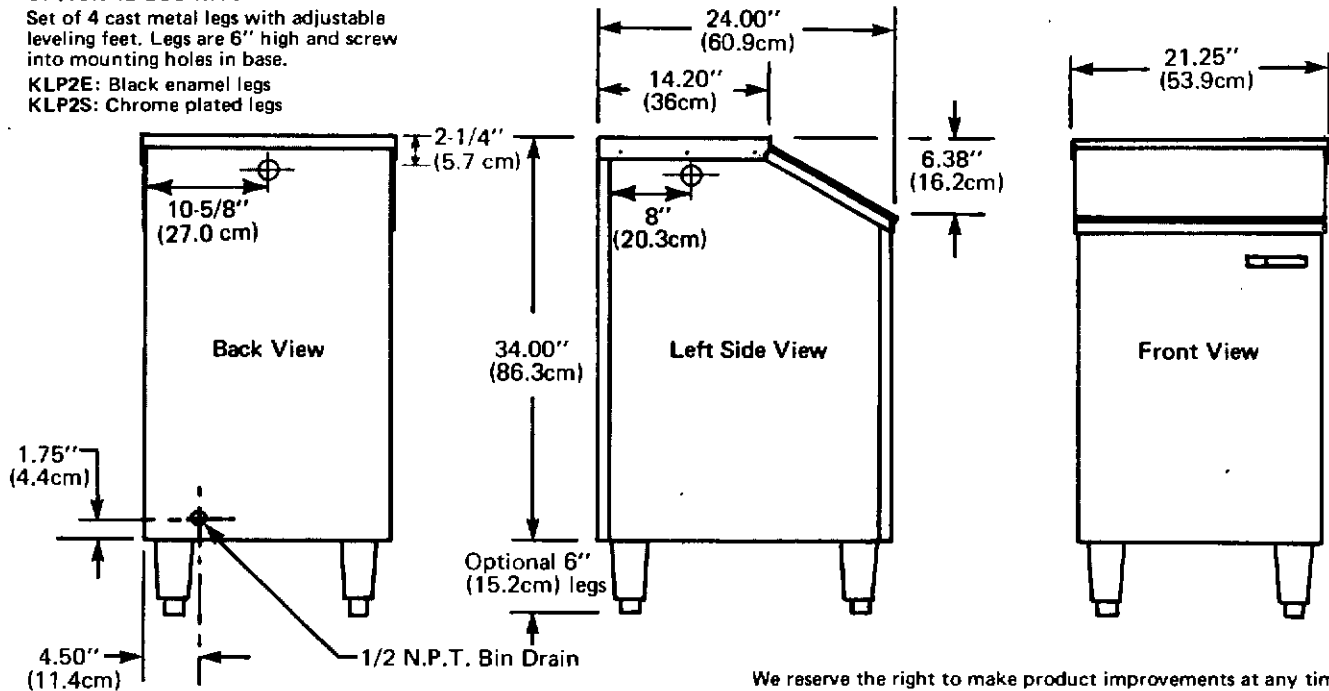
EB-20: Sandalwood enamel exterior.
SB-20: Stainless steel exterior.
Shipping Wt: 70 lbs.

Optional 1 3/4" inlet knock outs in
back and both sides.

OPTIONAL LEG KITS

Set of 4 cast metal legs with adjustable
leveling feet. Legs are 6" high and screw
into mounting holes in base.

KLP2E: Black enamel legs
KLP2S: Chrome plated legs



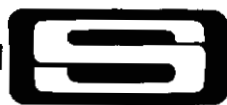
We reserve the right to make product improvements at any time.
Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



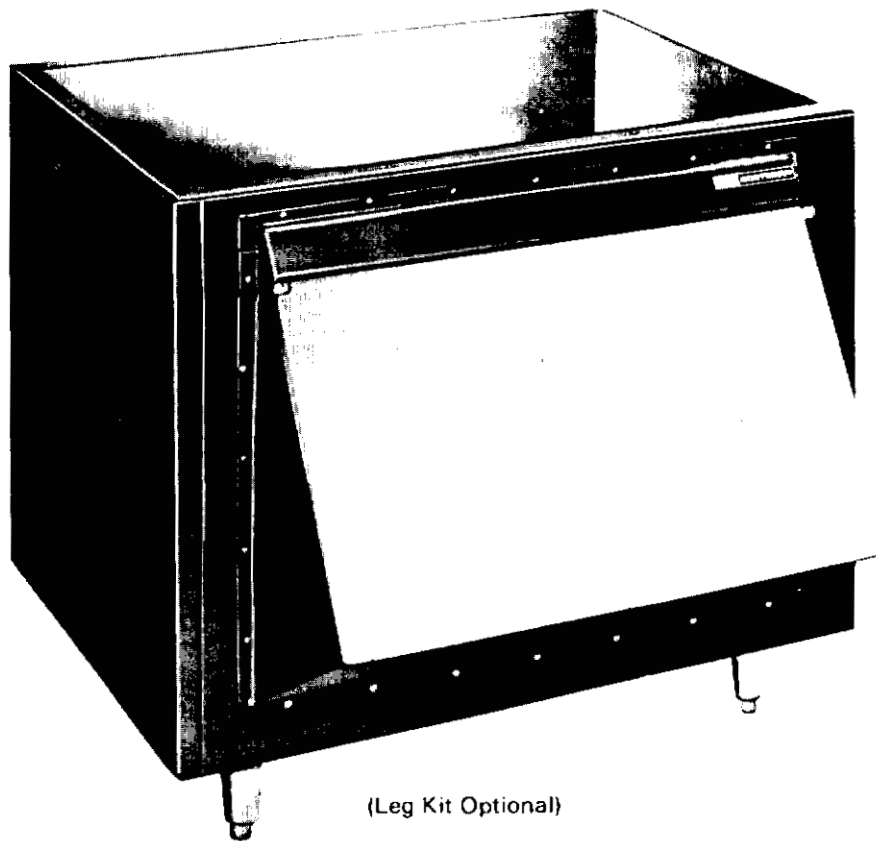
COMMERCIAL ICE SYSTEMS / HOME ICE MAKERS

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MINN. 56007



SCOTSMAN[®]

COMMERCIAL ICE SYSTEMS



(Leg Kit Optional)

*590 pound B 80 bin

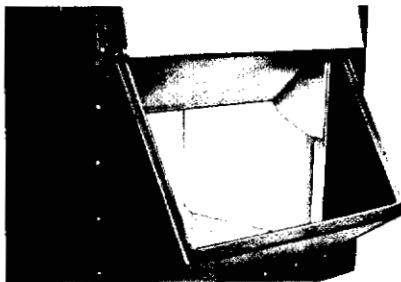
One of the high-volume units of the Scotsman Modular Bin System. . . provides an ice storage capacity of 590 lbs. The MC Series cuber models or MF3, MF4, MF5 or MF6 Series flakers can be mounted on top. Increase ice storage capacity by adding bin extensions on top of the B80 Bin.

*See Capacity Rating on other side.



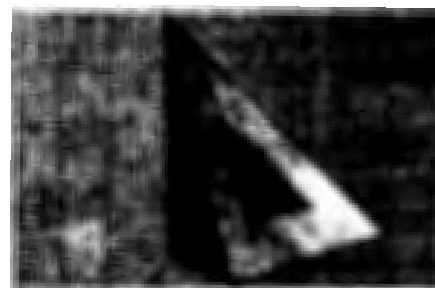
EASY ACCESS DOOR

Formed of high impact A.B.S. Material and filled with Polyurethane foam. Attractive color combination of Burnt Orange Door and Charcoal Brown cabinet.



BIN LINER

Sanitary bin liner is constructed of all stainless steel with smooth inside seams. Inside baffle above door prevents ice from falling out when bin is full and door is opened.



POLYURETHANE INSULATION

A foam insulation forced between bin walls under heat and pressure forms a perfect wall-to-wall bond.



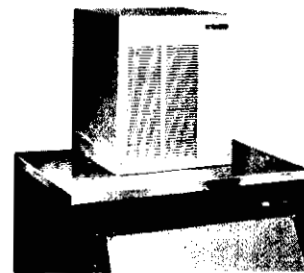
BIN EXTENSIONS

Two bin extensions available to increase ice storage capacity by 200 and 400 lbs., 600 lbs. total.



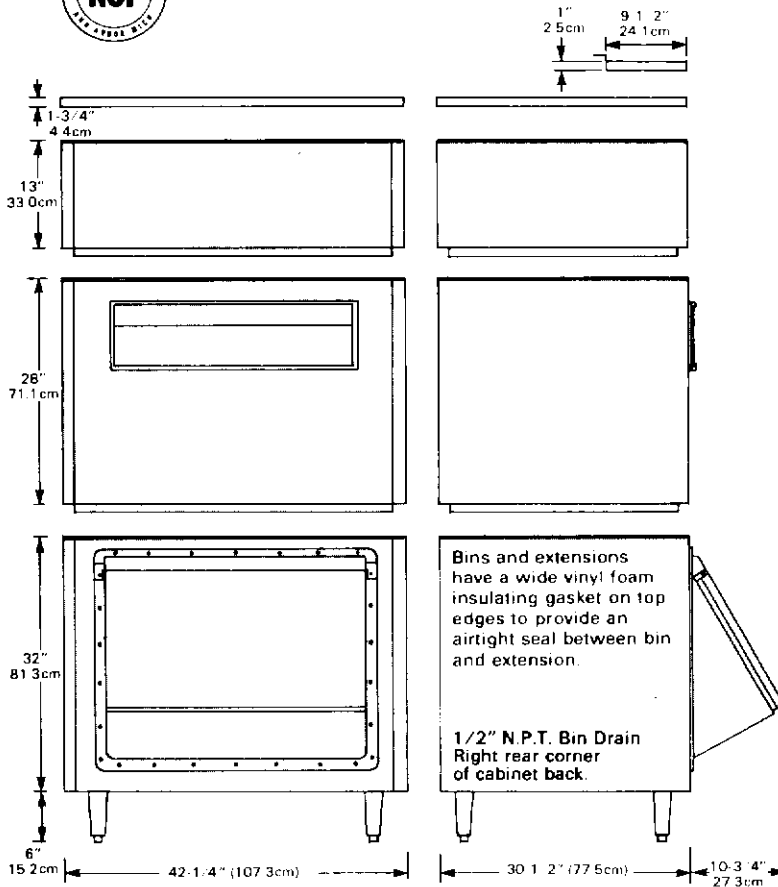
MOUNT CUBER ON TOP

The MC Series cuber models can be mounted on top of bin or extension using KBT2 bin cover.



MOUNT A FLAKER ON TOP USING KBT4
One or more MF3, MF4 or MF5 flakers can be mounted on top or in a remote location. MF6 needs no bin cover.

B 80 bin



KBT2 BIN COVER

Use with MC Series cuber models. Stainless steel only.
Shipping Wt: 8 lbs. (3.64 kg)

KBT4 BIN COVER

Use with MF Series flaker models. Stainless steel only.
Shipping Wt: 40 lbs. (18.2 kg)

BX83 BIN Extension

Increased Ice Storage Capacity: 200 lbs. (91 kg)
EBXB3: Charcoal Brown enamel.
SBXB3: Stainless Steel.
Shipping Wt: 46 lbs. (20.9 kg)

BX85 BIN Extension

Increased Ice Storage Capacity: 400 lbs. (182 kg).
Plexiglass sliding door on access port.
EBX85: Charcoal Brown enamel.
SBX85: Stainless Steel.
Shipping Wt: 88 lbs. (40 kg)

B80 BIN

EB-80: Charcoal Brown enamel exterior with orange door.
SB-80: Stainless Steel exterior with gray door.
Shipping Wt: 196 lbs. (89.2 kg)

OPTIONAL LEG KITS

Set of 4 cast metal legs with adjustable leveling feet. Legs are 6" high and screw into mounting holes in base.

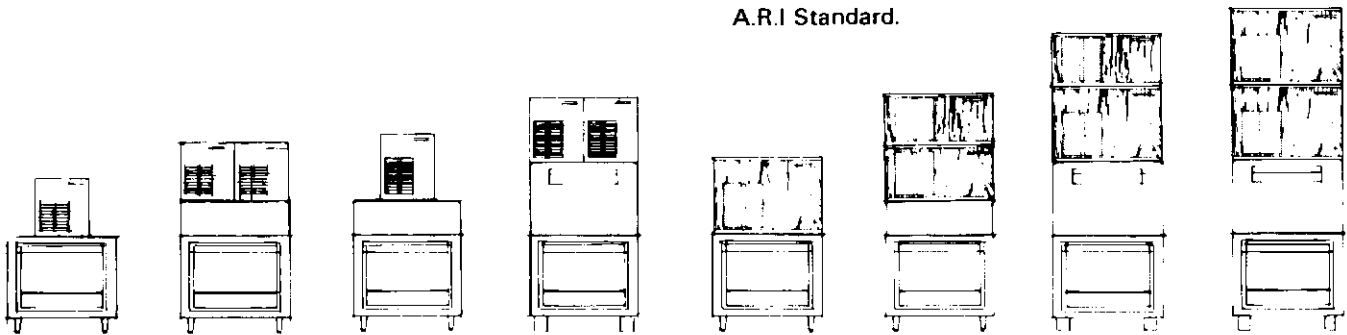
KLP2E: Black enamel legs.
KLP2S: Chrome plated legs.

KLP3: Optional leg kit for B80. Cast aluminum 6" square leg package is recommended when stacked units exceed 96 inches.

B-80 BIN CAPACITY RATING

Maximum Bin Capacity: 19.3 cu. ft. Holds 590 lbs. (268 kg) cube ice, 15% less for flake ice. Storage based on 90% of total volume x 34 lbs. average density of ice.

A.R.I Standard.



Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

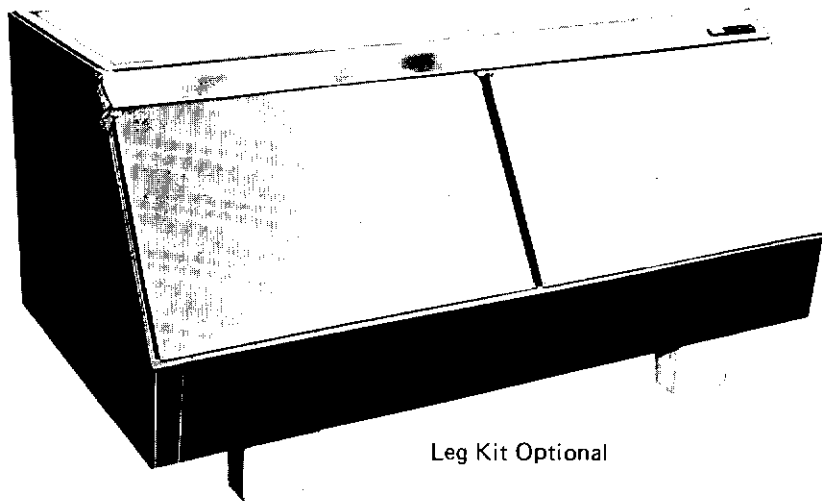
SCOTSMAN
COMMERCIAL ICE SYSTEMS

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MINN. 56007



SCOTSMAN[®]

COMMERCIAL ICE SYSTEMS



* 860 pound B120 bin horizontal bin

Leg Kit Optional

The B120 bin offers high volume ice storage with a low profile. Only 29 inches high, 35 inches with legs, the B120 was designed to hold up to 860 pounds.

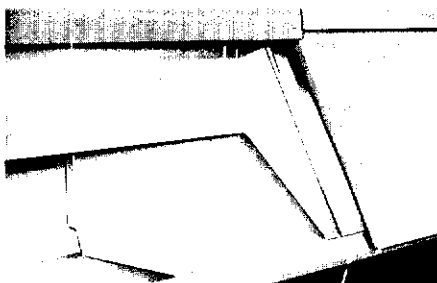
A high volume modular cuber is the companion for the B120. The HC1200 Horizontal Cuber produces up to 1325 pounds of ice in 24 hours and can be stacked on top of a B120 bin.

Two bin extensions are available. The BX113 increases storage by 350 pounds and the BX128 by 720 pounds. Because of Scotsman's modular concept, ice making units and bin extensions can be added without replacing the original system.

Another versatile innovation designed into the B120 bin and extensions is dividers which can be added to separate storage into two areas. This allows for stacking a cuber on one side and a flaker on the other . . . a highly flexible concept in ice production and storage.

A corrosion resistant baked enamel finish of rich charcoal brown and burnt orange doors of high density, linear polyethylene, make the B120 as attractive as it is practical.

* See Capacity Rating on other side.



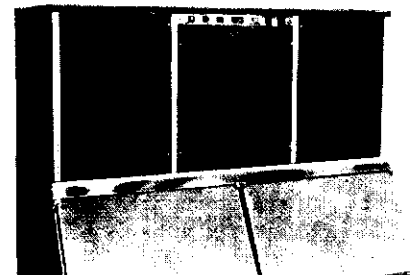
BIN LINER AND OPTIONAL DIVIDER

Bin liner and divider are made of sanitary, easy to clean heavy gauge stainless steel. The divider separates the bin into two compartments, one for flake ice, the other for cubes. Optional divider kit for B120 - KBD120.



BIN EXTENSIONS

The BX128 increases ice storage by 720 lbs. and BX113, 350 lbs. Optional divider kits are available for both extensions - KBD128 for BX128 extension and KBD113 for BX113 extension. Optional KBT5 top.



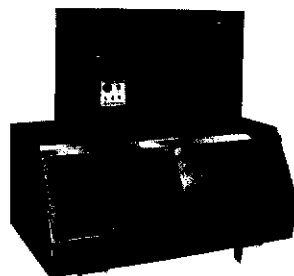
HC1200 HORIZONTAL CUBER

A specially designed volume production cuber, fits perfectly on a B120 bin and extensions. Producing up to 1325 lbs. of cube ice in 24 hours both cuber and bin, including legs, are under 6 feet in height.



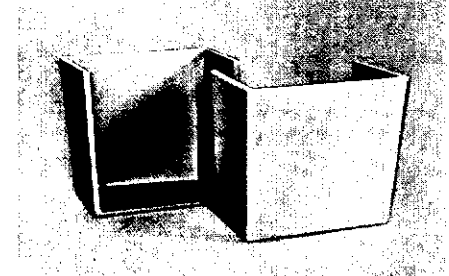
DOUBLE DUTY STORAGE

Through the addition of bin and extension dividers, a B120 bin can accommodate storage for both flake ice and cube ice. In this case an MF4 flaker and MC40 cuber are installed on a single storage unit.



VOLUME FLAKE ICE STORAGE

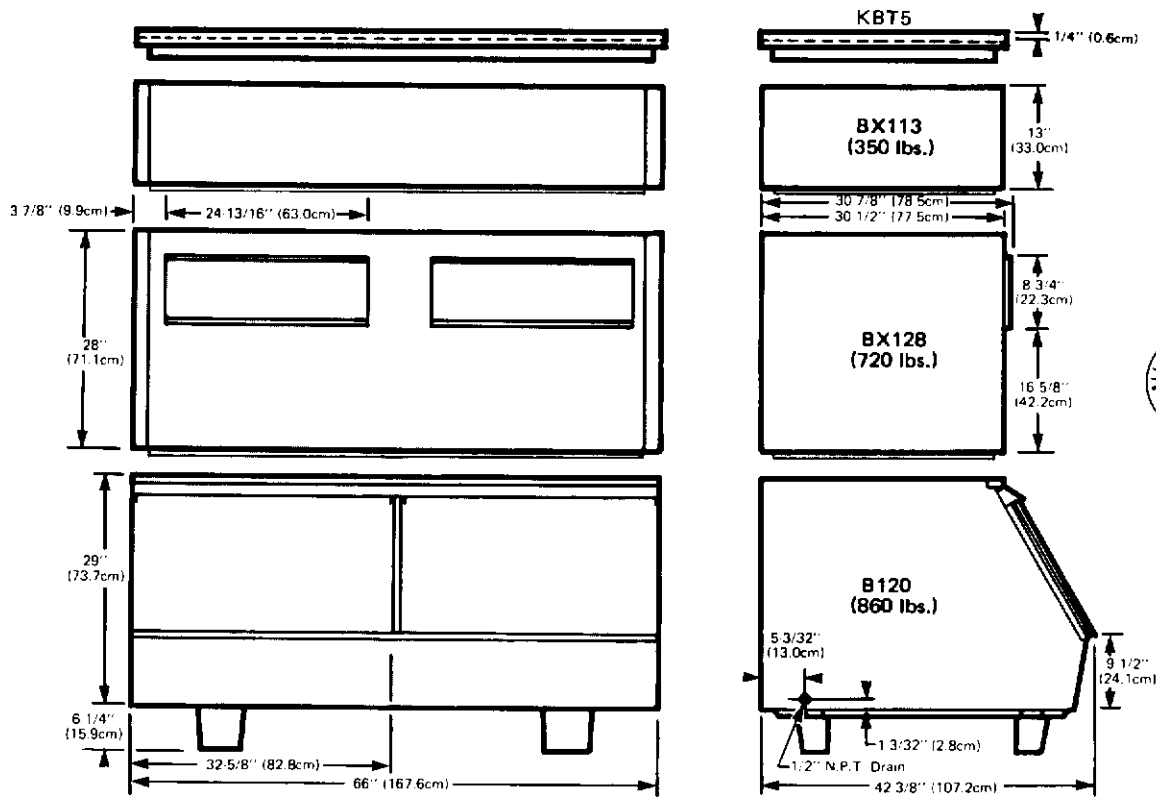
For volume flake ice storage, mount an MF6 Flaker on top of the B120 bin. The low profile and two large access doors featured on the B120 bin, offer fast convenient ice removal.



HEAVY-DUTY LEGS

The KLP3 optional leg kit consists of four cast aluminum square legs. These heavy-duty 6" legs bolt directly into the B120 base channels.

B120 bin horizontal bin



SPECIFICATIONS

KBT5 BIN TOP
Stainless steel for use with MC cubers and MF series flakers.
Shipping Weight: 80 lbs. (36 kg)

BX113 Increased ice storage capacity: 350 lbs. (158 kg),
cubic feet: 11.7 (0.33 cu.m.)

EBX113 Charcoal Brown Enamel
SBX113 Stainless Steel
Shipping Weight: 73 lbs. (33 kg)

BX128 Increased ice storage capacity: 720 lbs. (326 kg),
cubic feet: 23.6 (0.67 cu.m.)

EBX128 Charcoal Brown Enamel
SBX128 Stainless Steel
Shipping Weight: 145 lbs. (66 kg)

B120 BIN Holds up to B60 lbs.

EB120 Charcoal Brown Enamel Cabinet, Burnt Orange
High Density Linear Polyethylene Doors
SB120 Stainless Steel Cabinet, Gray High Density
Linear Polyethylene Doors
Shipping Weight: 372 lbs. (169 kg)

CAPACITY RATING

Maximum bin capacity 860 lbs. (390 kg), cubic feet
28.1 (0.8 cu.m.) Cube ice, 15% less for flake ice. Storage
based on 90% of total volume x 34 lb. average density of ice.
A.R.I. Standard.

OPTIONAL ACCESSORIES

IMPORTANT: KID10 cube deflector kit for B120 bin. MC series cubers require one cube deflector kit. HC series cubers require two cube deflector kits.

Cube deflectors are stainless steel, designed for uniform disbursement of cubes for more efficient bin filling.

KLP3 OPTIONAL HEAVY DUTY LEG KIT

Four 6" cast aluminum square legs, bolt to base channels.

KBD120 BIN DIVIDER KIT

Stainless steel divider mounts at center of bin interior to separate cubes and flakes (can be installed on location at any time).

KBD113 BIN EXTENSION DIVIDER KIT

Stainless steel divider for BX113 bin extension.

KBD128 BIN EXTENSION DIVIDER KIT

Stainless steel divider for BX128 bin extension.

KDEMC10 MC SERIES CUBER DRAIN EXTENSION KIT

Attaches to MC model cuber drain to carry water to back of bin. This is necessary when cuber is flush-mounted with front of bin.

Combined Bins and Extensions	B120	BX113 B120	BX128 B120	BX113 BX128 B120
Total Ice Storage lbs.	860	1210	1580	1930

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MINN. 56007

COMMERCIAL ICE SYSTEMS

SCOTSMAN®

ICE MACHINES

PRODUCT NAME:

SCOTSMAN BIN MODEL B200 SERIES

MANUFACTURER:

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007

SERIES B200

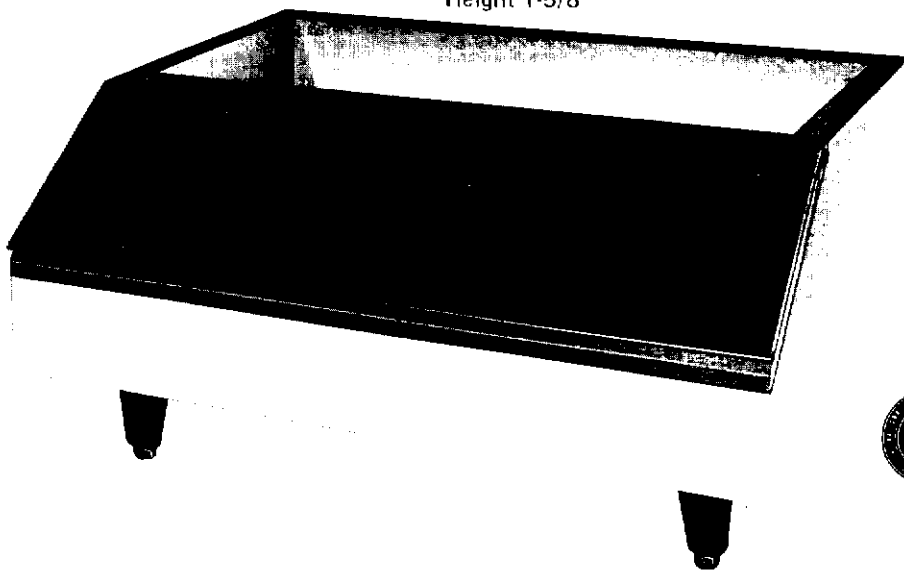
Use with MC1 and MC2 series cubers or MF3, MF4, MF5 series flakers. Holds up to 208 pounds of Scotsman ice. Width: 42-1/4", Depth: 30-1/2", Height (With legs) 20" to 20-3/4", Height (Without legs) 14". Hinged door opening 9-3/4" x 39". Drain Fitting 1/2 NPT.

B200: Heavy-gauge steel with sandlewood micomatte finish, stainless steel interior. Shipping weight: 138 lbs.

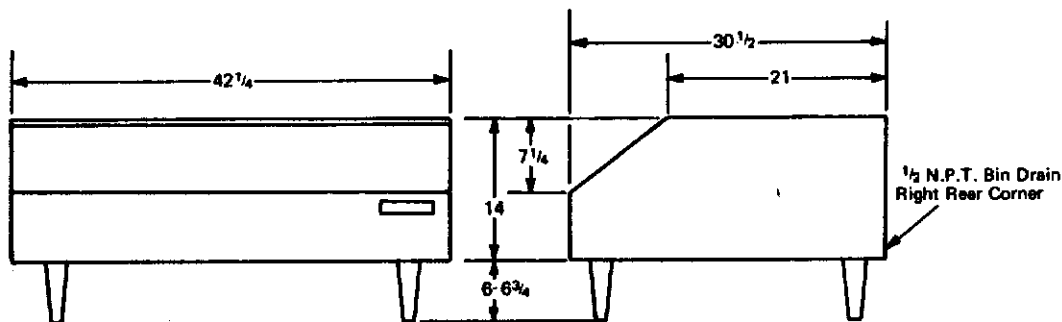
B200SS: Heavy-gauge stainless steel inside and out, chrome-plated legs. Shipping weight: 138 lbs.

NOTE: Optional Bin Extension Kit Model KBE75 adds approximately 75 lbs. of ice storage. Width 42-1/4", Depth 21", Height 6".

Optional insulated stainless steel top kit KBT1 provides cover for bin or extension kit. Also provides base for mounting MF model flakers. Width 42-1/4", Depth 21", Height 1-5/8"



DRAIN IN RIGHT REAR CORNER



Specifications subject to change without notice.

SCOTSMAN[®] ICE MACHINES

PRODUCT NAME:

SCOTSMAN[®] BIN MODEL B400 SERIES

MANUFACTURER:

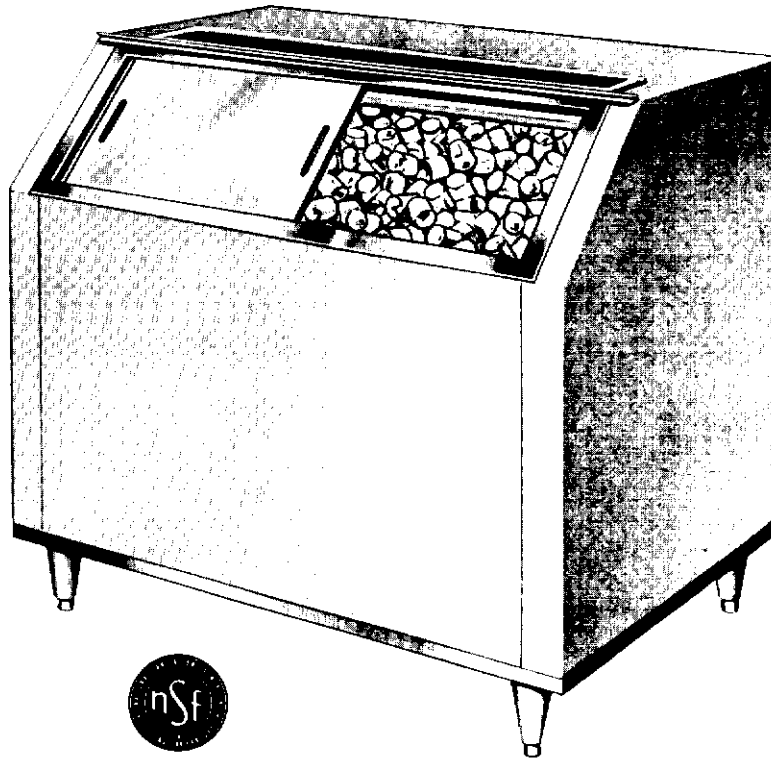
QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007

SERIES B400

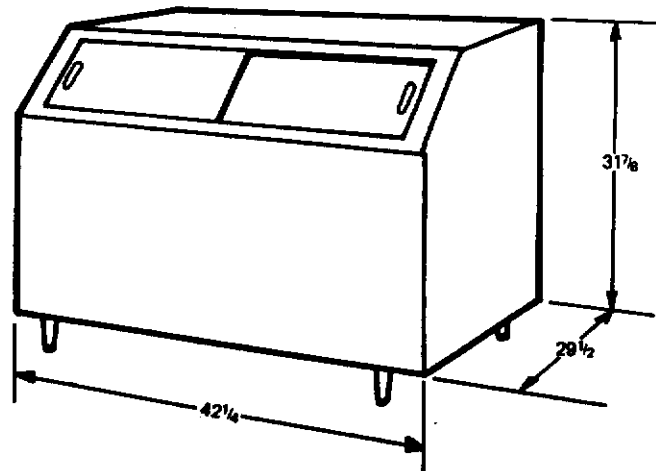
Use with SC500, SM505 and MM510 Series Cubers. Holds up to 400 pounds of Scotsman ice. Width: 42-1/4", Depth: 29-1/2", Height (With legs): 39-7/8" to 40-5/8", Height (Without legs): 31-7/8". Sliding door opening 9-5/8" x 15-3/4". Drain Fitting 1/2" NPT.

B400H: Heavy-gauge steel with painted finish, stainless steel interior. Shipping weight: 224 lbs.

B400HSS: Heavy-gauge stainless steel inside and out, chrome-plated legs. Shipping weight: 230 lbs.



DRAIN IN BOTTOM AND CENTERED

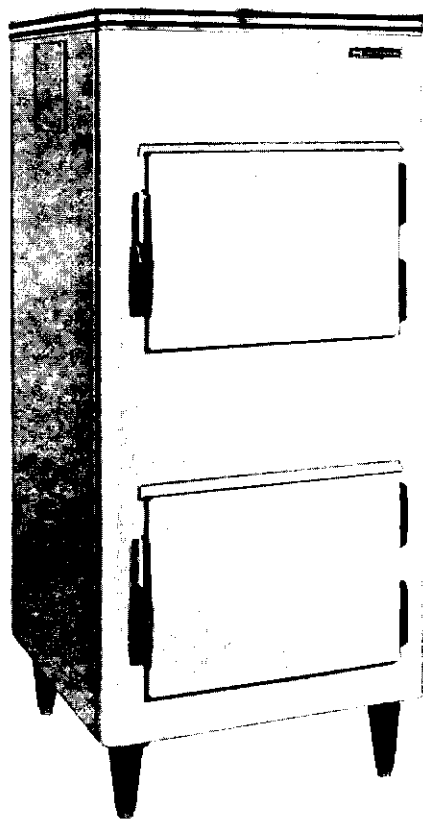


Specifications subject to change without notice.



SCOTSMAN

COMMERCIAL ICE SYSTEMS/HOME ICE MAKERS

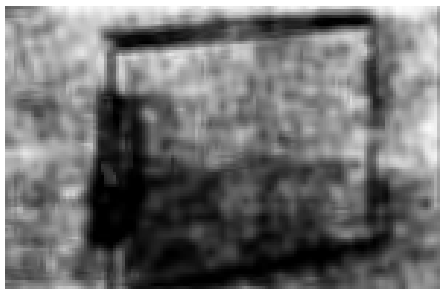


(Leg Kit Optional)

*500 pound B500 vertical bin

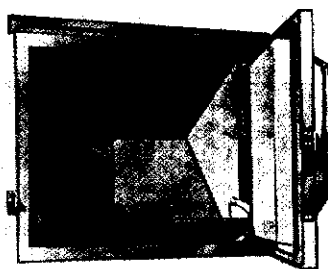
The vertical design of the B500 bin is ideal for volume storage where floor space is at a premium. It will store up to 500 pounds of ice. Two access doors permit easy removal of ice when bin is full or after the supply has gone down. Both doors are heavy duty with tight seals to keep the cold inside. A unique baffle arrangement prevents ice from spilling out when door is opened. Heavy duty latches and hinges were designed for hard use and long wear. An MF3, MF4 or MF5 modular flaker unit can be mounted on top, to feed ice automatically to the bin. The bin liner is made of all heavy gauge stainless steel, sanitary and easy to clean. A choice of two models is available; Sandalwood baked-on enamel exterior or stainless steel inside and out. Scotsman manufactures a complete line of bins and extensions to satisfy any ice storage needs.

**See Capacity Rating on other side.*



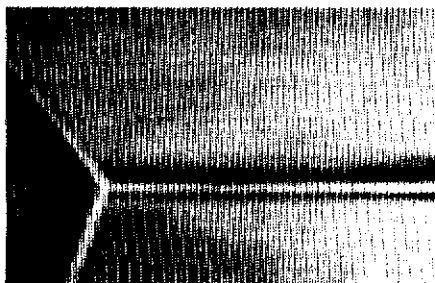
ACCESS DOOR

Access door, with heavy duty latch and hinges, forms a perfect seal against outside temperatures.



NO SPILL FEATURE

Stainless steel baffles carry ice to the door opening for easy access, but prevent ice from spilling onto the floor.



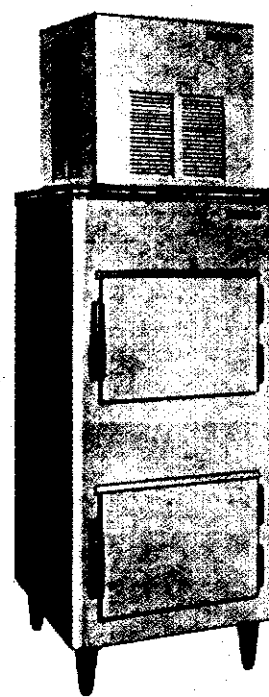
BIN LINER

The bin liner is made of heavy gauge stainless steel, welded together and polished to make a complete seamless storage area . . . sanitary and easy to clean.



FULLY INSULATED CABINET

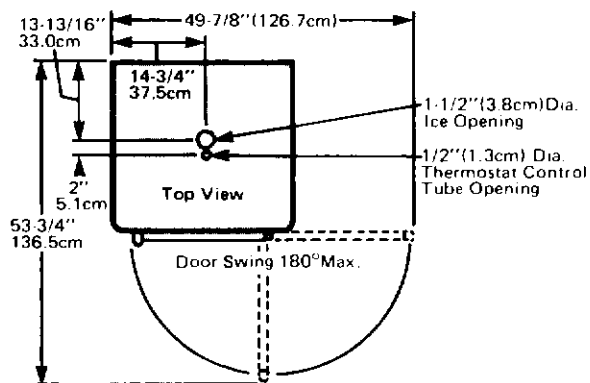
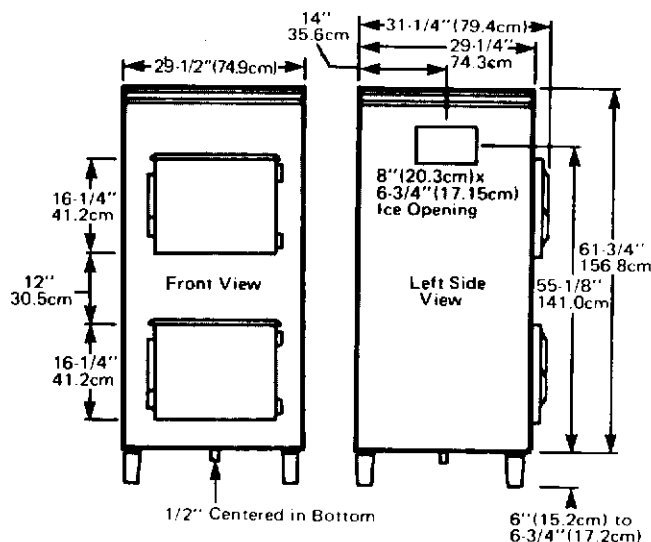
Fiberglass insulation between cabinet and bin keeps bin temperature cool and maintains ice supply for long periods. Minimizes meltage by blocking heat transfer from outside sources.



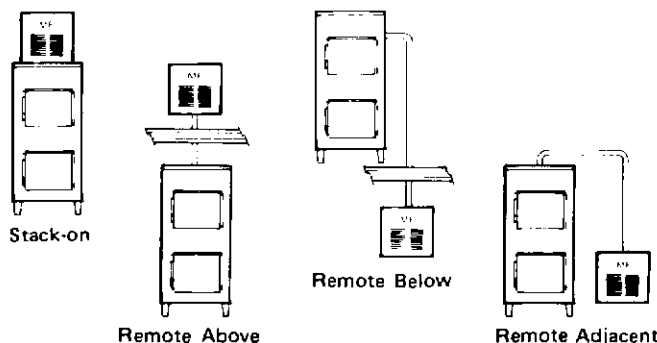
STACKING SYSTEM

Mount an MF Series Flaker on top of a B500 and flake ice is automatically gravity-fed to the bin. Three sizes of MF Flakers offer a choice of ice volume without utilizing additional floor space.

B500 bin



SAMPLE INSTALLATION COMBINATIONS



We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Use with MF3, MF4 or MF5 Series Modular Flakers. Available in Sandalwood baked enamel finish or stainless steel.

Storage Capacity: 500 lbs. (227 kg.)
Height: 67-3/4" (172.1cm) **Width:** 29-1/2" (74.9cm)
Depth: 31-1/4" (79.4cm)

EB500: Heavy-gauge steel with Sandalwood enamel finish, stainless steel interior.

Shipping Wt.: 275 lbs. (125 kg.)

SB500: Heavy-gauge stainless steel inside and out.

Shipping Wt.: 280 lbs. (127 kg.)

OPTIONAL LEG KITS –

KLP2E – Black enamel 6" legs.

KLP2S – Nickel plated 6" legs.

CAPACITY RATING: Maximum bin capacity 20.12 cu. ft. Holds 500 lbs. cube ice, 15% less for flake ice. Storage based on 90% of total volume x average density of ice.

TWO YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two year parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any Product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MINN. 56007

SCOTSMAN®

ICE MACHINES

PRODUCT NAME:

SCOTSMAN® BIN MODEL B650 SERIES

SERIES B650

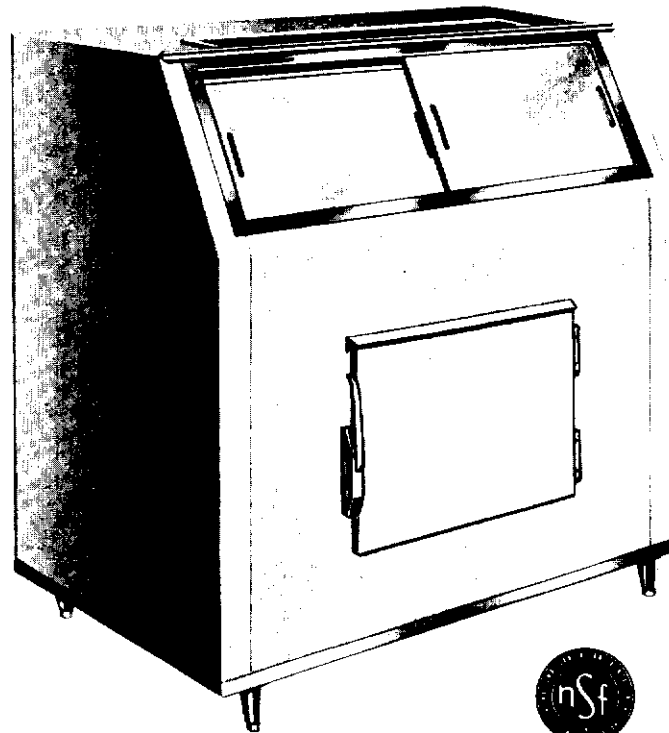
Use with SC500, SM505 and MM510 Series Cubers. Holds up to 650 pounds of Scotsman ice. Width: 46-3/8", Depth: 34-1/2", Height: (With legs) 53 to 53-3/4"; Height: (Without legs) 45". Sliding door opening 9-5/8" x 19-1/2"; hinged door 16-1/4" x 22-1/4". Drain fitting 1/2" NPT.

MANUFACTURER:

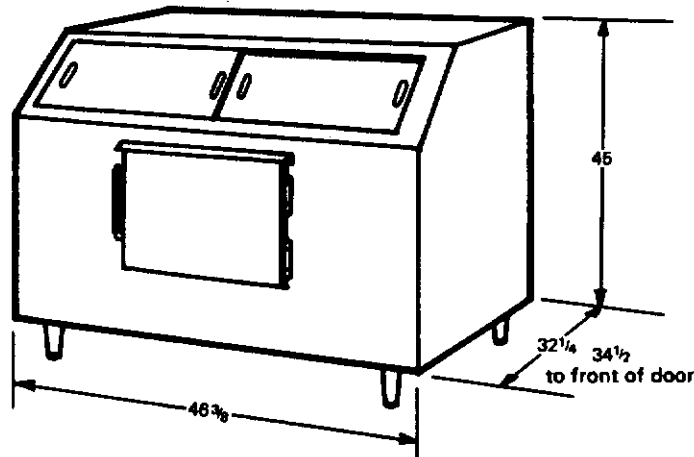
QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007

B650H: Heavy-gauge steel with painted finish, stainless steel interior. Shipping weight: 355 lbs.

B650HSS: Heavy-gauge stainless steel inside and out, chrome-plated legs. Shipping weight: 365 lbs.



DRAIN IN BOTTOM AND CENTERED



Specifications subject to change without notice.

SCOTSMAN®

ICE MACHINES

PRODUCT NAME:

SCOTSMAN® BIN MODEL B700 SERIES

SERIES B700

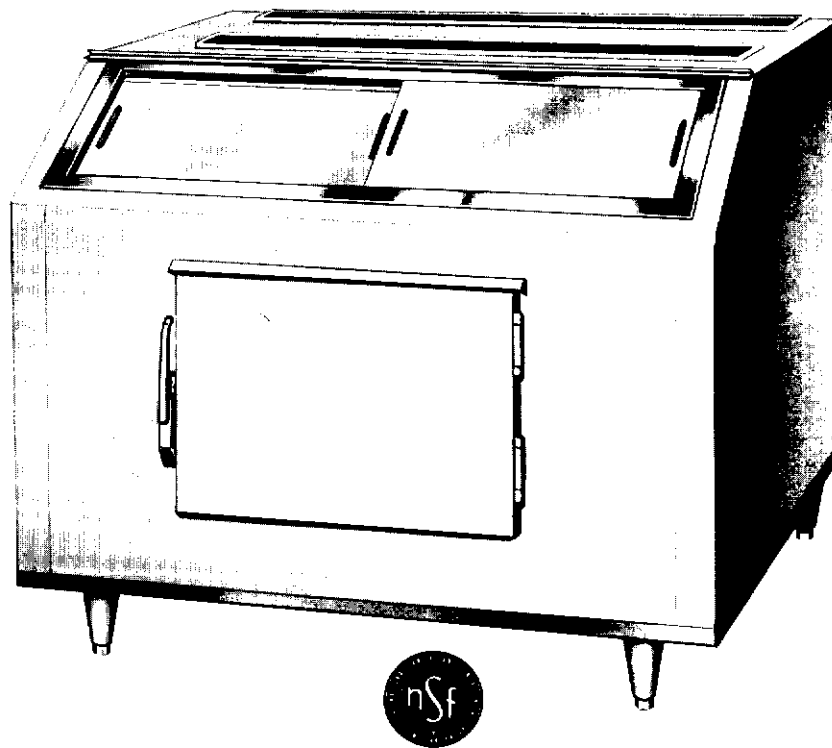
Use with SC1000, SM1005 and MM1010 Series Cubers. Holds up to 700 pounds of Scotsman ice. Width: 45-1/2", Depth 50-1/2", Height: (With legs) 41-3/4" to 42-1/2", Height: (Without legs) 33-3/4", Sliding door opening: 9-5/8" x 20"; hinged door 16-1/4" x 22-1/4". Drain fitting 1/2 NPT.

MANUFACTURER:

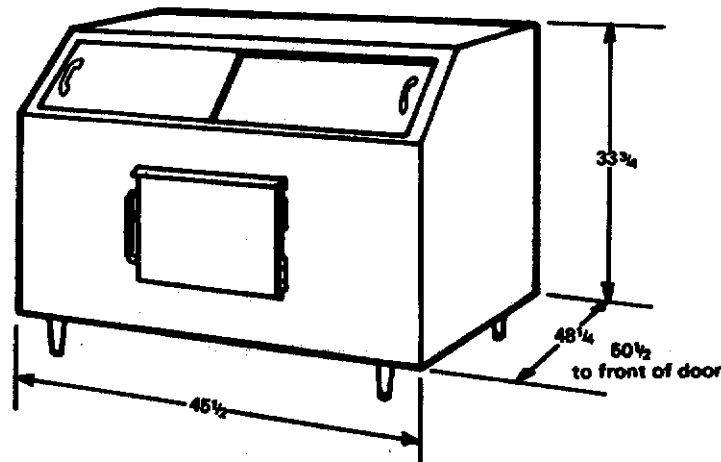
QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007

B700H: Heavy-gauge steel with painted finish, stainless steel interior. Shipping weight: 405 lbs.

B700HSS: Heavy-gauge stainless steel inside and out, chrome-plated legs. Shipping weight: 410 lbs.



DRAIN IN BOTTOM AND CENTERED



Specifications subject to change without notice.

SCOTSMAN®

ICE MACHINES

PRODUCT NAME:

SCOTSMAN® BIN MODEL B750 SERIES

MANUFACTURER:

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007

SERIES B750

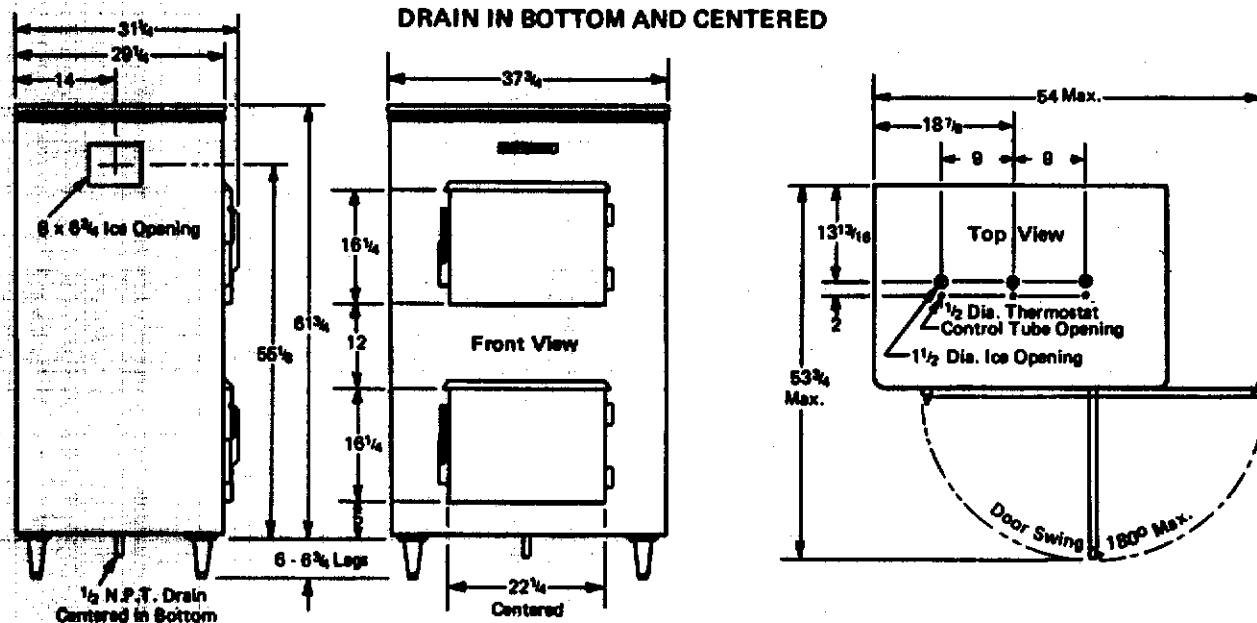
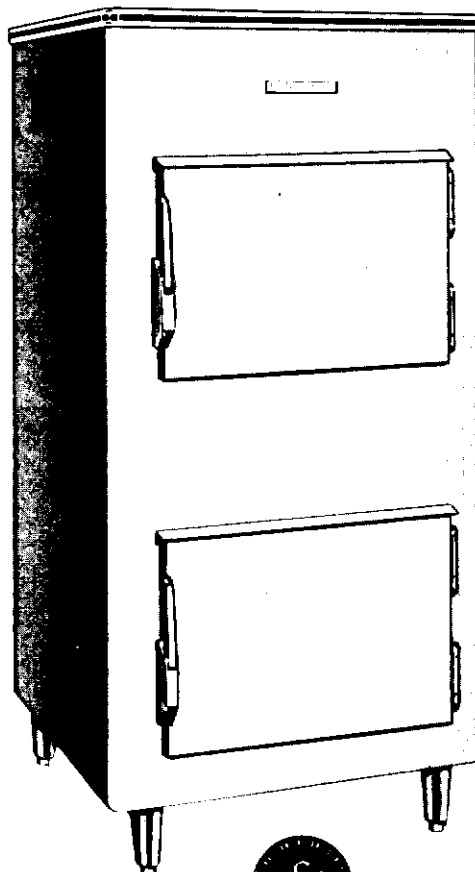
Use with MF3, MF4, MF5 or SF5 Series Flakers.

Holds up to 750 pounds of Scotsman ice. Width: 37-3/4", Depth: 31-1/4", Height: (With legs) 67-3/4" to 68-1/2", Height (Without legs) 61-3/4". Doors 16-1/4" x 22-1/4". Drain fitting 1/2 NPT.

AB750: All aluminum exterior, stainless steel interior. Shipping weight: 265 lbs.

EB750: Heavy-gauge steel with sandalwood micomatte finish, stainless steel interior. Shipping weight: 335 lbs.

SB750: Heavy-gauge stainless steel inside and out, chrome-plated legs. Shipping weight: 320 lbs.



Specifications subject to change without notice.

SCOTSMAN[®]

Ice Machines

PRODUCT NAME:

SCOTSMAN[®]

BIN MODEL

B1000 SERIES

MANUFACTURER:

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007

SERIES B1000

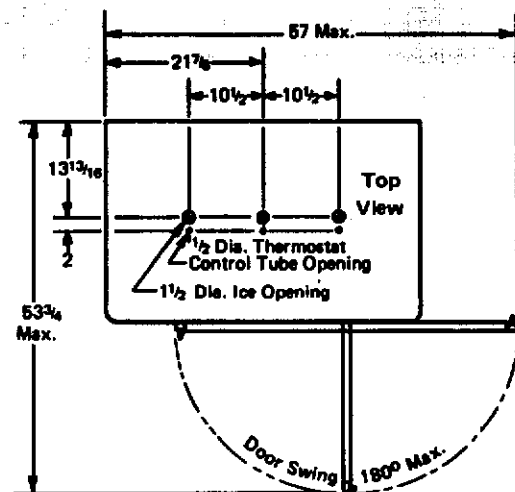
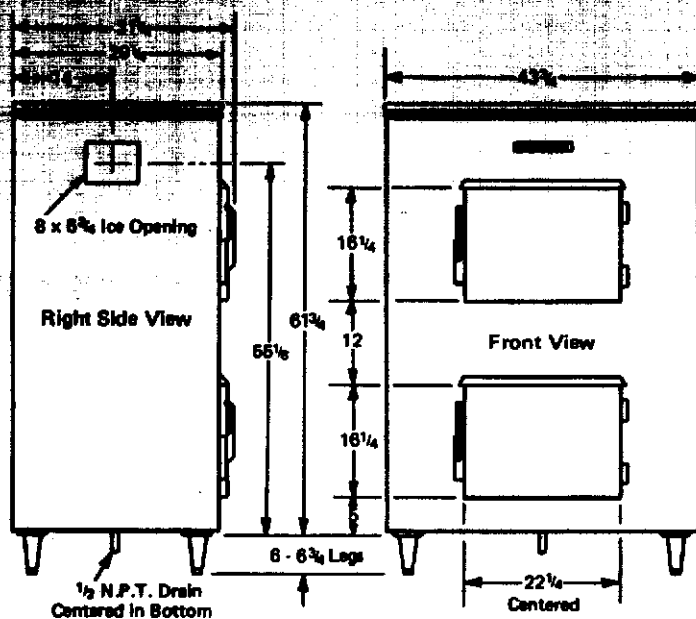
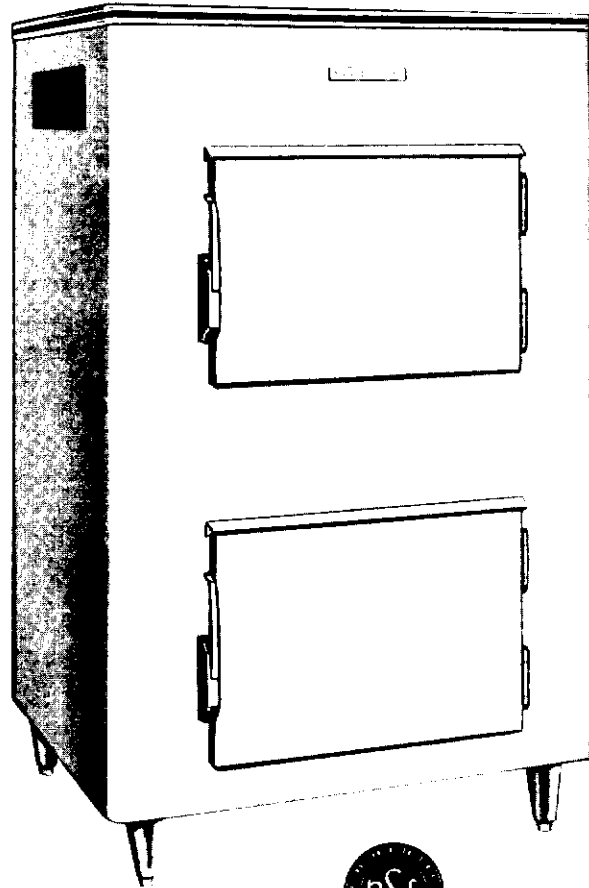
Use with MF3, MF4, MF5 or SF5 Series Flakers.

Holds up to 1000 pounds of Scotsman ice. Width: 43-3/4", Depth: 31-1/4", Height: (With legs) 67-3/4" to 68-1/2", Height: (Without legs) 61-3/4". Doors: 16-1/4" x 22-1/4". Drain fitting 1/2 NPT.

AB1000: All-aluminum exterior, stainless steel interior. Shipping weight: 290 lbs.

EB1000: Heavy-gauge steel with sandalwood micomatte finish, stainless steel interior. Shipping weight: 360 lbs.

SB1000: Heavy-gauge stainless steel inside and out, chrome-plated legs. Shipping weight: 340 lbs.



Specifications subject to change without notice.

SCOTSMAN®

Ice Machines

PRODUCT NAME:

SCOTSMAN® BIN MODEL B1250 SERIES

MANUFACTURER:

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
ALBERT LEA, MINNESOTA 56007

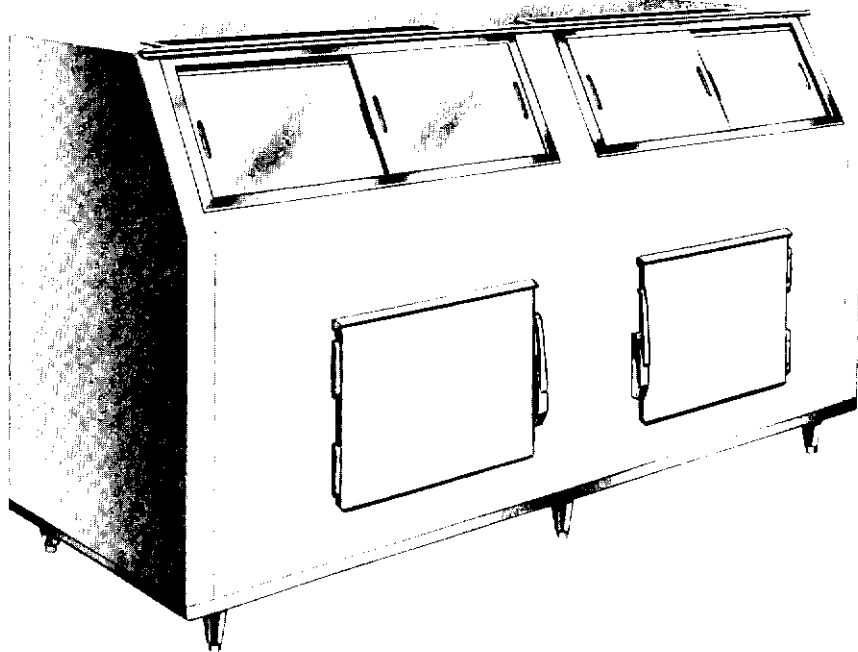
SERIES B1250

Use with 500 series cubers; MF3, MF4, MF5 series flakers, or combinations of these models.

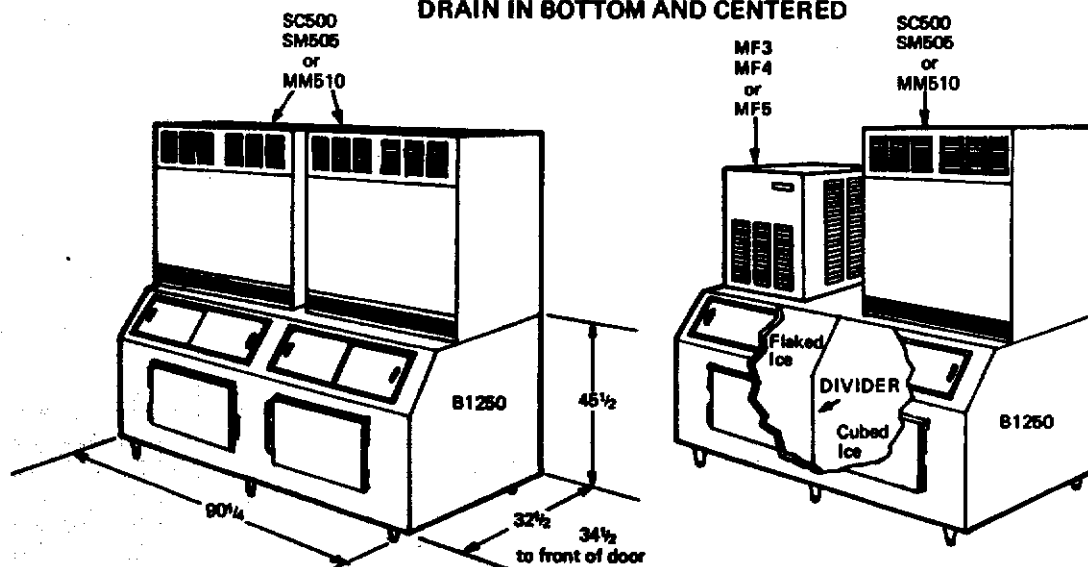
Holds up to 1250 pounds of Scotsman ice. Width: 90-1/4", Depth 34-1/2", Height: (With legs) 53-1/2" to 54-1/4"; Height: (Without legs) 45-1/2"; Each sliding door opening is 9-7/8" x 19-1/2". Hinged doors 16-1/4" x 22-1/4". Drain Fitting 1/2 NPT.

B1250H: Heavy-gauge steel with painted finish, stainless steel interior. Shipping weight: 605 lbs.

B1250HSS: Heavy-gauge stainless steel inside and out, chrome-plated legs. Shipping weight: 615 lbs.



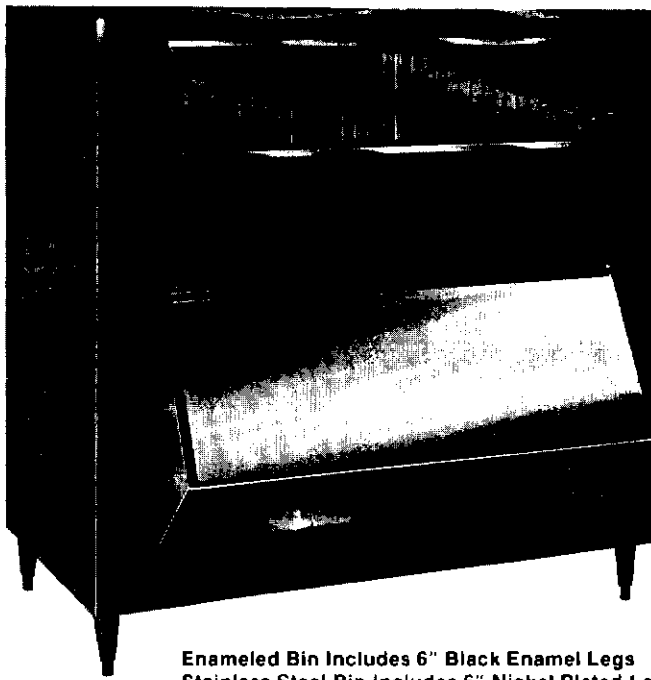
DRAIN IN BOTTOM AND CENTERED



Specifications subject to change without notice.

SCOTSMAN

COMMERCIAL ICE SYSTEMS



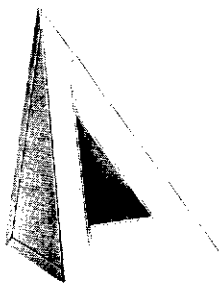
Enameled Bin Includes 6" Black Enamel Legs
Stainless Steel Bin Includes 6" Nickel Plated Legs

EASY ACCESS BIN

The BH1350/BH1351 have been engineered for the volume ice user ... each bin has over 43 cu. ft. of ice storage space. Large access door permits removing ice from lower section (only 22" from floor) of bin with large scoop or shovel. Ice manufactured first is used first preventing possible ice bridging.

Scotsman has over 35 years of experience in building ice storage bins. They know the need of users to keep the ice after it is made.

Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.



FULLY INSULATED CABINET

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.



LARGE ACCESS DOOR

Large access door permits ice removal with large scoop or shovel.

BH1350/BH1351

Modular Ice Storage Bin

VOLUME STORAGE — AMPLE ICE RESERVE

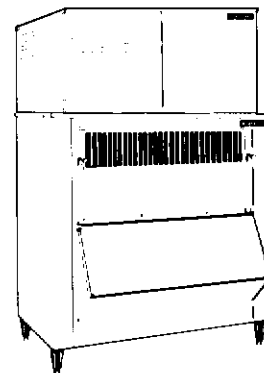
- Holds up to 1360 pounds.
- Ideal storage companion for the SCOTSMAN Model CM1000 or CM1400 Cubers.
- Accepts one or more Modular Cubers, Flakers, or Nugget Ice makers.

QUALITY CONSTRUCTION — DEPENDABLE

- NSF Approved construction.
- Durable gloss enamel finish on steel cabinet — wipes clean easily.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary stainless steel door provides easy access to full bin width.
- Inspection windows.
- Superior access to ice with shovel or scoop.

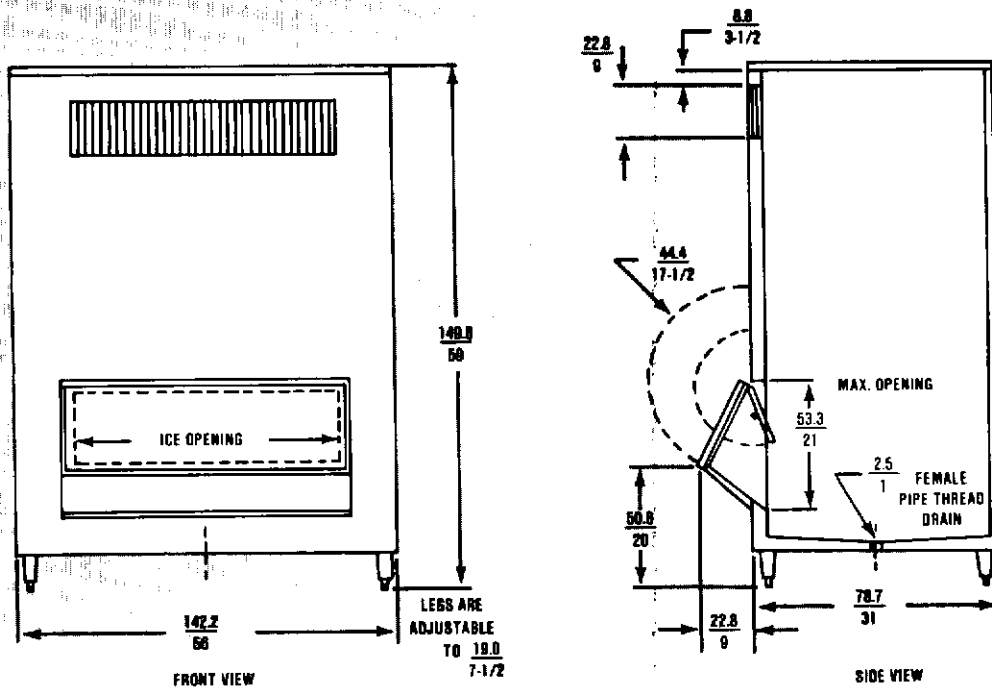
WARRANTY — SATISFACTION

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.



CM1400 on BH1350/BH1351

BH1350/BH1351 MODULAR STORAGE BIN



This product qualifies for the following listing:



CENTIMETERS
INCHES

NOTE: When installing, allow clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Fits Ice Machine Model:	Cubic Feet	Bin Cap **	Finish **	Ship. Wt. lbs./kg.
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BH1350/BH1351 MODULAR STORAGE BINS AND BIN TOPS

BH1350E	53 x 56 x 38%	Any 2 MF's (but not MF6) or 2, or 3 MH's	43.2	1360	ES	366/166
BH1350S	53 x 56 x 38%		43.2	1360	SS	366/166
BH1351E	53 x 56 x 38%	1 or 2 CM1400's stacked	43.2	1360	ES	366/166
BH1351S	53 x 56 x 38%		43.2	1360	SS	366/166

Bin top required for all models except CM1400.

** (ES) Sandalwood gloss enamel on leathergrain embossed steel cabinet, and polyethylene bin liner. BH1350 has a polyethylene liner.

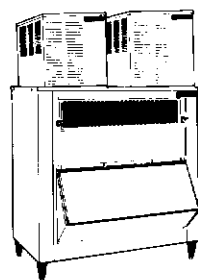
*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice.

Bin has a wide vinyl foam insulating gasket on top edges to provide an air-tight seal between bin and ice machine.

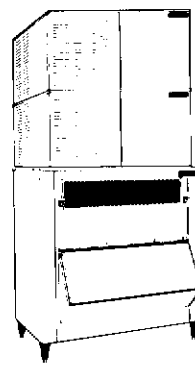
We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

SAMPLE COMBINATIONS:

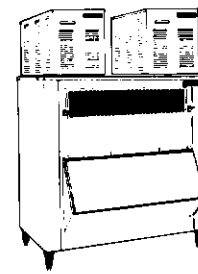
Height includes legs



(2) MF900's on BH1350/BH1351



(2) CM1400's on BH1350/BH1351



(2) MH750's on BH1350/BH1351

The Scotsman modular system adjusts to your needs ... now and in the future. Add production or storage modules of your choice in a variety of combinations. Scotsman Ice systems include a full line of ice shapes, modular and 22-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN®

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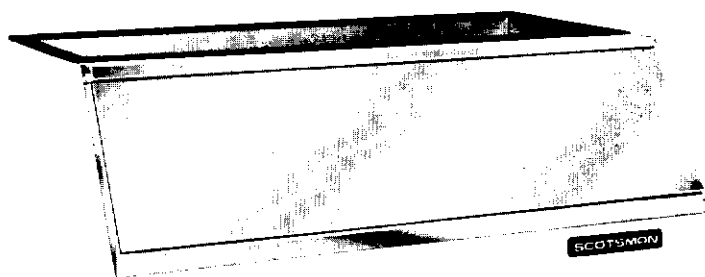
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TELEX EASYLINK 62922027

S-196-89

Printed in U.S.A.



SCOTSMAN
COMMERCIAL ICE SYSTEMS

BH1000

Modular Ice Storage Bin

VOLUME STORAGE — AMPLE ICE RESERVE

- Holds up to 1000 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the SCOTSMAN Model CM1200 or CM1400 Cubers.
- Accepts one or more Modular Cubers, flakers, or Nugget Ice makers.

QUALITY CONSTRUCTION — DEPENDABLE

- NSF Approved construction.
- Durable gloss enamel finish on embossed steel cabinet — wipes clean easily.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary stainless steel door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.

STRONGEST WARRANTY — SATISFACTION

- Exclusive 12 Month Factory Labor coverage.
- 2 year coverage on all parts.
- Directory of Certified Service Dealers.




Enameled Bin Includes 6" Black Enamel Legs
Stainless Steel Bin Includes 6" Nickel Plated Legs

MINIMUM ICE LOSS FROM MELTING

Producing large amounts of ice is one thing ... keeping the ice from melting is another.

Scotsman has over 35 years of experience in building ice storage bins. They know the need of users to keep the ice after it is made.

Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.

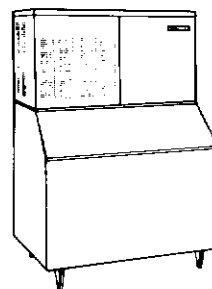
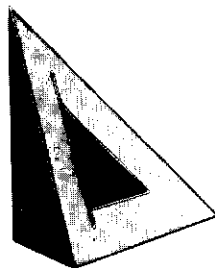
CHOICE OF ENAMEL FINISH OR STAINLESS STEEL

The enamel bin uses a high gloss finish exterior and a no rust, easy to clean polyethylene liner.

The stainless steel bin's cabinet exterior is made from high grade stainless steel. It's durable, sanitary and easy to clean.

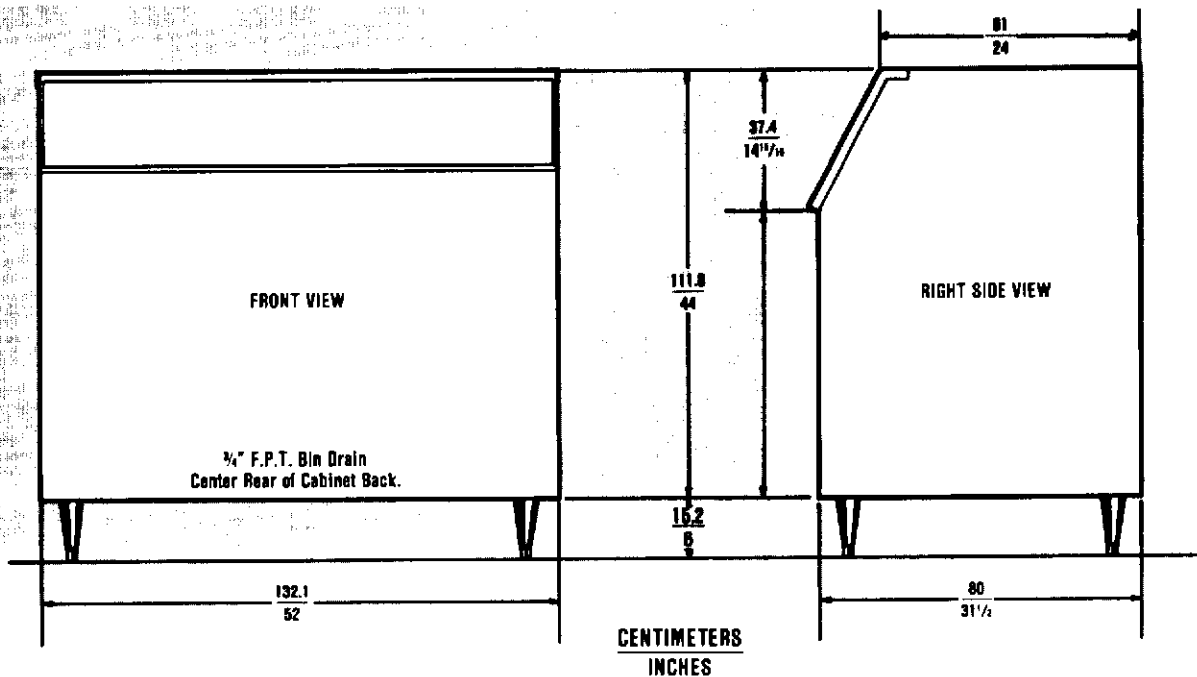
FULLY INSULATED CABINET

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.



CM1200 or CM1400 on BH1000

BH1000 MODULAR STORAGE BIN



This product qualifies for the following listing:



NOTE: When installing, allow clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Cubic Feet	Bin Cap. ***	Finish **	Shpg. Wt. lbs./kg.
BH1000 MODULAR STORAGE BINS AND BIN TOPS					
BH1000AE	44 x 52 x 31 1/2	33.1	1000 lbs.	ES	219/99
BH1000S	44 x 52 x 31 1/2	33.1	1000 lbs.	SS	230/104
BH1000AS	44 x 52 x 31 1/2	33.1	1000 lbs.	SS	230/104
KBT8	1 1/2 x 52 x 24	Use with 2-CM650's (stacked) or 2-MH750's, or 2-MF900's, or 2-MF700's		SS	100/45

Bin has a wide vinyl foam insulating gasket on top edges to provide an air-tight seal between bin and ice machine.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

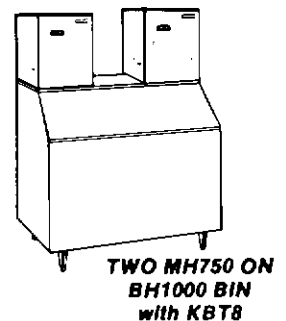
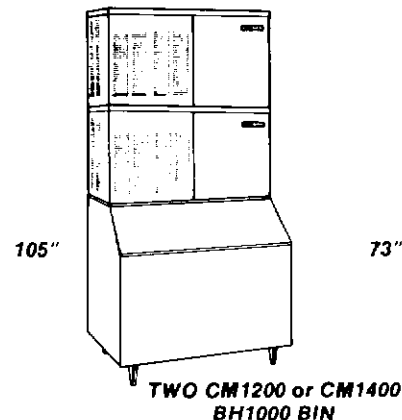
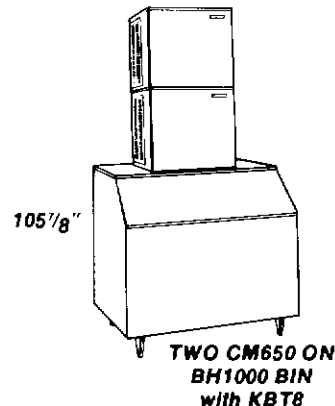
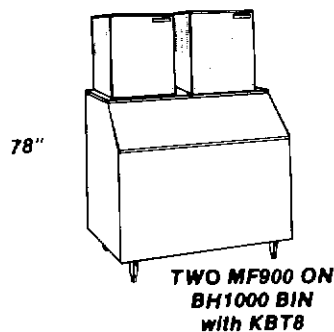
Bin top required for all models except CM1200 & CM1400.

** ES Sandalwood gloss enamel on leathergrain embossed steel cabinet, and polyethylene bin liner. BH1000S has a stainless steel liner. BH1000AS has a polyethylene liner.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. Standard)

SAMPLE COMBINATIONS:

Height includes legs



The Scotsman modular system adjusts to your needs ... now and in the future. Add production or storage modules of your choice in a variety of combinations.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

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COMMERCIAL ICE SYSTEMS

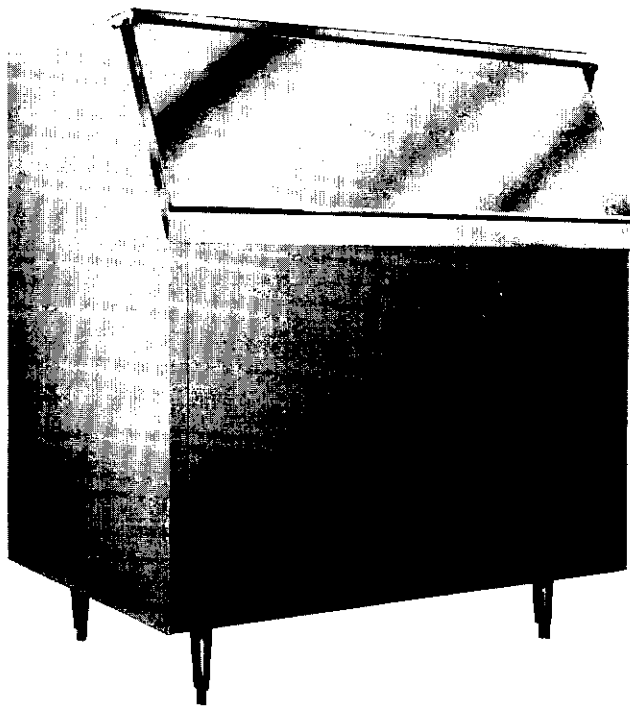
BH800

Modular Ice Storage Bin

- VOLUME STORAGE —
AMPLE ICE RESERVE**
- Holds up to 800 pounds.
 - Horizontal design.
 - Ideal storage companion for the SCOTSMAN Model CM855 or CM1000 Cubers.
 - Accepts one or more Modular Cubers, flakers, or Nugget Ice makers.

- QUALITY CONSTRUCTION —
DEPENDABLE**
- NSF Approved construction.
 - Durable gloss enamel finish on embossed steel cabinet —wipes clean easily.
 - Attractive Sandalwood enamel finish blends well with all decors.
 - Sanitary stainless steel door provides easy access to full bin width.
 - 6" legs with adjustable leveling feet.
Legs are removable.

- STRONGEST WARRANTY —
SATISFACTION**
- Exclusive 12 Month Factory Labor coverage.
 - 2 year coverage on all parts.
 - More than 1200 Certified Service Dealers located throughout the U.S. and Canada.



BH800 BIN

MINIMUM ICE LOSS FROM MELTING

Producing large amounts of ice is one thing ... keeping the ice from melting is another.

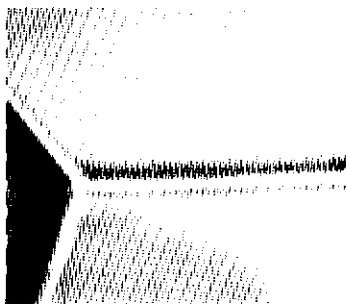
Scotsman has over 35 years of experience in building ice storage bins. They know the need of users to keep the ice after it is made.

Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.

CHOICE OF ENAMEL FINISH OR STAINLESS STEEL

The enamel bin uses a high gloss finish exterior and a no rust, easy to clean polyethylene liner. It is furnished with 6" black enamel legs.

The stainless steel bin's cabinet exterior is made from high grade stainless steel. It's durable, sanitary and easy to clean. It comes with 6" nickel plated legs.

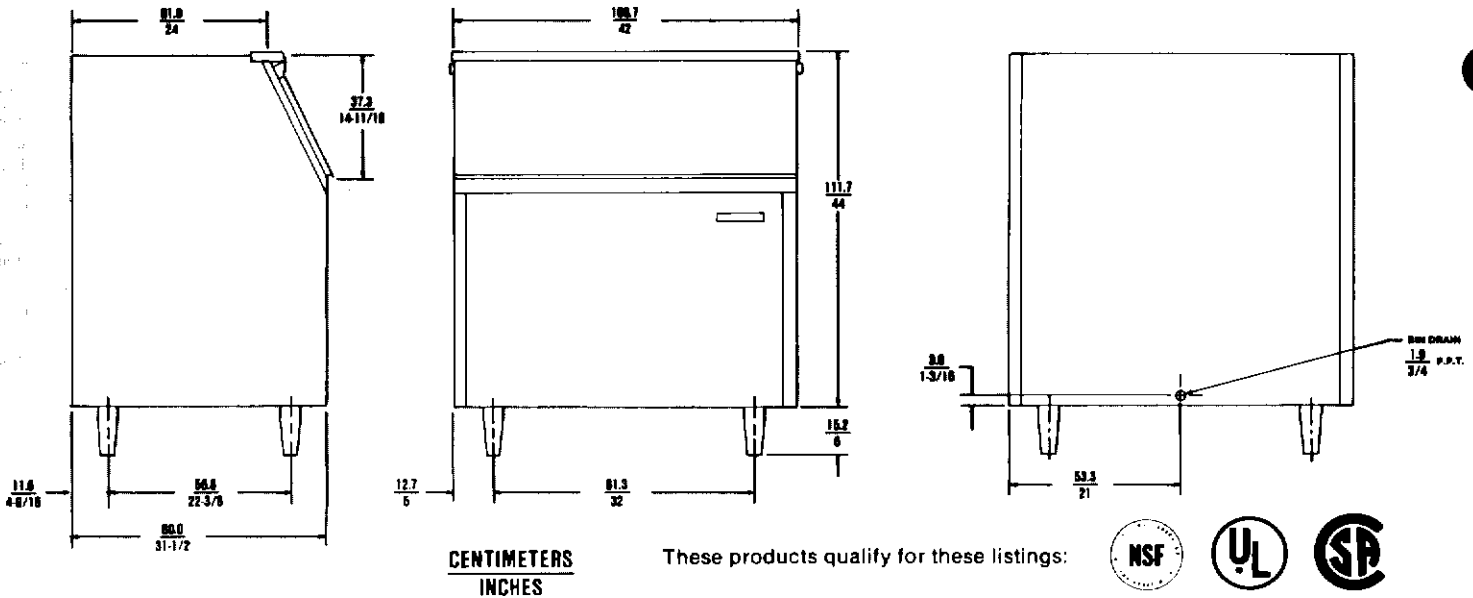


FULLY INSULATED CABINET

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.



BH800 Modular Ice Storage Bin



NOTE: When installing, allow clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cubic Feet	Cap. **	Finish **	Ship. Wt. lbs./kg.
BH800 MODULAR BINS AND BIN TOP					
BH800AE	44 x 42 x 31½	26.3	800	ES	177/80
BH800AS	44 x 42 x 31½	26.3	800	SS	186/84
KBT13	19½ x 42 x 24	Use with 1 or 2 CM250's, CM450's, CM500's, CM650's (stacked) or 1 or 2-MH750's; 1 or 2-MF900's; 1 or 2-MF700's		SS	81/36

Bin has a wide vinyl foam insulating gasket on top edges to provide an air-tight seal between bin and ice machine.

The Scotsman modular system adjusts to your needs...now and in the future. Add production or storage modules of your choice in a variety of combinations.

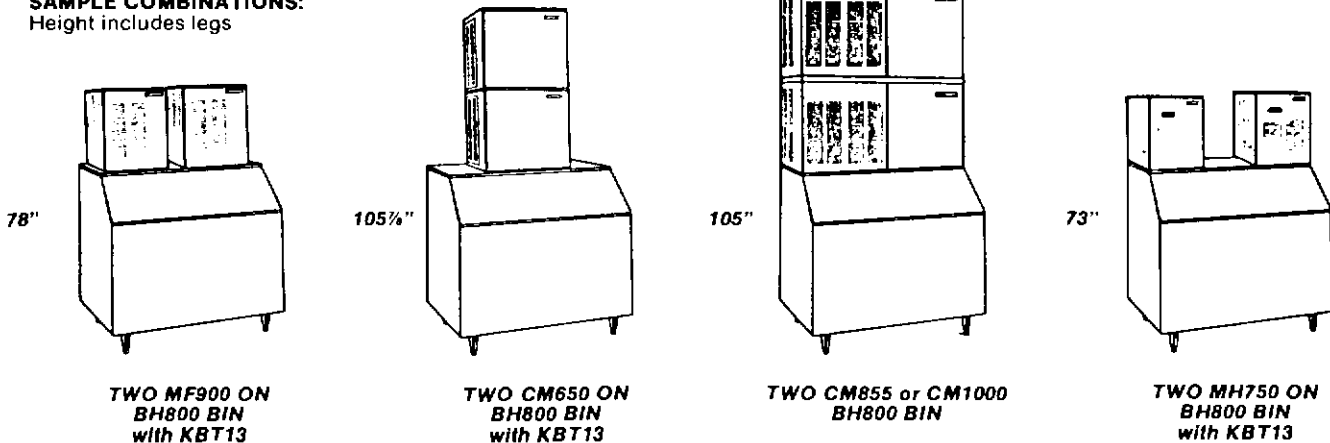
Bin top required for all models except CM855 & CM1000.

** ES Sandalwood gloss enamel on leathergrain embossed steel cabinet, and polyethylene bin liner. BH800AS has a grained Stainless Steel cabinet with a polyethylene liner.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. Standard)

SAMPLE COMBINATIONS:

Height includes legs



We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

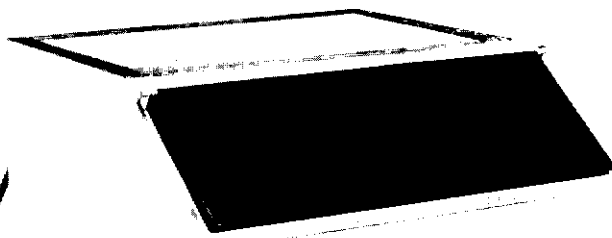
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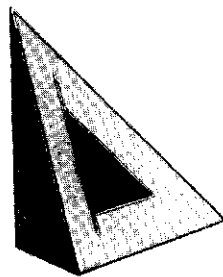
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**WILL
NEVER
RUST!**

**EXCLUSIVE
5 YEAR
PARTS & LABOR
WARRANTY!**

Bin Includes 6" Black Enamel Legs



**POLYURETHANE
INSULATION**

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.

BIN EXTERIOR

Molded high density polyethylene can't rust, chip or be dented. Excellent insulating qualities mean more efficient bin.



BIN INTERIOR

The high density polyethylene bin is sanitary and easy to clean. Resists scratches and scuffs from ice scoops. Insulation preserves cube shape and size.

VOLUME ICE STORAGE

For volume ice storage, mount a CM500 or CM650 Contour Cuber on top of the HTB650 bin. The low profile and large access door featured on the HTB650 bin offers fast convenient ice removal.

HTB650
Modular
Storage Bin

**VOLUME STORAGE —
AMPLE ICE RESERVE**

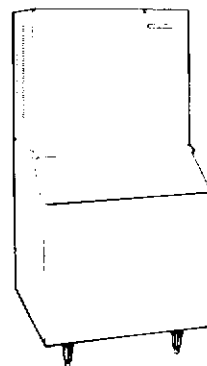
- Holds up to 425 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the SCOTSMAN Models CM500 or CM650 Cubers.

**QUALITY CONSTRUCTION —
DEPENDABLE**

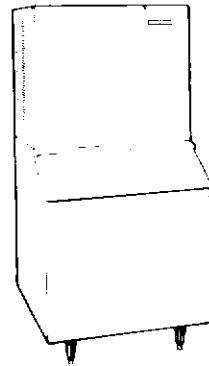
- NSF Approved construction.
- Attractive Sandalwood finish blends well with all decors.
- Sanitary door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.

**STRONGEST WARRANTY —
SATISFACTION**

- Exclusive 5 Year Parts & Labor Warranty — Industry First.

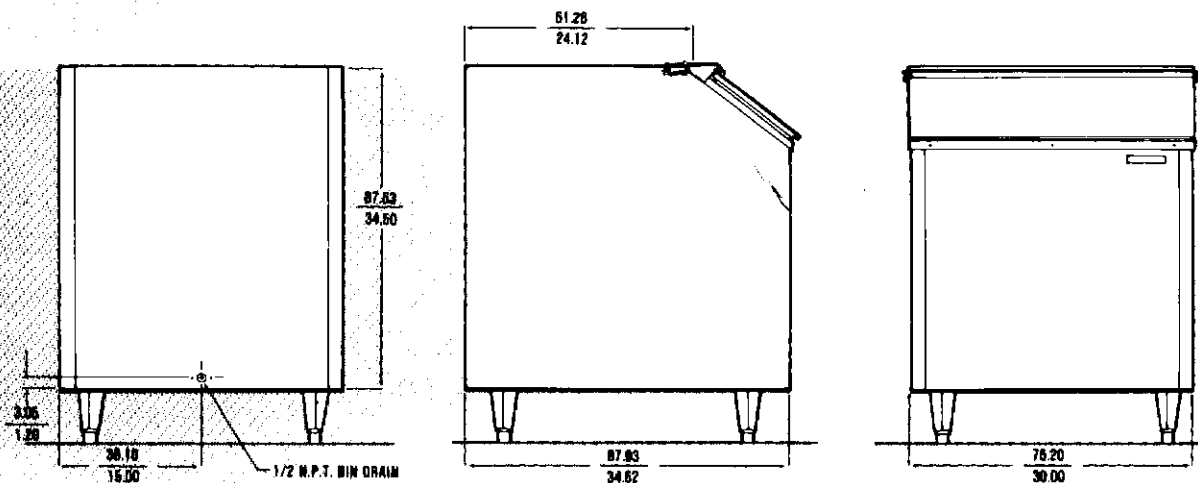


CM500 on HTB650



CM650 on HTB650

HTB650 MODULAR STORAGE BIN



CENTIMETERS
INCHES

NOTE: Allow installation clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Cubic Feet	Bin Cap. ***	Finish **	Shpg. Wt. lbs./kg.
HTB650 MODULAR BIN					
HTB650	34 1/2 x 30 x 34 1/2	13.8	425 lbs.		138/63

OPTIONAL BIN TOPS

KBT7	1/2 x 30 1/2 x 4 5/8	Use with CM250, CM450	SS	3/1
KBT10	1 1/2 x 30 x 24	Use with MH750, MF400, MF700	SS	18/8

** Textured Sandalwood finish.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. Standard).

Bin has a wide vinyl foam insulating gasket on top edges to provide an air-tight seal between bin and ice machine.

This product qualifies for the following listing:



OPTIONAL LEG KIT:

KLP2S: Nickel plated, brushed metal finish with adjustable feet.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN[®]

A HOUSEHOLD

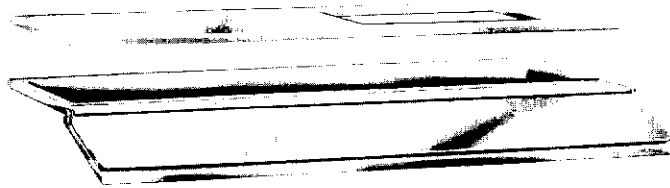
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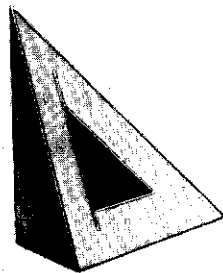
AS-529 - Preliminary

TWX 910-565-2173

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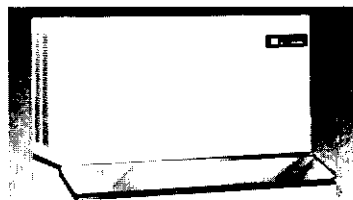


Enameled Bin Includes 6" Black Enamel Legs
Stainless Steel Bin Includes 6" Nickel Plated Legs



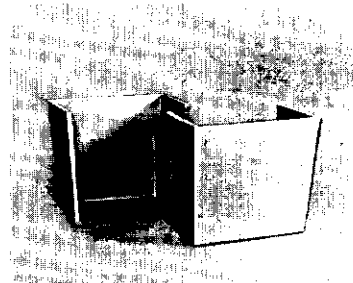
POLYURETHANE INSULATION

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.



VOLUME ICE STORAGE

For volume ice storage, mount a CM1200 Contour Cuber on top of the BH750 bin. The low profile and large access door featured on the BH750 bin offers fast convenient ice removal.



HEAVY-DUTY LEGS

The KLP3 optional leg kit consists of four cast aluminum square legs. The heavy duty 6" legs bolt directly onto the BH750 bin. Suggested for combined bin and ice machine combinations exceeding 96" in height.



BIN LINER

The high density polyethylene bin is sanitary and easy to clean. Resists scratches and scuffs from ice scoops. Insulation preserves cube shape and size.

BH750
Modular
Storage Bin

VOLUME STORAGE — AMPLE ICE RESERVE

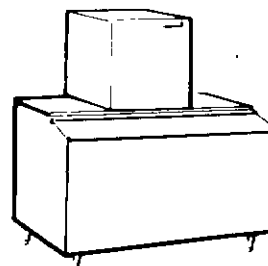
- Holds up to 743 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the SCOTSMAN Model CM1200 Cuber.
- Accepts one or more Modular Cubers or Flakers.

QUALITY CONSTRUCTION — DEPENDABLE.

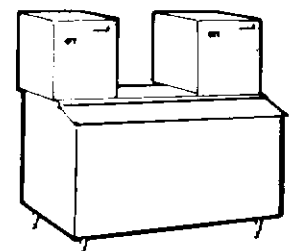
- NSF Approved construction.
- Durable gloss enamel finish on embossed steel cabinet — wipes clean easily.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary stainless steel door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.

STRONGEST WARRANTY — SATISFACTION.

- Exclusive 60 day Factory Labor coverage.
- 2 year coverage on all parts.
- Directory of Certified Service Dealers.

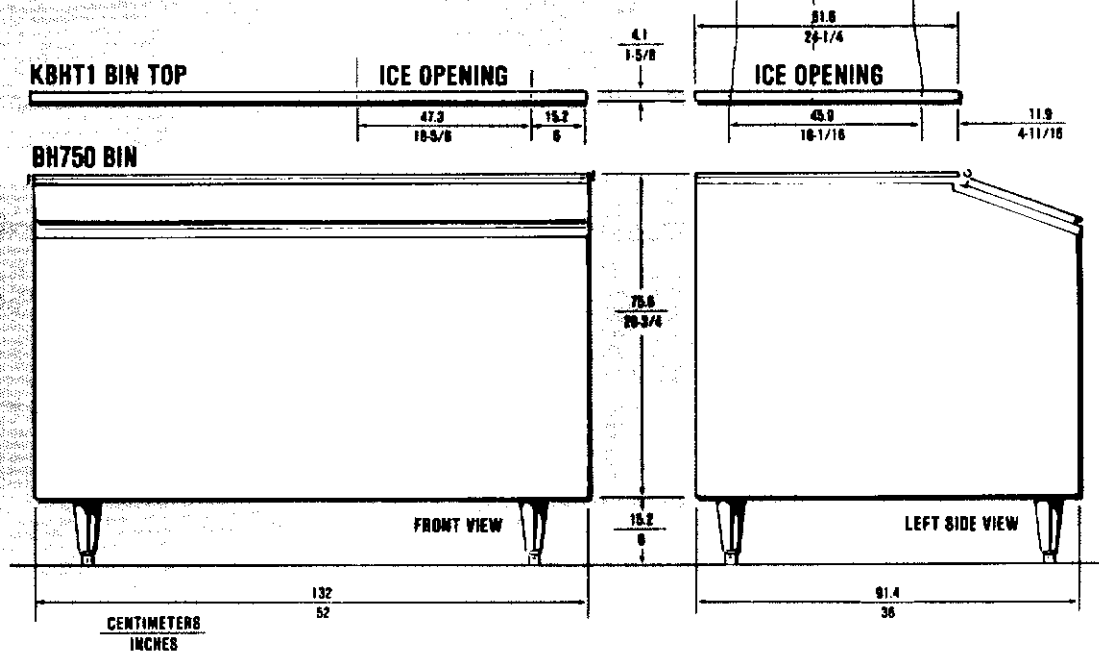


MF900 on BH750



(2) MH750 on BH750

BH750 MODULAR STORAGE BIN



NOTE: When installing, allow clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Cubic Feet	Bin Cap. **	Finish **	Shpg. Wt. lbs./kg.
BH750 MODULAR BINS AND BIN TOP					
BH750E	29 3/4 x 52 x 36	24.0	743 lbs.	ES	171/77
BH750S	29 3/4 x 52 x 36	24.0	743 lbs.	SS	166/75
KBHT1	7 1/2 x 52 x 24	Mod. Stack. Cubers		SS	42/19

Bin top required for all models except CM1200.

** ES Sandalwood gloss enamel on leathergain embossed steel cabinet.
SS Stainless Steel cabinet.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. Standard).

Bin has a wide vinyl foam insulating gasket on top edges to provide an air-tight seal between bin and ice machine.

This product qualifies for the following listing:



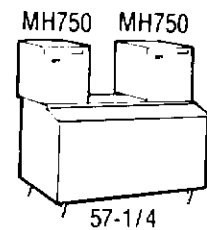
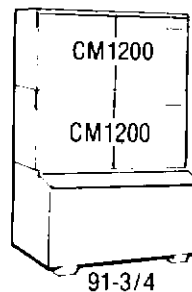
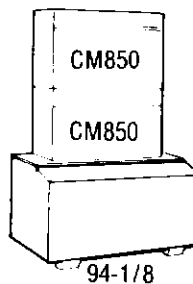
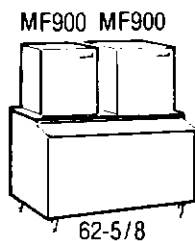
OPTIONAL LEG KITS:

KLP2S: Nickel plated, brushed metal finish with adjustable feet.

KLP3: Cast aluminum 6" square legs.

SAMPLE COMBINATIONS

Height includes legs



The Scotsman modular system adjusts to your needs... now and in the future. Add production or storage modules of your choice in a variety of combinations.

2 brackets

17 1530-01

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

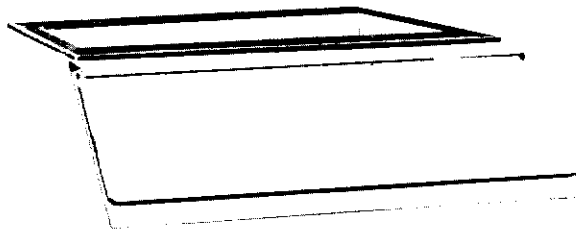
SCOTSMAN
COMMERCIAL ICE SYSTEMS

SCOTSMAN ICE SYSTEMS • 505 FRONT ST., ALBERT LEA, MN 56007

AS-437

B SANDER

Printed in U.S.A.



SCOTSMAN
COMMERCIAL ICE SYSTEMS

BH500

Modular Ice Storage Bin

VOLUME STORAGE — AMPLE ICE RESERVE

- Holds up to 500 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the Scotsman CM500 or CM650.
- Accepts one or more Modular Cuber, Flaker, or Nugget Ice Machines.

QUALITY CONSTRUCTION — DEPENDABLE

- NSF Approved construction.
- Durable gloss enamel finish on embossed steel cabinet — wipes clean easily.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary stainless steel door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.
- Bins and extensions have insulating gasket seal on top edges.

STRONGEST WARRANTY — SATISFACTION

- New Exclusive 12 Month Factory Labor coverage.
- 2 year coverage on all parts.



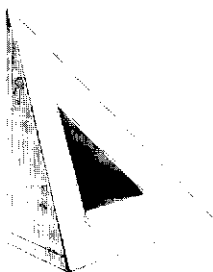
Enameled Bin Includes 6" Black Enamel Legs
Stainless Steel Bin Includes 6" Nickel Plated Legs

MINIMUM ICE LOSS FROM MELTING

Producing large amounts of ice is one thing ... keeping the ice from melting is another.

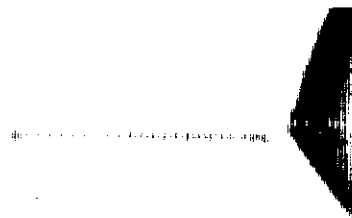
Scotsman has over 35 years of experience in building ice storage bins. They know the need of users to keep the ice after it is made.

Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.



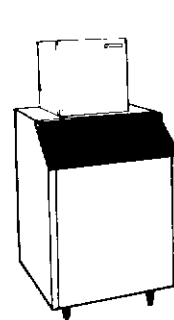
FULLY INSULATED CABINET

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.

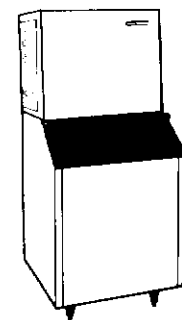


SANITARY BIN LINER

The bin liner is made of heavy gauge Stainless Steel, welded together and polished to make a complete seamless storage area ... durable, sanitary and easy to clean.

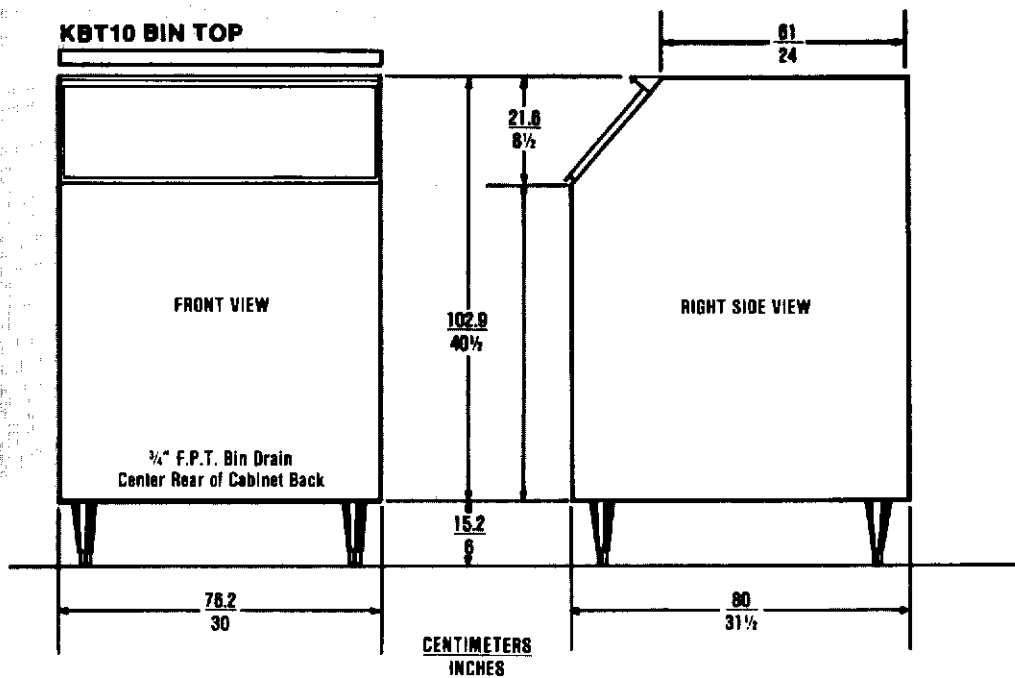


MH750 Flaker on BH500



CM650 on BH500

BH500 MODULAR ICE STORAGE BIN



This product qualifies for the following listings:



NOTE: When installing, allow clearance for ice machine ventilation.

SPECIFICATIONS

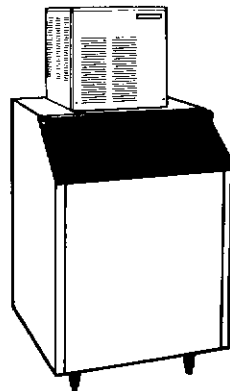
Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Cubic Feet	Bin Cap. ***	Finish **	Shp. Wt. lbs./kg.
BH500 MODULAR ICE STORAGE BIN					
BH500E	40½ x 30 x 31½	16.3	500 lbs.	ES	161/73
BH500S	40½ x 30 x 31½	16.3	500 lbs.	SS	158/72
KBT10	1½ x 30 x 24	Use with MF400, MH750		SS	†

** ES Sandalwood gloss enamel on leathergrain embossed steel cabinet. SS Stainless Steel cabinet.

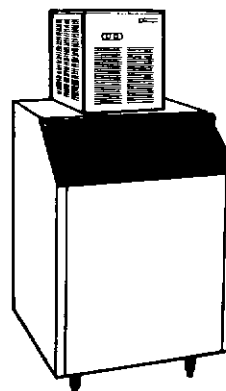
*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. - Standard)

† Information not available at time of printing.

SAMPLE COMBINATIONS:



**MF400 on BH500
with KBT10**



**MF700 on BH500
with KBT10**

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

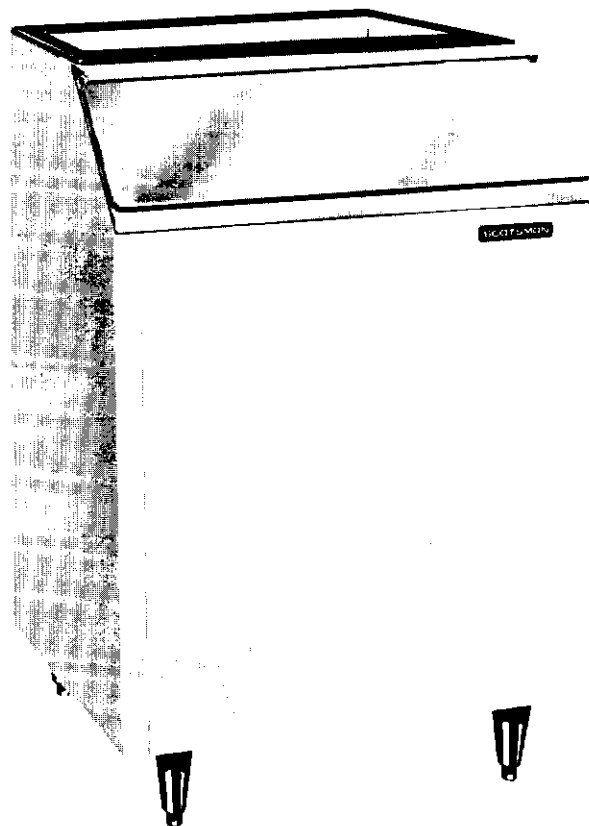
SCOTSMAN

A HOUSEHOLD

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INTERNATIONAL COMPANY

TWX 910-565-2173



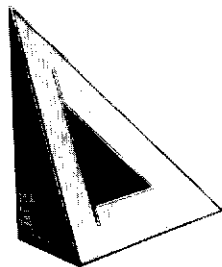
Stainless Steel Bin Includes 6" Nickel Plated Legs

MINIMUM ICE LOSS FROM MELTING

Producing large amounts of ice is one thing ... keeping the ice from melting is another.

Scotsman has over 35 years of experience in building ice storage bins. They know the need of users to keep the ice after it is made.

Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.



FULLY INSULATED CABINET

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

BH500S

Modular Ice Storage Bin

VOLUME STORAGE — AMPLE ICE RESERVE

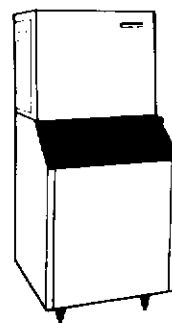
- Holds up to 500 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the Scotsman CM500 or CM650.
- Accepts one or more Modular Cuber, Flaker, or Nugget Ice Machines.

QUALITY CONSTRUCTION — DEPENDABLE

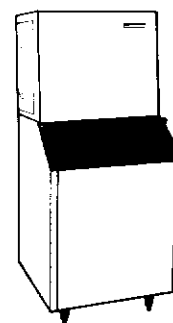
- NSF Approved construction.
- Durable stainless steel — wipes clean easily.
- 6" legs with adjustable leveling feet. Legs are removable.
- Bins have insulating gasket seal on top edges.

STRONGEST WARRANTY — SATISFACTION

- Exclusive 12 Month Factory Labor coverage.
- 2 year coverage on all parts.
- Directory of Certified Service Dealers.

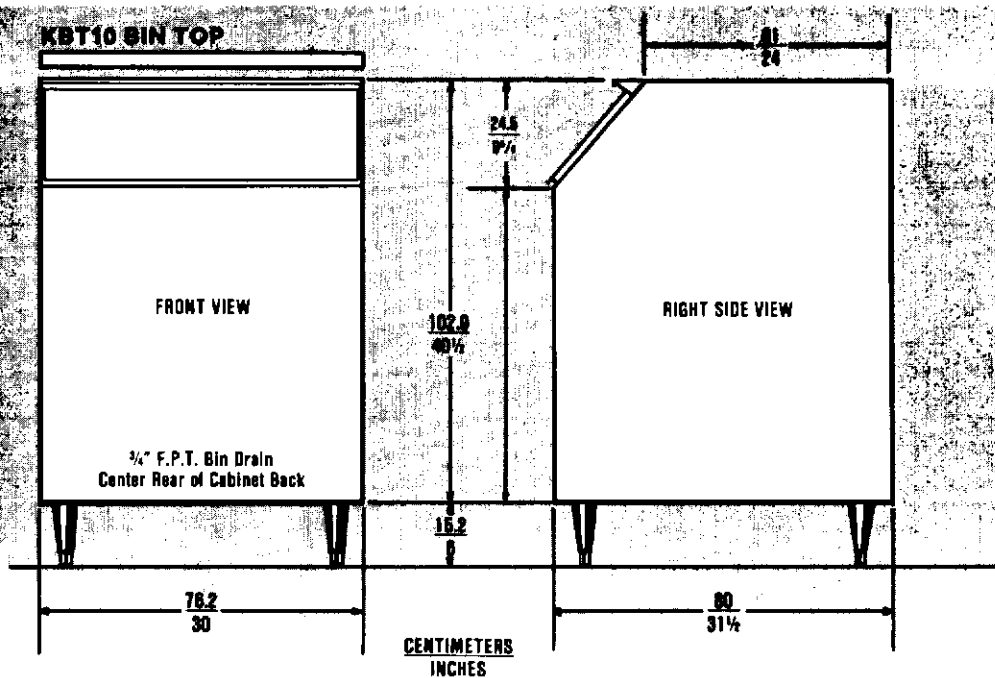


CM650 on BH500S
Machine overhangs
approximately
1" in back



CM500 on BH500S
Machine overhangs
approximately
1" in back

BH500S MODULAR ICE STORAGE BIN



This product qualifies for the following listings:



NOTE: When installing, allow clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	Dimensions (H x W x D) (Height - w/o Legs)	Cubic Feet	Bin Cap ***	Finish	Shpg. Wt. (kg./lb.)
BH500S MODULAR ICE STORAGE BIN					
BH500S	40 1/2 x 30 x 31 1/2	16.3	500 lbs.	SS	158/72
KBT10	1 1/2 x 30 x 24	Use with MF400, MF700, MH750		SS	22/10

** SS Stainless Steel cabinet.

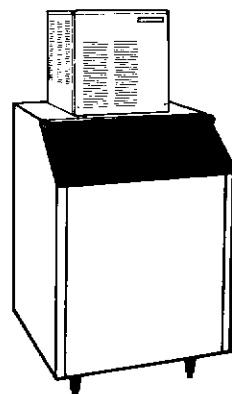
*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. - Standard)

KBT10 BIN TOP

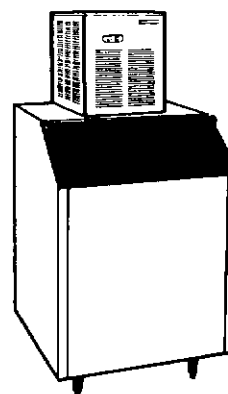
Modular Flakers and MH750 require top. Top not required for CM650 or CM500.

SAMPLE COMBINATIONS:

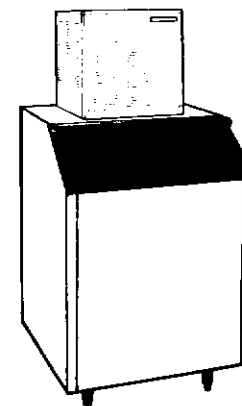
Approximate 1" overhang in back



MF400 on BH500S with KBT10



MH750 Flaker on BH500S with KBT10



MF700 on BH500S with KBT10

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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INTERNATIONAL COMPANY

AS-430

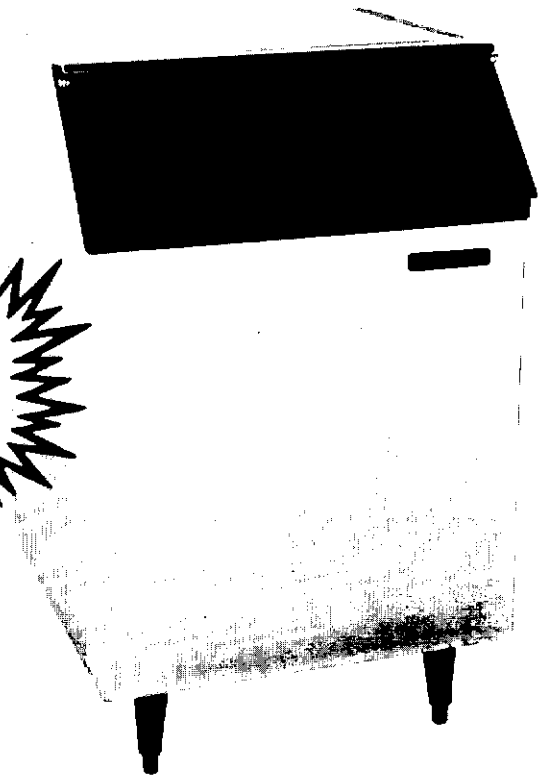
TWX 910-565-2173

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SCOTSMAN

COMMERCIAL ICE SYSTEMS

WILL NEVER RUST!



EXCLUSIVE 5 YEAR PARTS & LABOR WARRANTY!

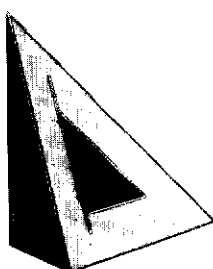
Bin includes 6" Black Enamel Legs

MINIMUM ICE LOSS FROM MELTING

Producing large amounts of ice one thing ... keeping the ice from melting is another.

Scotsman has over 35 years of experience in building ice storage bins. They know the need of users to keep the ice after it is made.

Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.

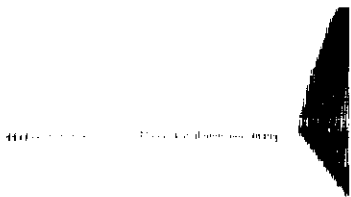


POLYURETHANE INSULATION

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.

BIN EXTERIOR

Molded high density polyethylene can't rust, chip or be dented. Excellent insulating qualities mean more efficient bin.



BIN INTERIOR

The high density polyethylene bin is sanitary and easy to clean. Resists scratches and scuffs from ice scoops. Insulation preserves cube shape and size.

VOLUME ICE STORAGE

For volume ice storage, mount a CM500 or CM650 Contour Cuber on top of the HTB500 bin.

HTB500

Modular Storage Bin

VOLUME STORAGE AMPLE ICE RESERVE

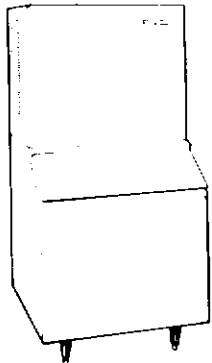
- Holds up to 500 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the Scotsman Models CM500 or CM650 Cubers.

QUALITY CONSTRUCTION DEPENDABLE

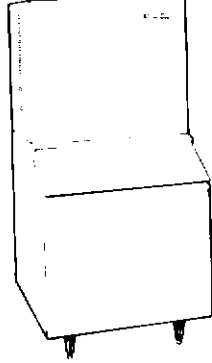
- NSF Approved construction.
- Attractive Sandalwood finish blends well with all decors.
- Sanitary door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.

STRONGEST WARRANTY — SATISFACTION

- Exclusive 5 year Parts & Labor Warranty — Industry First.
- Directory of Certified Service Dealers.

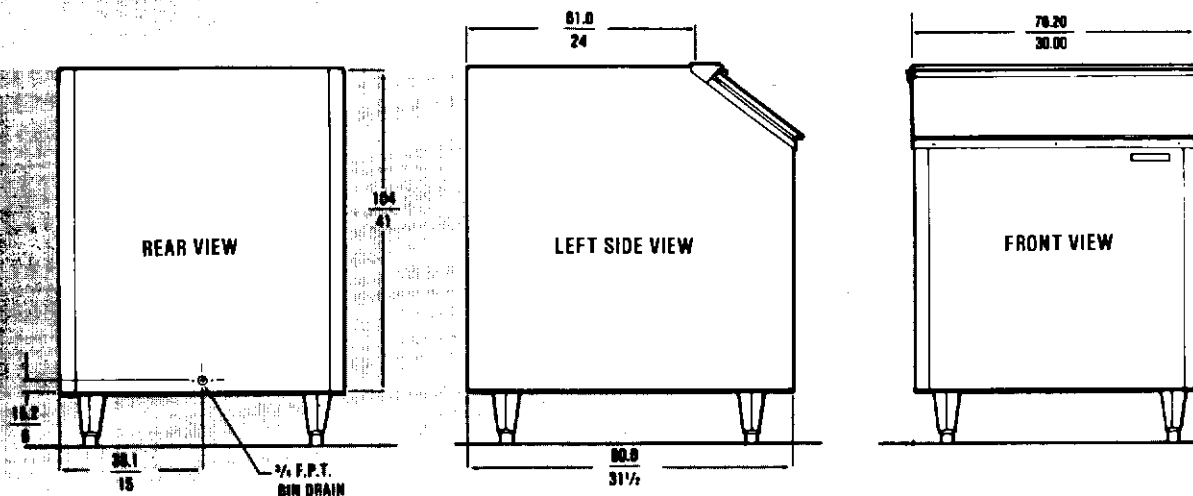


CM500 on HTB500 Machine overhangs approximately 1" in back.



CM650 on HTB500 Machine overhangs approximately 1" in back.

HTB500 MODULAR STORAGE BIN



CENTIMETERS
INCHES

NOTE: Allow installation clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	Dimensions (Height - w/o Legs) H" x W" x D"	Cubic Feet	Bin Cap. **	Finish **	Shpg. Wt. lbs./kg.
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HTB500 MODULAR BIN

HTB500	41 x 30 x 31 1/2	16.3	500 lbs.	HTB	140/64
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OPTIONAL BIN TOPS

KBT10	1 1/2 x 30 x 24	Use with MH750, MF400, MF700	SS	22/10	
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** HTB Linear High Density Polyethylene. Sandalwood color.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. Standard).

Bin has a wide vinyl foam insulating gasket on top edges to provide an air-tight seal between bin and ice machine.

This product qualifies for the following listing:



OPTIONAL LEG KIT:

KLP2S: Nickel plated, brushed metal finish with adjustable feet.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

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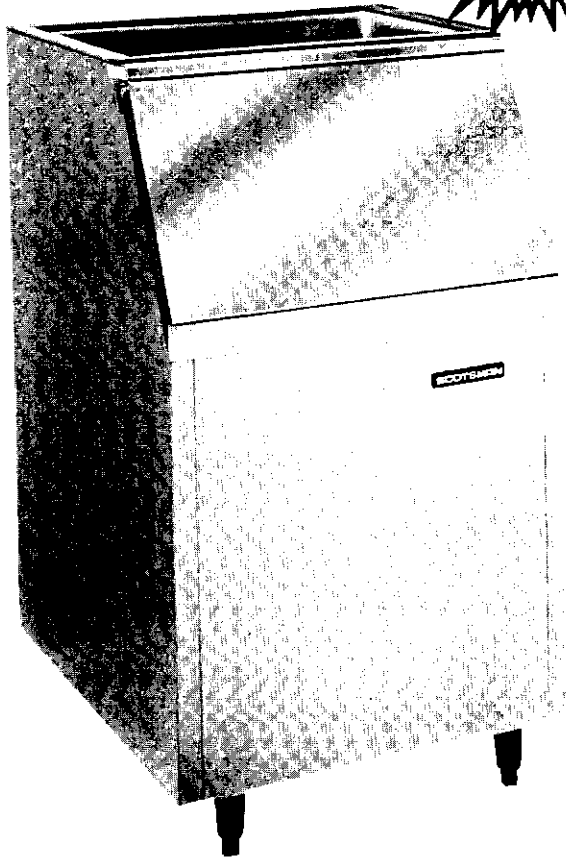
INTERNATIONAL COMPANY

TWX 910-565-2173

Printed in U.S.A.

NEW!

SCOTSMAN
COMMERCIAL ICE SYSTEMS



BH550

Modular Ice Storage Bin

VOLUME STORAGE — AMPLE ICE RESERVE

- Large - easy access door.
- Holds up to 550 pounds.
- Ideal storage companion for the Scotsman CM500 or CM650.

QUALITY CONSTRUCTION — DEPENDABLE

- NSF Approved construction.
- Attractive Sandalwood enamel, or Stainless Steel finish blends well with all decors.
- 6" legs with adjustable leveling feet. Legs are removable.
- Bins have insulating gasket seal on top edges.

WARRANTY — SATISFACTION

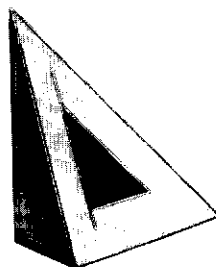
- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1200 Certified Service Dealers located throughout the U.S. and Canada.

MINIMUM ICE LOSS FROM MELTING

Producing large amounts of ice is one thing ... keeping the ice from melting is another.

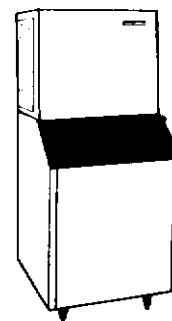
Scotsman has over 35 years of experience in building ice storage bins. They know the need of users to keep the ice after it is made.

Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.

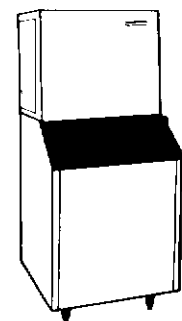


FULLY INSULATED CABINET

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.



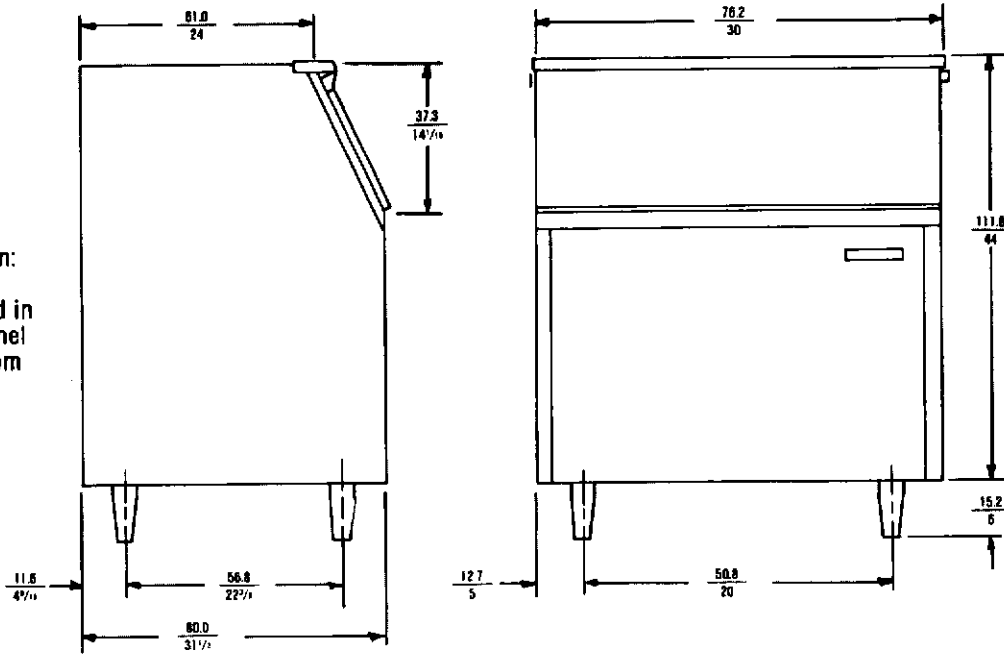
CM650 on BH550



CM500 on BH550

BH550 MODULAR ICE STORAGE BIN

Bin Drain:
3/4" FPT
Centered in
Rear Panel
1 3/16" from
Base.



CENTIMETERS
INCHES

This product qualifies for the following listing:



NOTE: When installing, allow clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Cubic Feet	Bin Cap. ***	Finish **	Shpg. Wt. lbs./kg.
BH550 MODULAR ICE STORAGE BIN					
BH550E	44 x 30 x 31 1/2	18.1	550 lbs.	ES	158/72
BH550S	44 x 30 x 31 1/2	18.1	550 lbs.	SS	158/72
KBT10	1 1/2 x 30 x 24	Use with MF400, MF700, MH750		SS	22/10

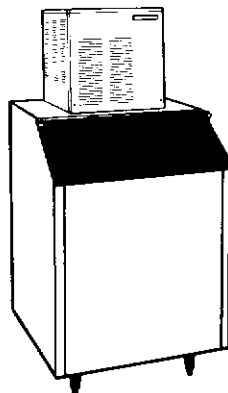
KBT10 BIN TOP

Modular Flakers and MH750 require top. Top not required for CM250, CM450, CM500, or CM650.

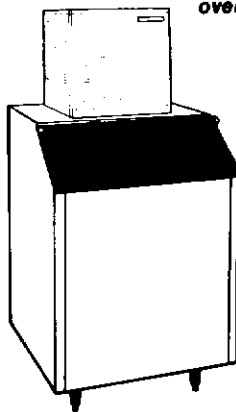
** ES Sandalwood gloss enamel on leathergrain embossed steel cabinet, and polyethylene bin liner. BH550SS has a grained Stainless Steel Cabinet with a polyethylene liner.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice.

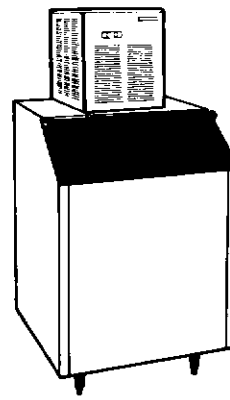
SAMPLE COMBINATIONS:



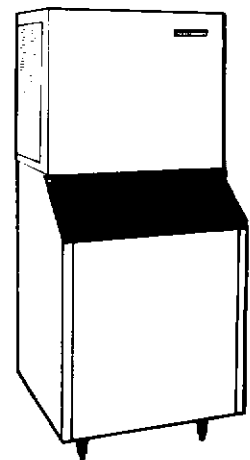
MF400 on BH550
with KBT10



MF700 on BH550
with KBT10



MH750 on BH550
with KBT10



CM450 on BH550

Approximate 1"
overhang in back

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

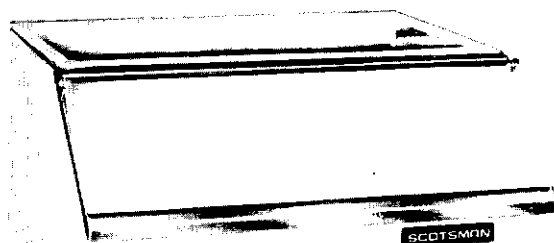
A HOUSEHOLD

INTERNATIONAL COMPANY

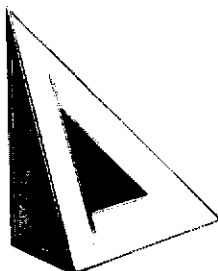
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TELEX EASYLINK 62922027

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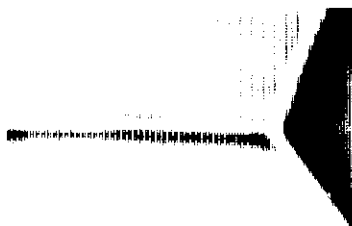


Enameled Bin Includes 6" Black Enamel Legs
Stainless Steel Bin Includes 6" Nickel Plated Legs



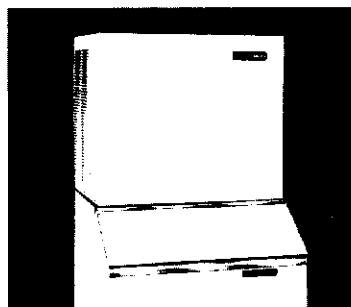
POLYURETHANE INSULATION

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.



BIN LINER

The high density polyethylene bin is sanitary and easy to clean. Resists scratches and scuffs from ice scoops. Insulation preserves cube shape and size.



VOLUME ICE STORAGE

For volume ice storage, mount a CM650 Contour Cuber on top of the B650 bin. The low profile and large access door featured on the B650 bin offers fast convenient ice removal.

B650

Modular Storage Bin

VOLUME STORAGE — AMPLE ICE RESERVE

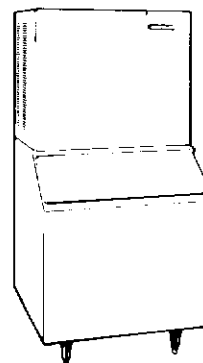
- Holds up to 425 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the SCOTSMAN Model CM650 Cuber.

QUALITY CONSTRUCTION — DEPENDABLE.

- NSF Approved construction.
- Durable gloss enamel finish on embossed steel cabinet — wipes clean easily.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.

STRONGEST WARRANTY — SATISFACTION.

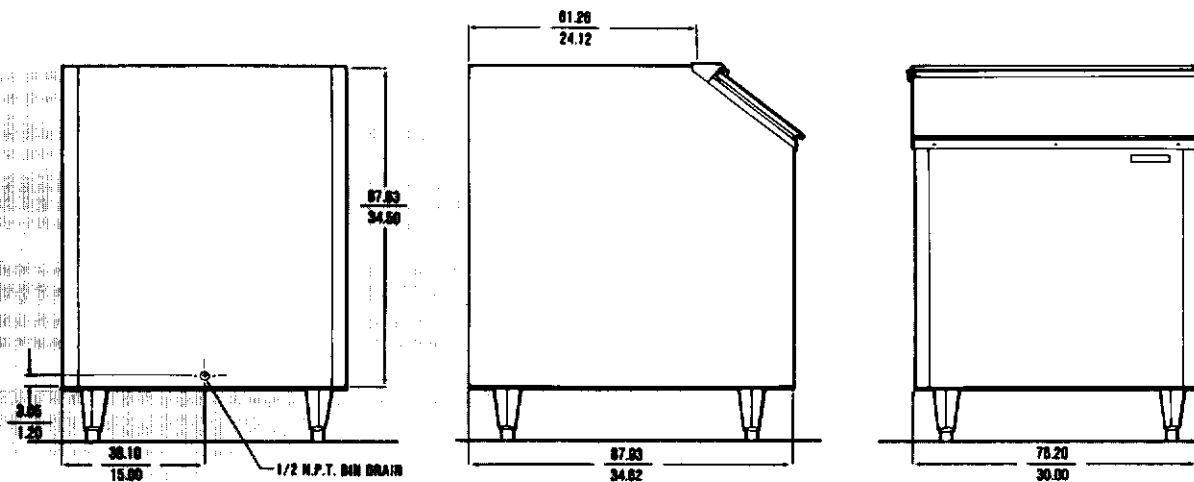
- Exclusive 60 day Factory Labor coverage.
- 2 year coverage on all parts.
- Directory of Certified Service Dealers.



CM650 on B650

B650

MODULAR STORAGE BIN



CENTIMETERS
INCHES

NOTE: Allow installation clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	Dimensions H" x W" x D"	Cubic Feet	Bin Cap. ***	Finish **	Shpg. Wt. lbs./kg.
B650 MODULAR BIN					
B650E	34½ x 30 x 34½	13.8	425 lbs.	ES	138/63
B650S	34½ x 30 x 34½	13.8	425 lbs.	SS	138/63

- ** ES Sandalwood gloss enamel on leathergain embossed steel cabinet.
- *** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. Standard).

Bin has a wide vinyl foam insulating gasket on top edges to provide an air-tight seal between bin and ice machine.

This product qualifies for the following listing:



OPTIONAL LEG KIT:

KLP2S: Nickel plated, brushed metal finish with adjustable feet.

OPTIONAL BIN TOP:

KBT6: Bin top to accommodate MH750, MF400 or MF700.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

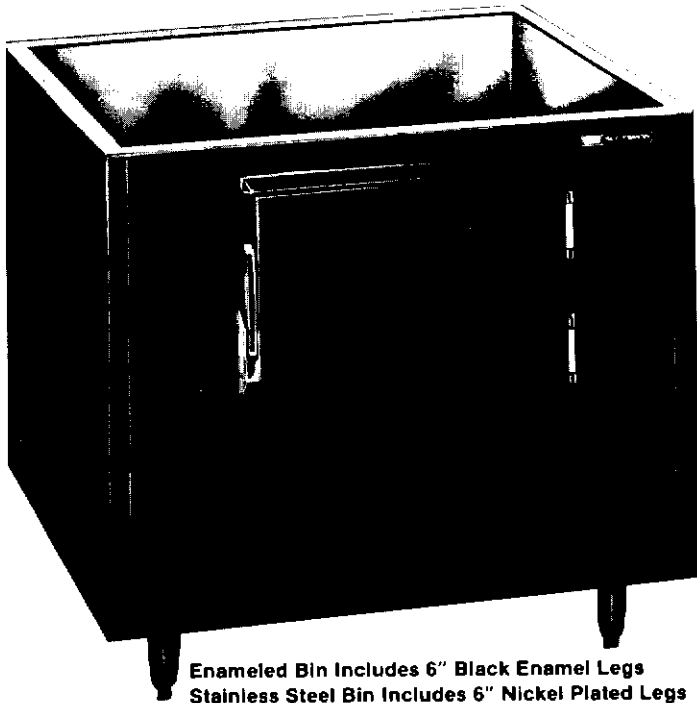
Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

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505 FRONT ST.,
ALBERT LEA, MN 56007
(507) 363-3961
TWX 910-565-2173

AS-502

Printed in U.S.A.



Enameled Bin Includes 6" Black Enamel Legs
Stainless Steel Bin Includes 6" Nickel Plated Legs

B90

Modular Ice Storage Bin

VOLUME STORAGE — AMPLE ICE RESERVE

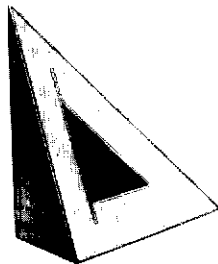
- Holds up to 590 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for one or more Modular Cubers or Flakers.
- Expandable by adding bin extension.

QUALITY CONSTRUCTION — DEPENDABLE

- NSF Approved construction.
- Durable gloss enamel finish on embossed steel cabinet — wipes clean easily.
- Attractive Charcoal Brown enamel finish blends well with all decors.
- Heavy-duty refrigerator type steel door provides easy access to full width.
- 6" legs with adjustable leveling feet. Legs are removable.
- Bins and extensions have insulating gasket seal on top edges.

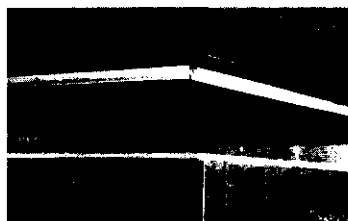
STRONGEST WARRANTY — SATISFACTION

- Exclusive 12 Month Factory Labor coverage.
- 2 year coverage on all parts.
- Directory of Certified Service Dealers.



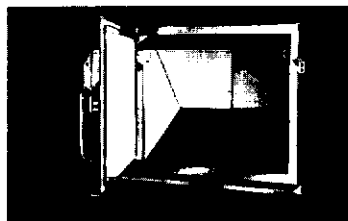
FULLY INSULATED CABINET

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.



ALIGNMENT FLANGE

Bin extensions nest perfectly on top of the B90 to insure an air tight seal. Locks extensions into place, prevents leakage.

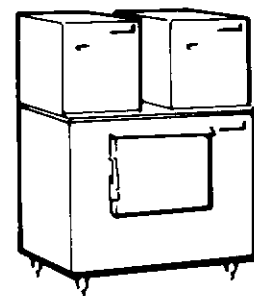


NO-SPILL FEATURE

Stainless steel baffles carry ice to the door opening for easy ice access, but prevent cubes from spilling onto the floor.

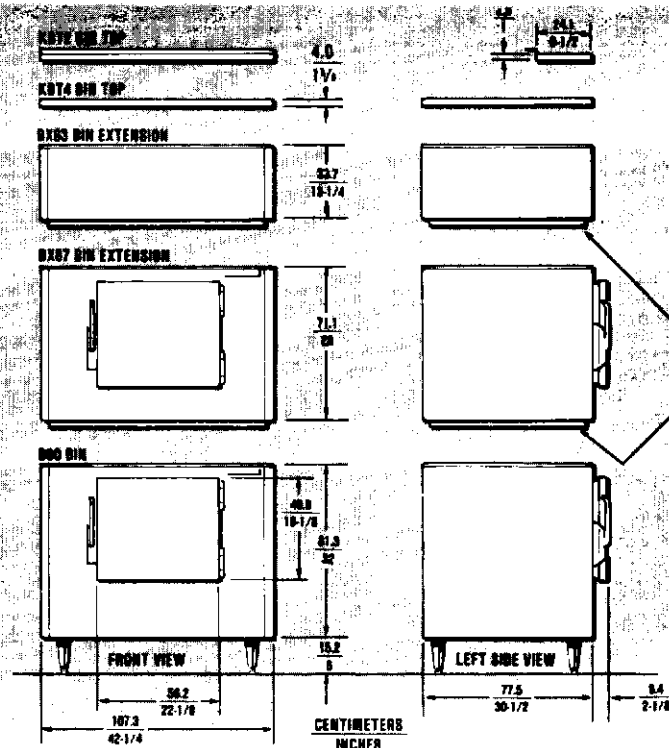
SANITARY BIN LINER

The bin liner is made of heavy gauge Stainless Steel, welded together and polished to make a complete seamless storage area ... durable, sanitary and easy to clean.



(2) MH750 Cubers on B90

B90 MODULAR ICE STORAGE BIN



This product qualifies for the following listing



ALIGNMENT FLANGE

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

NOTE: Allow sufficient installation clearance for ice machine ventilation and utility connections.

SPECIFICATIONS

Model Number	Dimensions (H x W x D) (Height - w/o Legs)	Cubic Feet	Bin Cap. **	Finish **	Shpg. Wt. lbs./kg.
EB90	32 x 42 1/2 x 30 1/2	19.3	590 lbs.	EC	184/83
SB90	32 x 42 1/4 x 30 1/2	19.3	590 lbs.	SS	171/78

** EC Charcoal Brown gloss enamel on leathergrain embossed steel cabinet.
 ** SS Stainless Steel cabinet.
 *** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. Standard)

KBT2 BIN Top

Stainless steel for use with modular cubers HC400 & HC800.
 Shipping Weight: 6 lbs. (3.0 kg.)

KBT4 BIN Top

Stainless steel for use with modular flakers. (Order KBT4A)
 For MH Cuber order KBT4H.
 Shipping Weight: 42 lbs. (19.0 kg.)

BX83 Bin Extension

Increased Ice Storage Capacity: 260 lbs. (118 kg.)

EBX83: Charcoal Brown enamel, **SBX83:** Stainless Steel.
 Shipping Weight: 43 lbs. (20.0 kg.)

BX87 BIN Extension

Increased Ice Storage Capacity: 560 lbs. (254 kg.) Same door as on B90 Bin.

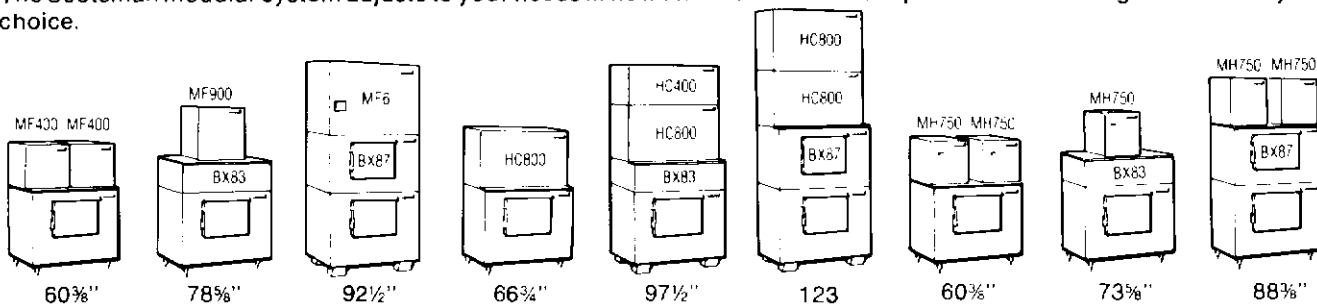
EBX87: Charcoal Brown Enamel, **SBX87:** Stainless Steel.
 Shipping Weight: 115 lbs. (52.0 kg.)

OPTIONAL LEG KITS

KLP2S: Round, Nickel plated with adjustable leveling feet.
KLP4: Square cast aluminum legs, 6" high. Recommended when stacked units exceed 96 inches.

SAMPLE COMBINATIONS:

The Scotsman modular system adjusts to your needs ... now and in the future. Add production or storage modules of your choice.



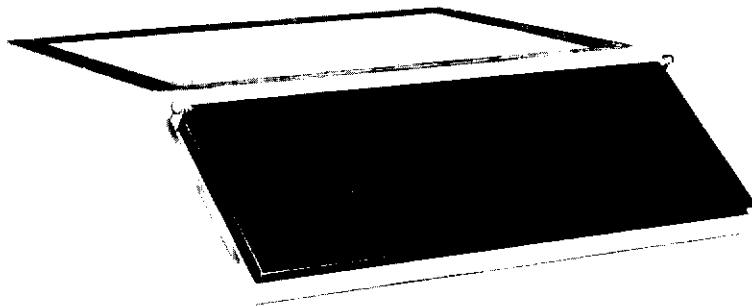
Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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INTERNATIONAL COMPANY



SCOTSMAN
COMMERCIAL ICE SYSTEMS

BH250

Modular Ice Storage Bin

VOLUME STORAGE — AMPLE ICE RESERVE

- Holds up to 250 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the Scotsman CM250 or CM450.

QUALITY CONSTRUCTION — DEPENDABLE

- NSF Approved construction.
- Durable gloss enamel finish on embossed steel cabinet — wipes clean easily.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.
- Bins have insulating gasket seal on top edges.

STRONGEST WARRANTY — SATISFACTION

- New Exclusive 12 Month Factory Labor coverage.
- 2 year coverage on all parts.
- Directory of Certified Service Dealers.

Enamelled Bin Includes 6" Black Enamel Legs
Stainless Steel Bin Includes 6" Nickel Plated Legs

MINIMUM ICE LOSS FROM MELTING

Producing large amounts of ice is one thing ... keeping the ice from melting is another.

Scotsman has over 35 years of experience in building ice storage bins. They know the need of users to keep the ice after it is made.

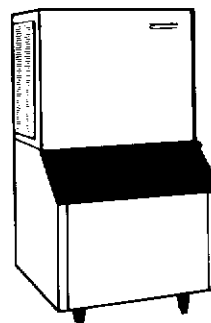
Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.

INSULATED BIN

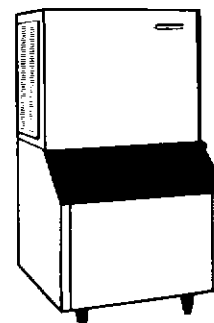
Economical bin storage. Keeps ice for long periods, minimizes meltage. Insulation between outer cabinet and inner liner keeps out surrounding heat. Preserves ice shape and supply until needed.

SANITARY BIN LINER

The bin liner is made of heavy gauge Stainless Steel, welded together and polished to make a complete seamless storage area ... durable, sanitary and easy to clean.

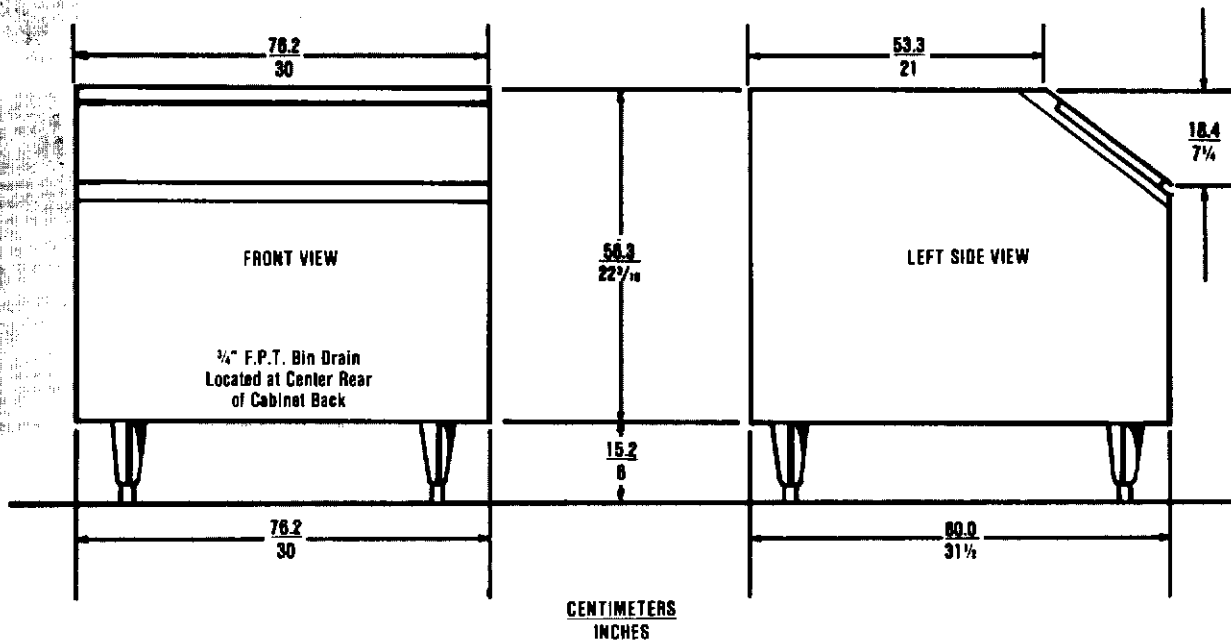


CM250 on BH250



CM450 on BH250

BH250 MODULAR ICE STORAGE BIN



Bins and extensions have a wide vinyl foam insulating gasket on top edges to provide an airtight seal between bin and extensions.

This product qualifies for the following listings:



NOTE: When installing, allow clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Cubic Feet	Bin Cap. ***	Finish **	Ship. Wt. lbs./kg.
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BH250 MODULAR ICE STORAGE BIN

BH250E	22 1/16 x 30 x 31 1/2	8.5	250 lbs.	ES	104/47
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** ES Sandalwood gloss enamel on leathergrain embossed steel cabinet.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. - Standard)

Bin has a wide vinyl foam insulating gasket on top edges to provide an airtight seal between bin and ice machine.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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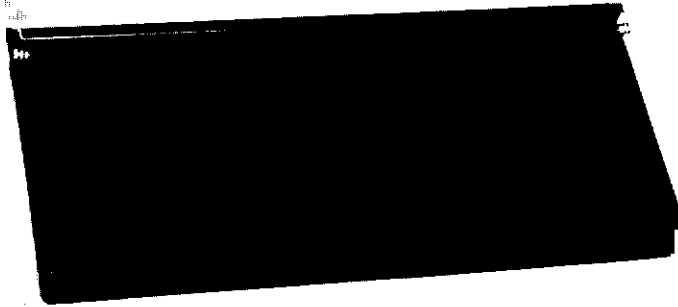
AS-530

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**EXCLUSIVE
5 YEAR
PARTS & LABOR
WARRANTY!**

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C.S.I. FILE NO. 11400



SCOTSMAN



Bin Includes 6" Black Enamel Legs

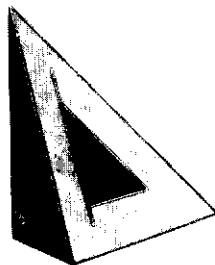


MINIMUM ICE LOSS FROM MELTING

Producing large amounts of ice is one thing ... keeping the ice from melting is another.

Scotsman has over 35 years of experience in building ice storage bins. They know the need of users to keep the ice after it is made.

Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.



POLYURETHANE INSULATION

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.

BIN EXTERIOR

Molded high density polyethylene can't rust, chip or be dented. Excellent insulation qualities mean more efficient bin.

SCOTSMAN COMMERCIAL ICE SYSTEMS

BIN INTERIOR

The high density polyethylene bin is sanitary and easy to clean. Resists scratches and scuffs from ice scoops. Insulation preserves cube shape and size.

HTB250
Modular
Ice Storage Bin

**VOLUME STORAGE
AMPLE ICE RESERVE**

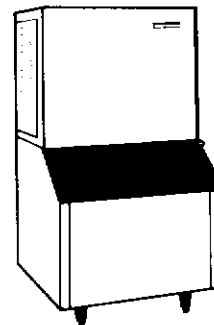
- Holds up to 250 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the Scotsman CM250 or CM450.

**QUALITY CONSTRUCTION
DEPENDABLE**

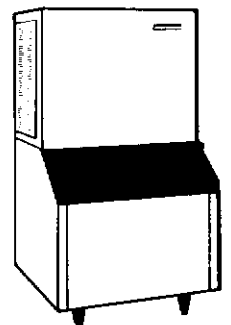
- NSF Approved construction.
- New in the industry — double wall Roto Cast Bin will never rust.
- Attractive Sandalwood enamel finish blends with all decors.
- Sanitary door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.
- Bins have insulating gasket seal on top edges.

**STRONGEST WARRANTY —
SATISFACTION**

- Exclusive 5 year Parts & Labor Warranty — Industry First.
- Directory of Certified Service Dealers.

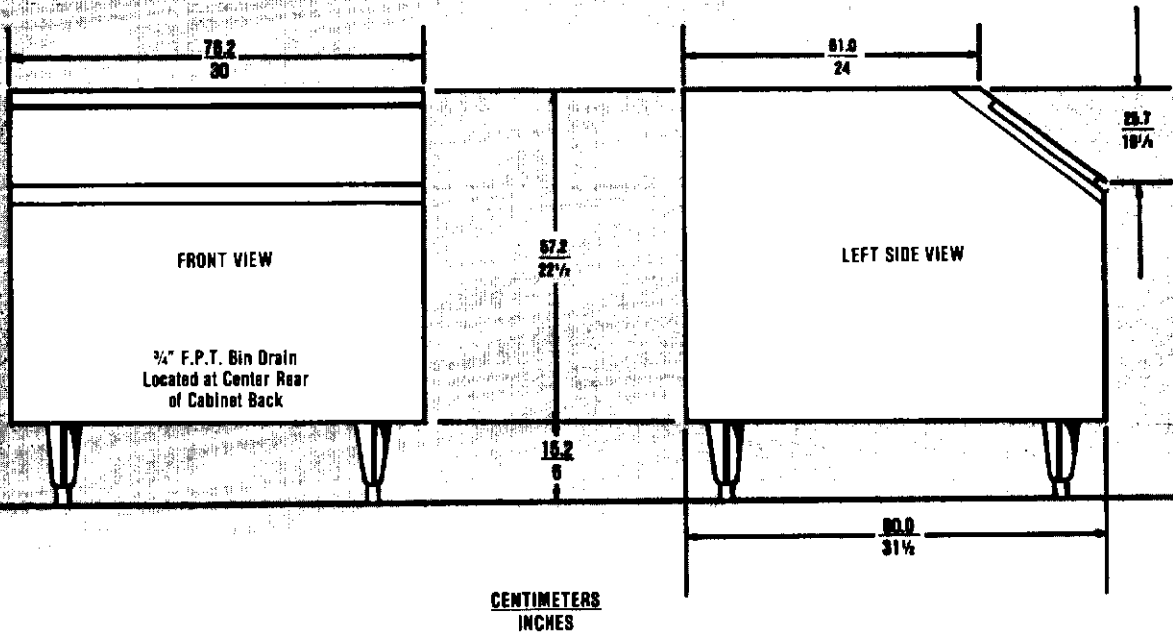


CM250 on HTB250



CM450 on HTB250

HTB250 MODULAR ICE STORAGE BIN



This product qualifies for the following listings:



NOTE: When installing, allow clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	Dimensions (Height - w/o Legs) H" x W" x D"	Cubic Feet	Bin Cap. wt.	Finish	Shpg. Wt. lbs./kg.
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HTB250 MODULAR ICE STORAGE BIN

HTB250	22 1/2 x 30 x 31 1/2	8.2	250 lbs.	HTB	100/45
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** HTB Linear High Density Polyethylene. Sandalwood color.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. Standard).

Bin has a wide vinyl foam insulating gasket on top edges to provide an airtight seal between bin and ice machine.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

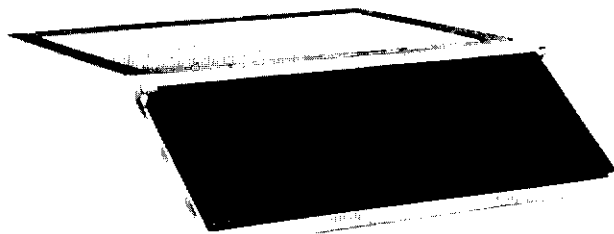
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AS-410

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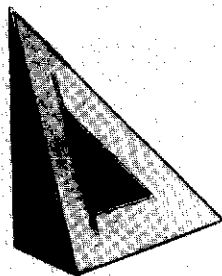
**Enameled Bin Includes
6" Black Enamel Legs.**

MINIMUM LOSS FROM MELTING

Producing large amounts of ice is one thing ... keeping the ice from melting is another.

Scotsman has over 35 years of experience in building ice storage bins. They know the need of users to keep the ice after it is made.

Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.



**POLYURETHANE
INSULATION**

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.



BIN LINER

The high density polyethylene bin is sanitary and easy to clean. Resists scratches and scuffs from ice scoops. Insulation preserves cube shape and size.

BH350A

**Modular
Ice Storage Bin**

**VOLUME STORAGE —
AMPLE ICE RESERVE**

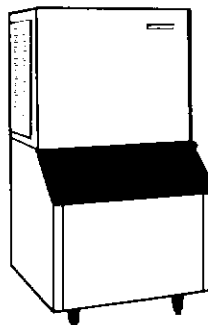
- Holds up to 350 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the Scotsman CM250, CM450 or CM500.

**QUALITY CONSTRUCTION —
DEPENDABLE**

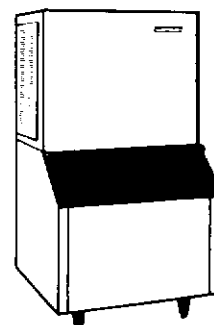
- NSF Approved construction.
- Durable gloss enamel finish on embossed steel cabinet — wipes clean easily.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.
- Bins have insulating gasket seal on top edges.

**STRONGEST WARRANTY —
SATISFACTION**

- New Exclusive 12 Month Factory Labor coverage.
- 2 Year coverage on all parts.
- Directory of Certified Service Dealers.

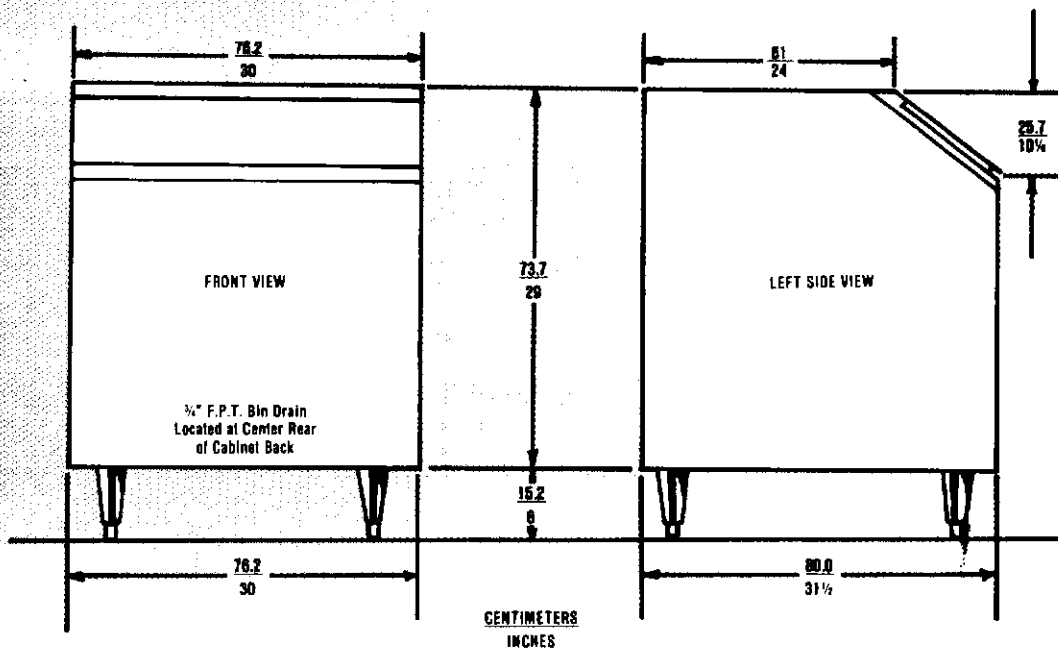


CM450 on BH350A



**CM500 on BH350A
(1 1/2" Overhang on Rear)**

BH350A MODULAR ICE STORAGE BIN



This product qualifies for the following listings:



NOTE: When installing, allow clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Cubic Feet	Bin Cap. ***	Finish **	Ship. Wt. lbs./kg.
BH350A MODULAR ICE STORAGE BIN					
BH350AE	29 x 30 x 31 1/2	11.5	350 lbs.	ES	123/56

** ES Sandalwood gloss enamel on leathergrain embossed steel cabinet.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. - Standard)

BIN TOP

KBT10	1 1/2 x 30 x 24	Use with MF400, MF700, MF900	SS	23/10.4
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Bin has a wide vinyl foam insulating gasket on top edges to provide an airtight seal between bin and ice machine.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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AS-557 — Preliminary

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C.S.I. FILE NO. 11400

**EXCLUSIVE
5 YEAR
PARTS & LABOR
WARRANTY!**

**WILL
NEVER
RUST!**

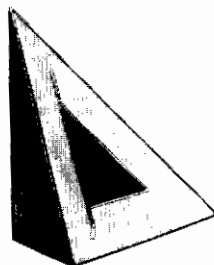
Bin Includes 6" Black Enamel Legs.

MINIMUM ICE LOSS FROM MELTING

Producing large amounts of ice is one thing ... keeping the ice from melting is another.

Scotsman has over 35 years of experience in building ice storage bins. They know the need of users to keep the ice after it is made.

Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.



POLYURETHANE INSULATION

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.

BIN EXTERIOR

Molded high density polyethylene can't rust, chip or be dented. Excellent insulation qualities mean more efficient bin.

BIN INTERIOR

The high density polyethylene bin is sanitary and easy to clean. Resists scratches and scuffs from ice scoops. Insulation preserves cube shape and size.

HTB350

Modular Ice Storage Bin

VOLUME STORAGE AMPLE ICE RESERVE

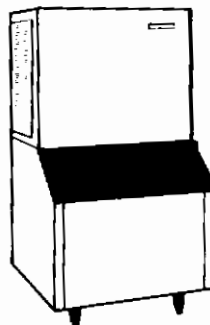
- Holds up to 350 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the Scotsman CM450 or CM500.

QUALITY CONSTRUCTION DEPENDABLE

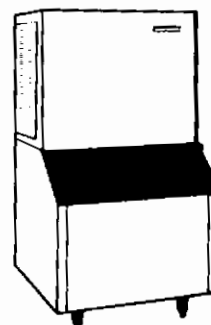
- NSF Approved construction.
- New in the industry — double wall Roto Cast Bin will never rust.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.
- Bins have insulating gasket seal on top edges.

STRONGEST WARRANTY — SATISFACTION

- Exclusive 5 year Parts & Labor Warranty — Industry First.
- Directory of Certified Service Dealers.

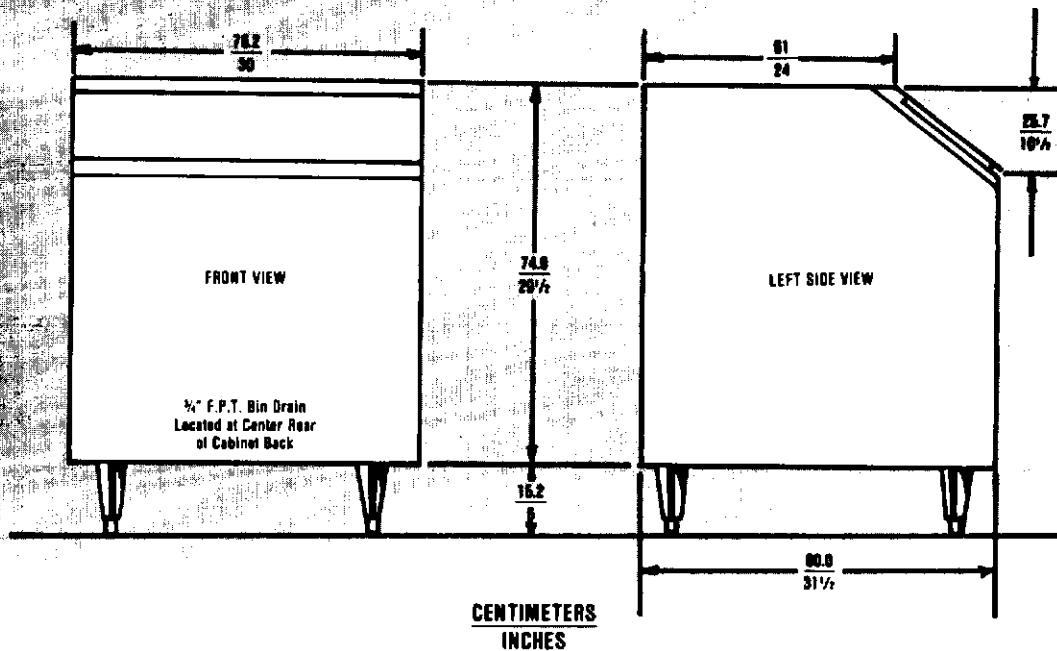


CM450 on HTB350



CM500 on HTB350

HTB350 MODULAR ICE STORAGE BIN



This product qualifies for the following listings:



NOTE: When installing, allow clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	(Height + w/o Legs) Dimensions H" x W" x D"	Cubic Feet	Bin Cap. ***	Finish **	Shpg. Wt. lbs./kg.
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HTB350 MODULAR ICE STORAGE BIN

HTB350	29 1/2 x 30 x 31 1/2	11.4	350 lbs.	HTB	120/54
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** HTB Linear High Density Polyethylene. Sandalwood color.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. - Standard).

BIN TOP

KBT10	1 1/2 x 30 x 24	Use with MF400, MF700, and MH750	SS	22/10
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CM250, CM450, CM500, CM650 CAN BE USED WITH HTB350 BIN.

Bin has a wide vinyl foam insulating gasket on top edges to provide an airtight seal between bin and ice machine.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

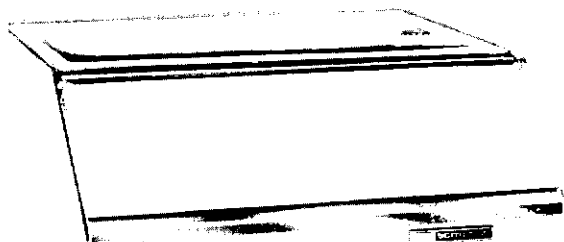
Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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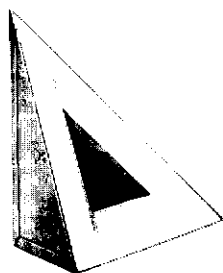


BH450

Modular Storage Bin

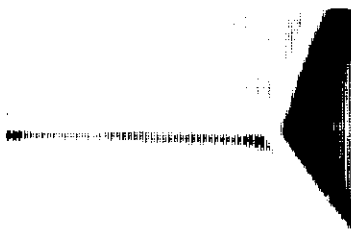


Enameled Bin Includes 6" Black Enamel Legs
Stainless Steel Bin Includes 6" Nickel Plated Legs



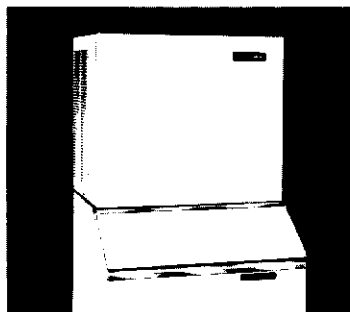
FULLY INSULATED BIN

Economical bin storage. Keeps ice for long periods, minimizes meltage. Insulation between outer cabinet and inner liner keeps out surrounding heat. Preserves ice shape and supply until needed.



BIN LINER

The bin liner is made of heavy gauge stainless steel, welded together and polished to make a complete seamless storage area ... durable, sanitary and easy to clean.



VOLUME ICE STORAGE

For volume ice storage, mount a CM450 Contour Cuber on top of the BH450 bin. The low profile and large access door featured on the BH450 bin offers fast convenient ice removal.

VOLUME STORAGE — AMPLE ICE RESERVE

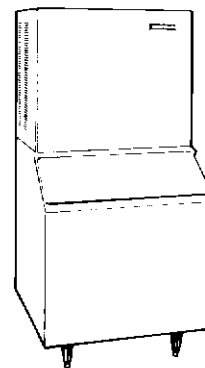
- Holds up to 405 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for the SCOTSMAN Model CM450 Cuber.

QUALITY CONSTRUCTION — DEPENDABLE.

- NSF Approved construction.
- Durable gloss enamel finish on embossed steel cabinet — wipes clean easily.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.

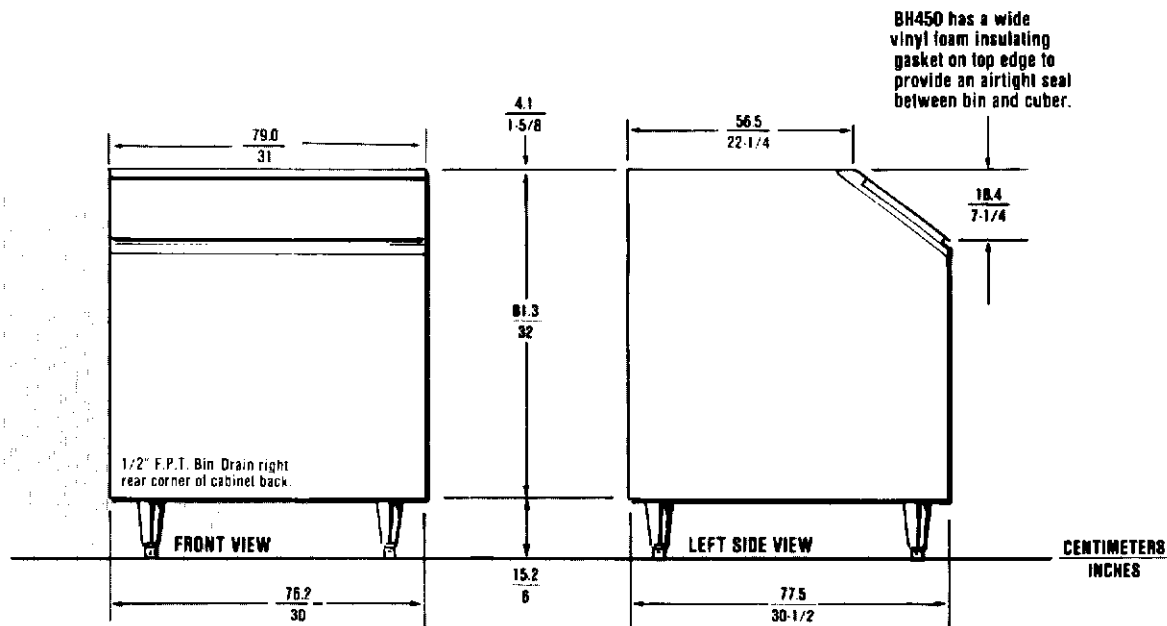
STRONGEST WARRANTY — SATISFACTION.

- Exclusive 60 day Factory Labor coverage.
- 2 year coverage on all parts.
- Directory of Certified Service Dealers.



CM450 on BH450

BH450 MODULAR STORAGE BIN



NOTE: Allow installation clearance for ice machine ventilation.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Cubic Feet	Bin Cap. ***	Finish **	Shpg. Wt. lbs./kg.
BH450 MODULAR BIN					
BH450E	32 x 30 x 30 1/2	12.5	405 lbs.	ES	165/75
BH450S	32 x 30 x 30 1/2	12.5	405 lbs.	ES	160/73

** ES Sandalwood gloss enamel on leathergain embossed steel cabinet.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. Standard).

Bin has a wide vinyl foam insulating gasket on top edges to provide an air-tight seal between bin and ice machine.

This product qualifies for the following listing:



OPTIONAL LEG KITS:

KLP2S: Nickel plated, brushed metal finish with adjustable feet.

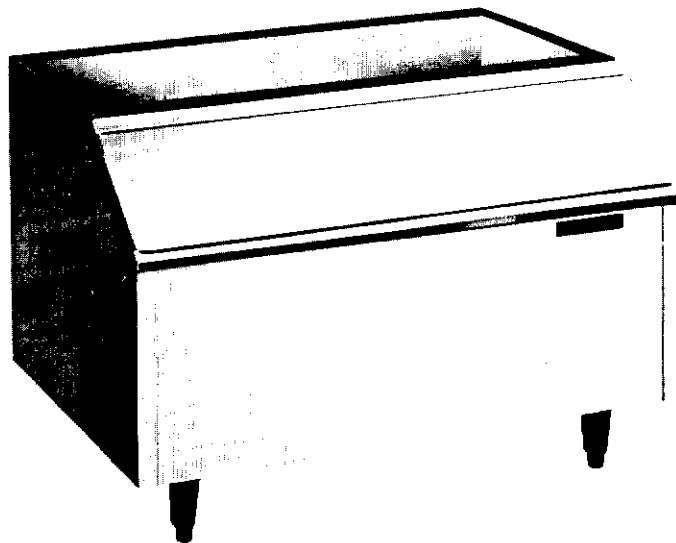
KLP3: Cast aluminum 6" square legs.

382

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

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Enameled Bin Includes 6" Black Enamel Legs
Stainless Steel Bin Includes 6" Nickel Plated Legs

B40

Modular Ice Storage Bin

VOLUME STORAGE — AMPLE ICE RESERVE

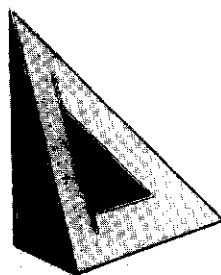
- Holds up to 370 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for one or more Modular Cubers or Flakers.
- Expandable by adding bin extension.

QUALITY CONSTRUCTION — DEPENDABLE

- NSF Approved construction.
- Durable gloss enamel finish on embossed steel cabinet — wipes clean easily.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary stainless steel door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.
- Bins and extensions have insulating gasket seal on top edges.

STRONGEST WARRANTY — SATISFACTION

- Exclusive 12 Month Factory Labor coverage.
- 2 year coverage on all parts.
- Directory of Certified Service Dealers.



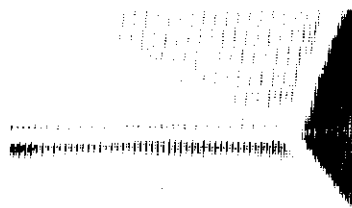
FULLY INSULATED CABINET

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.



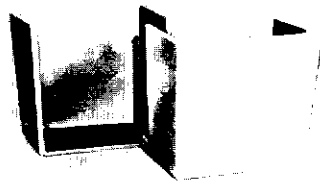
BIN EXTENSION

BX25 Bin extension can be added at any time to increase storage capacity 150 lbs. as need for more storage develops.



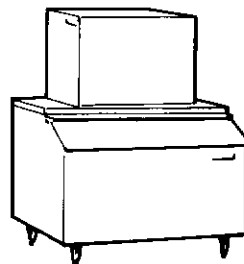
SANITARY BIN LINER

The bin liner is made of heavy gauge Stainless Steel, welded together and polished to make a complete seamless storage area ... durable, sanitary and easy to clean.

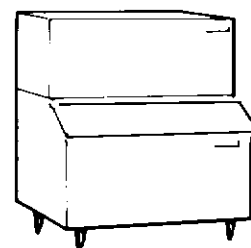


HEAVY-DUTY LEGS

The KLP4 optional leg kit consists of four cast aluminum square legs. The heavy duty 6" legs bolt directly onto the B40 bin. Suggested for combined bin and ice machine combinations exceeding 96" in height.

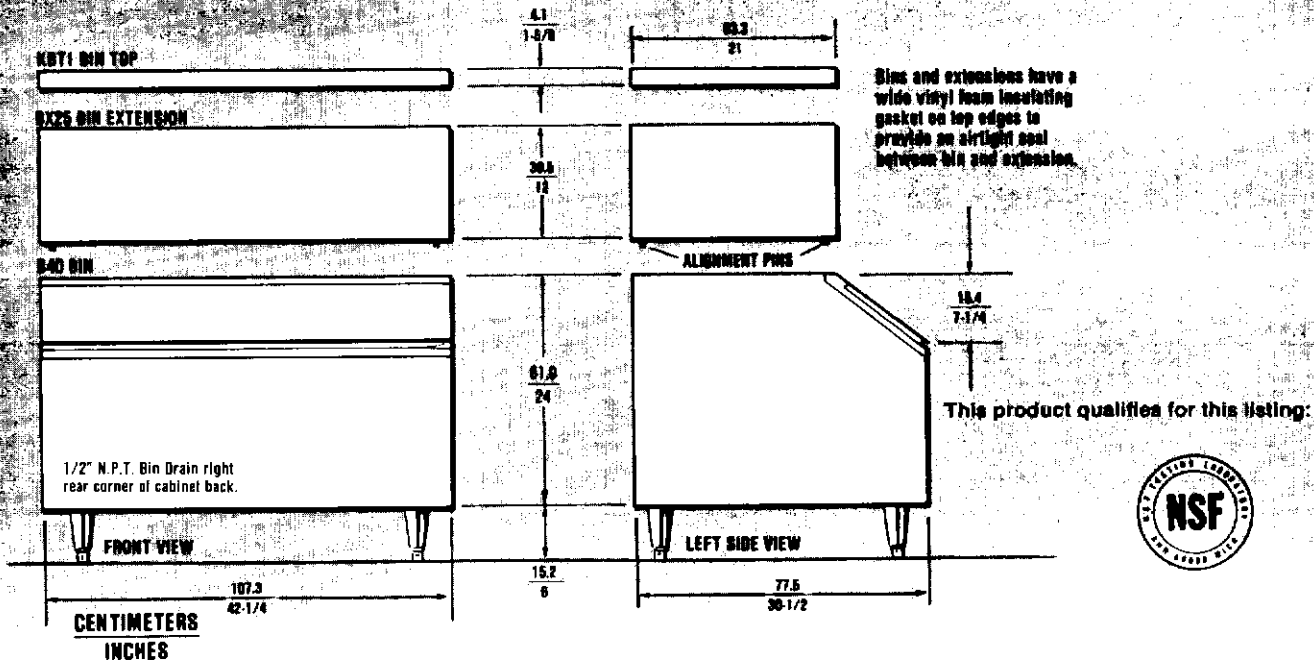


MH750 Cuber on B40



HC400 Cuber on B40

B40 MODULAR ICE STORAGE BIN



NOTE: Allow sufficient installation clearance for ice machine ventilation and utility connections.

SPECIFICATIONS

Model Number	Finish	Dimensions H" x W" x D"	Cubic Feet	Bin Cap. ***	Finish **	Shpg. Wt. lbs./kg.
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BH450 MODULAR BIN

EB40	ES	24 x 42 1/4 x 30 1/2	12.2	370 lbs.	ES	146/66
SB40	SS	24 x 42 1/4 x 30 1/2	12.2	370 lbs.	SS	138/63

** ES Sandalwood gloss enamel on leathergrain embossed steel cabinet.
SS Stainless Steel cabinet.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. Standard).

BIN TOPS

KBT1	1 1/2 x 42 1/4 x 21	Use with MF700, MF900	SS	35/16
KBT9	1 1/2 x 42 1/4 x 21	Use with MH750	SS	35/16

Top not required for HC400 or HC800 Modular Cubers

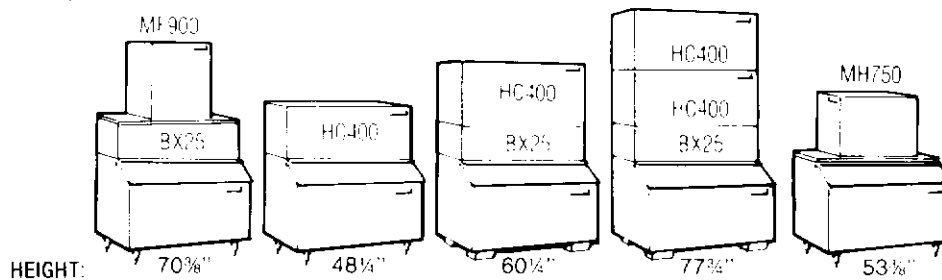
BX25 BIN EXTENSION

Increased Ice Storage Capacity: 150 lbs. (68 kg.)

EBX25: Sandalwood Enamel, SBX25: Stainless Steel.

Shipping Weight: 40 lbs. (18.2 kg.)

SAMPLE COMBINATIONS:



The Scotsman modular system adjusts to your needs... now and in the future. Add production or storage modules of your choice.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

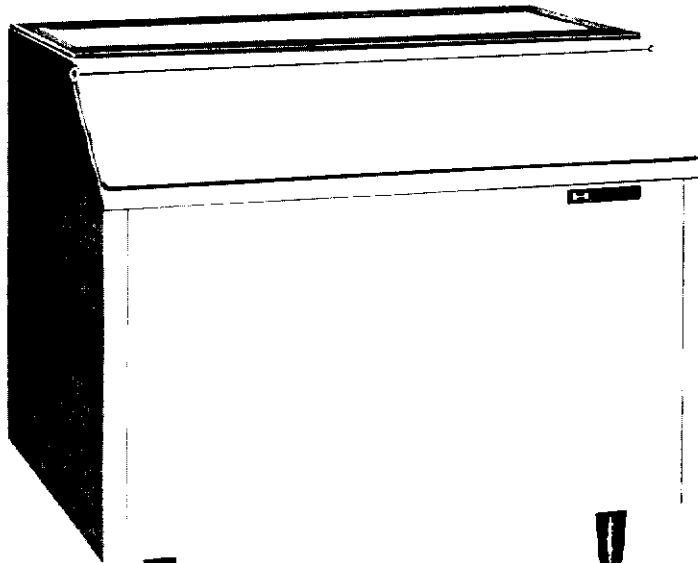
A HOUSEHOLD

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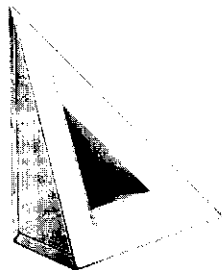
INTERNATIONAL COMPANY

TWX 910-565-2173

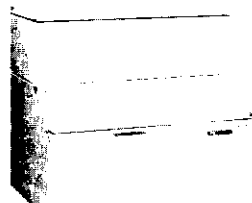
Printed in U.S.A.



Enameled Bin Includes 6" Black Enamel Legs
Stainless Steel Bin Includes 6" Nickel Plated Legs



FULLY INSULATED CABINET
Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.



BIN EXTENSION
BX25 Bin extension can be added at any time to increase storage capacity 150 lbs. as need for more storage develops.



SANITARY BIN LINER
The bin liner is made of heavy gauge Stainless Steel, welded together and polished to make a complete seamless storage area ... durable, sanitary and easy to clean.

HEAVY-DUTY LEGS
The KLP3 optional leg kit consists of four cast aluminum square legs. The heavy duty 6" legs bolt directly onto the B60 bin. Suggested for combined bin and ice machine combinations exceeding 96" in height.

B60

Modular Ice Storage Bin

VOLUME STORAGE — AMPLE ICE RESERVE

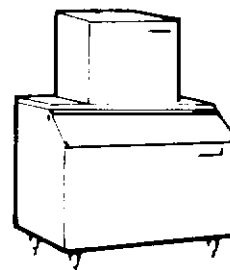
- Holds up to 550 pounds.
- Horizontal design — low profile, fits where ceilings are low.
- Ideal storage companion for one or more Modular Cubers or Flakers.
- Expandable by adding bin extension.

QUALITY CONSTRUCTION — DEPENDABLE

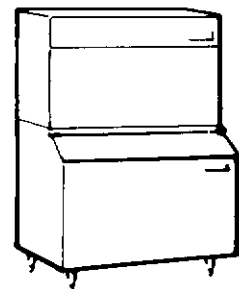
- NSF Approved construction.
- Durable gloss enamel finish on embossed steel cabinet — wipes clean easily.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary stainless steel door provides easy access to full bin width.
- 6" legs with adjustable leveling feet. Legs are removable.
- Bins and extensions have insulating gasket seal on top edges.

STRONGEST WARRANTY — SATISFACTION

- Exclusive 60 day Factory Labor coverage.
- 2 year coverage on all parts.

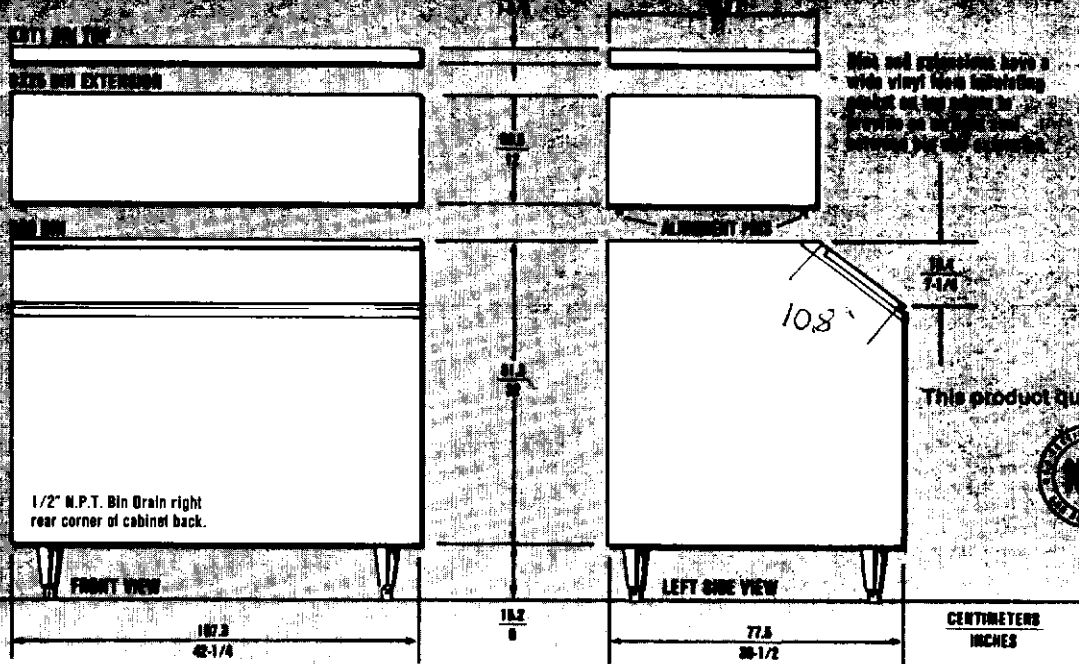


MF700 Flaker on B60



CM850 Cuber on B60

B60 MODULAR ICE STORAGE BIN



We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

NOTE: Allow sufficient installation clearance for ice machine ventilation and utility connections.

SPECIFICATIONS

Model	Dimensions H x W x D*	Cubic Feet	Bin Cap. **	Finish **	Ship. Wt. lbs./kg.
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B60 MODULAR ICE STORAGE BINS

EB60	32 x 42 1/4 x 30 1/2	18.1	550 lbs.	ES	178/81
SB60	32 x 42 1/4 x 30 1/2	18.1	550 lbs.	SS	166/75

** ES Sandalwood gloss enamel on leathergrain embossed steel cabinet.
SS Stainless Steel cabinet.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice. (A.R.I. Standard).

KBT1 BIN TOP

Modular Flakers and MH750 require top. Top not required for Modular Cuber Models HC400, HC800 and CM850.

Shipping Weight: 36 lbs. (16.4 kg.)

BX25 BIN EXTENSION

Increased Ice Storage Capacity: 150 lbs. (68 kg.)

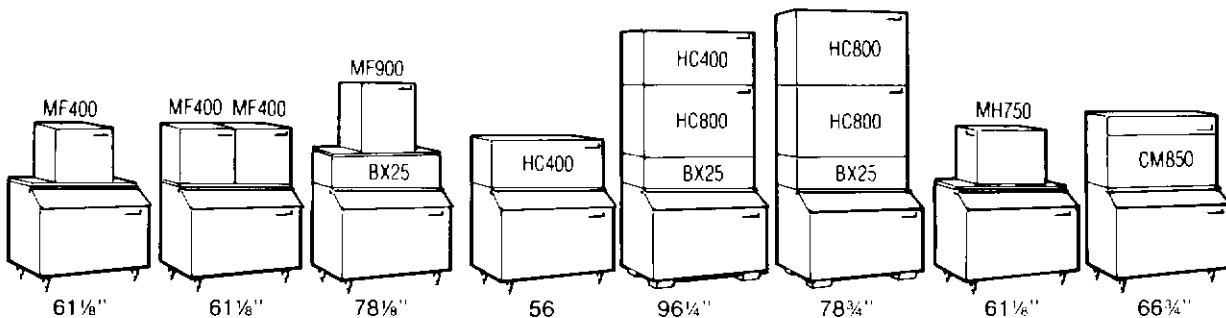
EBX25: Sandalwood Enamel, SBX25: Stainless Steel.
Shipping Weight: 40 lbs. (18.2 kg.)

OPTIONAL LEG KITS

KLP2S: Nickel plated, brushed metal finish with adjustable feet.

KLP3: Square cast aluminum legs, 6" high. Recommended when stacked units exceed 96".

SAMPLE COMBINATIONS:



The Scotsman modular system adjusts to your needs... now and in the future. Add production or storage modules of your choice.

Scotsman Ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

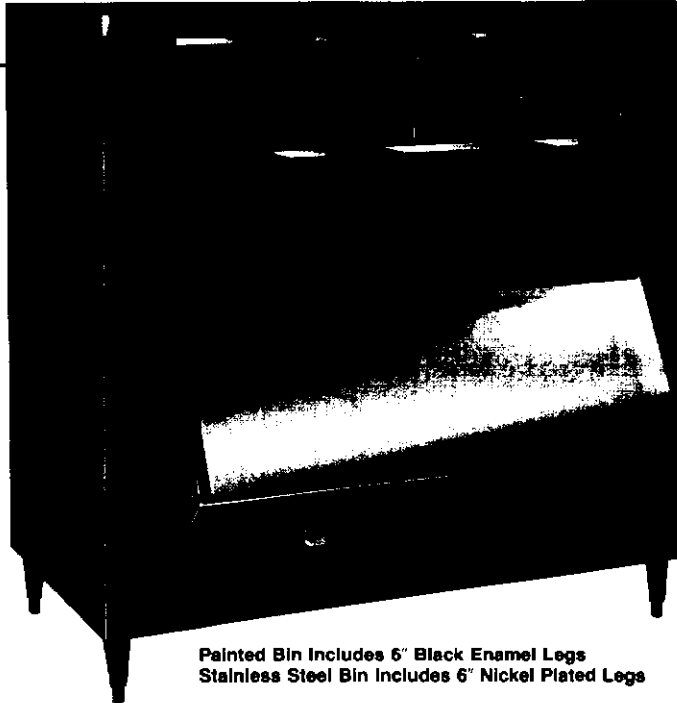
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BH1360

Modular Ice Storage Bin

SCOTSMAN

C.S.I. FILE NO. 11400



Painted Bin Includes 6" Black Enamel Legs
Stainless Steel Bin Includes 6" Nickel Plated Legs

EASY ACCESS BIN

The BH1360 is engineered for the volume ice user . . . each bin has over 43 cu. ft. of ice storage space. Large access door permits removing ice from lower section (only 22" from floor) of bin with large scoop or shovel. Ice manufactured first is used first preventing possible ice bridging.

Scotsman bins store ice with minimum meltage assuring maximum usage of ice produced.

VOLUME STORAGE – AMPLE ICE RESERVE

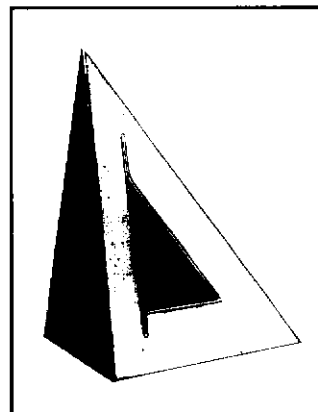
- Holds up to 1320 pounds.
- Ideal storage companion for the Scotsman CM855, CM1000 and CM1400 cubers, NM nugget ice series and FM flake ice series.
- Accepts one or more Modular Cube, Flake or Nugget Ice Machines.
- Ships with bin top included.

QUALITY CONSTRUCTION – DEPENDABLE

- NSF approved construction.
- Durable gloss enamel finish on steel cabinet – wipes clean easily.
- Attractive Sandalwood enamel finish blends well with all decors.
- Sanitary stainless steel door provides easy access to full bin width.
- Inspection windows.
- Superior access to ice with shovel or scoop.

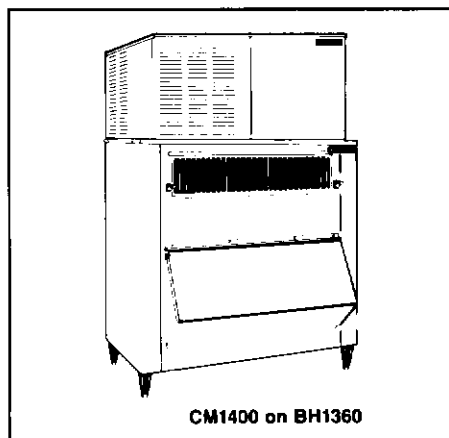
WARRANTY – SATISFACTION

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- More than 1300 Certified Service Dealers located throughout the U.S. and Canada.



FULLY INSULATED CABINET

Foam insulation is forced between the wall and liner under heat and pressure, forms perfect wall to wall bond, preserves ice supply for long periods.



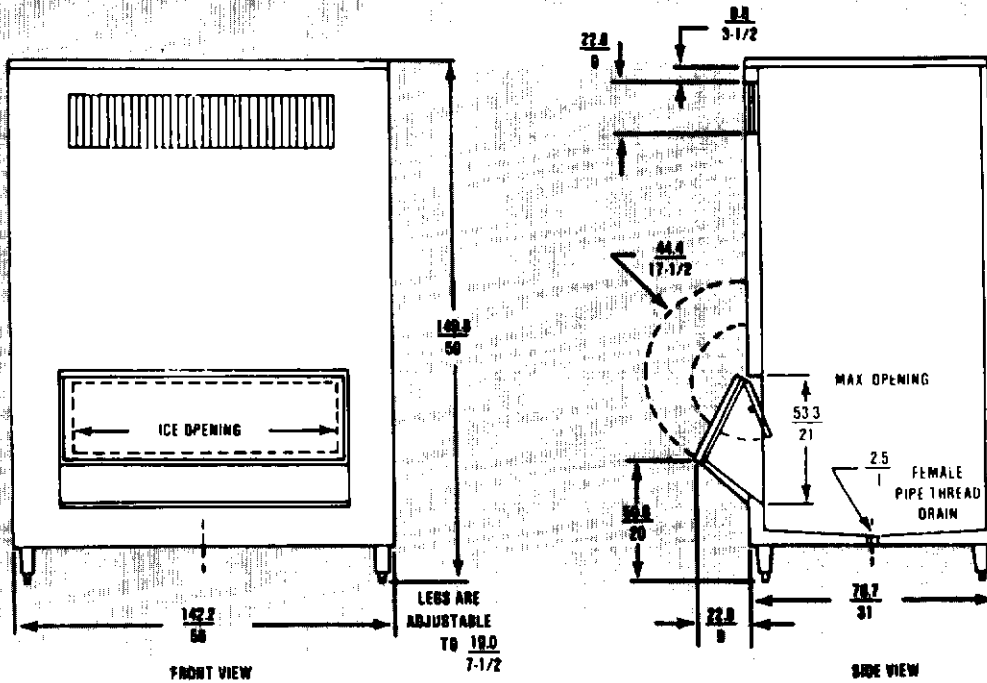
CM1400 on BH1360



LARGE ACCESS DOOR

Large access door permits ice removal with large scoop or shovel.

BH1360 MODULAR STORAGE BIN



This product qualifies for the following listing:



CENTIMETERS
 INCHES

INSTALLATION NOTE: Allow 6" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model Number	Height - w/o Legs Dimensions 11" 2 1/2" x D"	Cubic Feet	Bin Cap. lbs./sq. ft.*	Finish	Stkg. Wt. lbs./sq. ft.
BH1360E	53 x 56 x 38 3/4	43.2	1320/599	ES	366/166
BH1360S	53 x 56 x 38 3/4	43.2	1320/599	SS	366/166

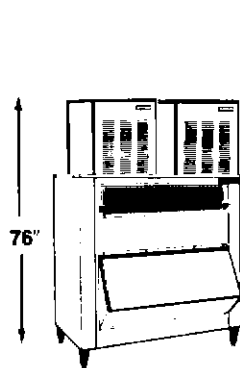
- * Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb./ft.³ average density of ice.
- ** (ES) Sandalwood gloss enamel finish. (SS) Stainless steel. BH1360 has stainless steel liner.

USE WITH:

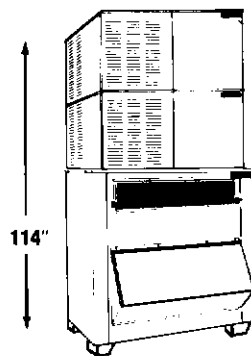
- (1) or (2) CM1400 stacked
- (1) or (2) CM1000 stacked
- (1) or (2) CM855 stacked
- (2) NM650 side by side
- (1) or (2) NM1250 stacked
- (2) FM800 side by side
- (1) or (2) FM1200 side by side
- (1) FM2400

Bin top panels included with the BH1360 adjust to fit the various ice machine cabinet sizes listed.

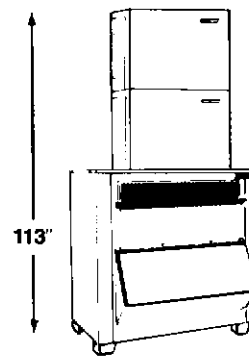
All stacked installations require heavy duty leg kit KLP135.



(2) FM1200's on BH1360



(2) CM1400's on BH1360



(2) NM1250's on BH1360

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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 FAX (312) 913-9844

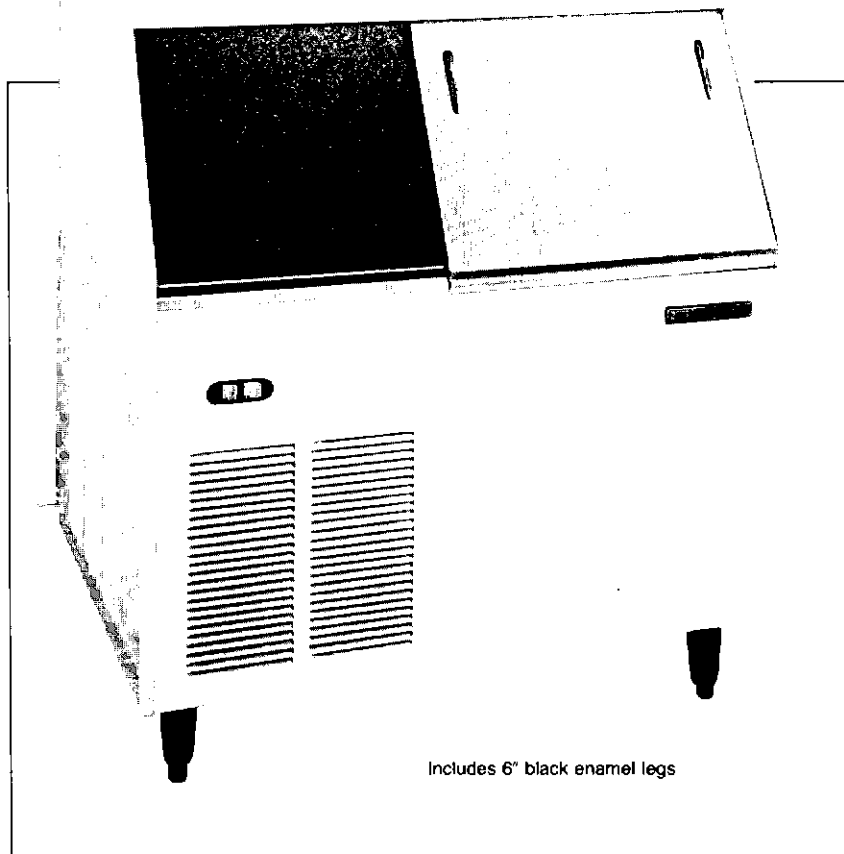
Printed in U.S.A.
 10M 7-89

AN760

Ice Nugget Maker
With Storage Bin

SCOTSMAN
COMMERCIAL ICE SYSTEMS

C.S.I. FILE NO. 11400



Includes 6" black enamel legs

ENERGY EFFICIENT – LOWER OPERATING COSTS

- Up to 636 lbs. of "Ice Nuggets" in 24 hours.
- Save up to 36% electricity over regular cubes.
- Self-contained 255 lb. bin capacity.

SIMPLE DESIGN – HIGH RELIABILITY

- Only one moving part under refrigeration.
- Quiet operation.
- Field proven to assure dependability.
- Safety controls protect against low refrigerant or water pressure.

NON-BRIDGING NUGGETS – EASY SERVING

- Nuggets stay separated without clustering.
- Provide maximum liquid displacement.

WARRANTY – SATISFACTION

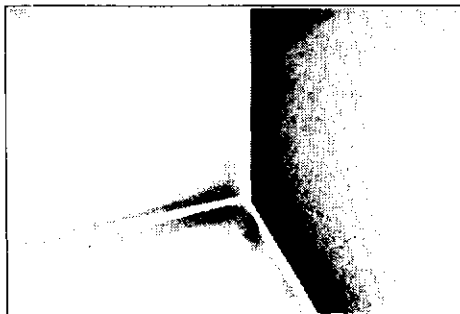
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.



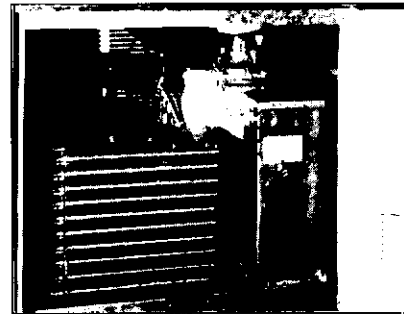
NEW HARD "ICE NUGGETS"

"Ice Nuggets" are hard, dry cubes that maintain carbonation and flavor levels in beverages. They are especially suited for fast food operations. Small size nuggets scoop easily and give very high liquid displacement in beverages.



ONE PIECE MOLDED BIN

Roto-cast molded bin is tough, seamless, sanitary and easy to clean. Foam insulation between bin liner and cabinet walls, forms a perfect barrier against warm outside air.



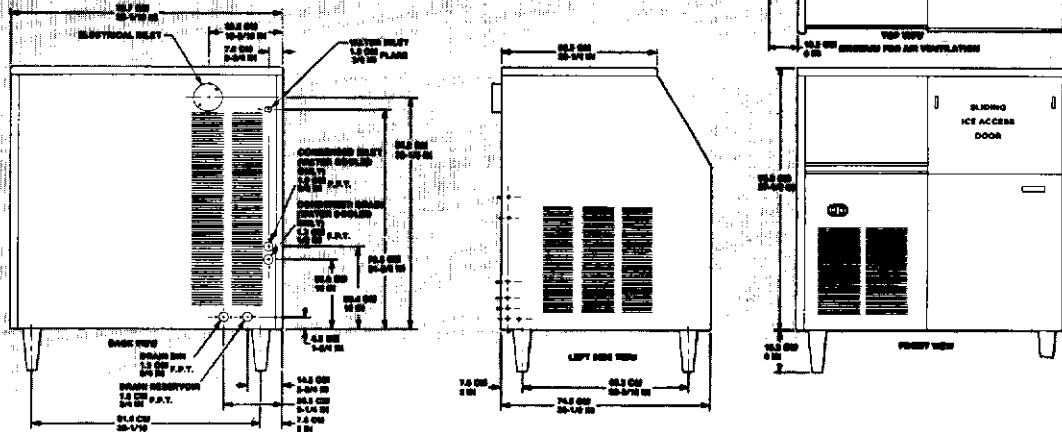
SLIDE OUT CHASSIS

Simply remove 2 screws and the front panel can be taken off for quick easy access to machine working parts. Entire chassis slides out for fast economical service.

AN760 ICE NUGGET MAKER with Storage Bin

Note: Allow 6-inch minimum clearance at back and left side for ventilation and utility connections.

This product qualifies for these listings:



CENTIMETERS
INCHES

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap. ***	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
AN760AE-1C	37 1/2 x 38 1/16 x 29 1/2	255 lbs.	605 lbs.	Nuggets	Air	ES	115/60/1	3/4	2	19.3	30	319/145
AN760WE-1C	37 1/2 x 38 1/16 x 29 1/2	255 lbs.	636 lbs.	Nuggets	Water	ES	115/60/1	3/4	2	16.0	25	318/144

** ES Sandalwood high-gloss, baked enamel finish on leathergrain embossed steel. Allow 6" minimum clearance at left side and back for ventilation and utility connections.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice

ICE MAKING CAPACITY:

Typical ice production — lbs./kgs. of Ice Nuggets per 24 hours.

AN760AE AIR-COOLED

WATER TEMPERATURE

F°	50°	70°	90°	
C°	10°	21°	32°	
70°	605	549	504	lbs.
21°	275	249	229	kg.
90°	555	502	450	lbs.
32°	252	228	204	kg.
100°	502	458	415	lbs.
38°	228	208	188	kg.

AN760WE WATER-COOLED

F°	50°	70°	90°	
C°	10°	21°	32°	
70°	636	551	487	lbs.
21°	289	250	221	kg.
90°	607	528	470	lbs.
32°	278	240	213	kg.
100°	596	523	464	lbs.
38°	271	237	211	kg.

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
Air Temperatures	50° F (10.0° C)	100° F (37.7° C)
Water Temperatures	40° F (4.4° C)	100° F (37.7° C)
Water Pressures	20 PSIG	120 PSIG
Electrical Voltage	-10%	+10%

Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage. See Dealer for details of Limited Warranty.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKAN760 contains stainless steel panels for top and 4 sides. Grey molded ABS door. Not factory installed.

OPTIONAL LEG KIT:

KLP2S: Nickel plated, brushed metal finish with adjustable foot. Recommended with stainless steel cabinet.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

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TELEX EASYLINK 82922027

FAX (312) 913-9844

AF730 series flaker with storage

Discover the many advantages, Scotsman has designed into its AF730 self-contained flaker. Low profile, only 37½ inches high, allows the unit to be installed under a bar or counter. The large bin opening is only 23 inches from the floor making ice removal, even for the smallest waitress, a simple task.

Volume ice production, of up to 750 pounds* in 24 hours, is stored in a 255 pound molded polyethylene, scuff-resistant bin. Complete front service, offers fast convenient access to all working parts.

Ice is evenly deposited in the center of the bin through a nylobrade tube. An ice sensing thermostat shuts the machine off when the bin is full and re-starts it automatically when ice is removed.

New Reliability

Built-in protection features to assure longer operating life . . .

Low Refrigerant Pressure Switch . . . stops the unit should refrigerant pressure level drop for any reason.

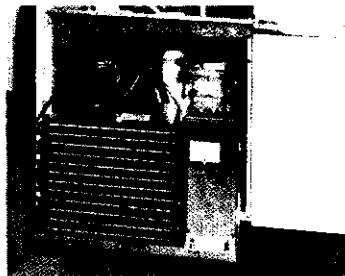
Low Water Pressure Switch . . . automatically stops the unit when inlet water pressure drops and restarts when pressure is restored.

Auger Delay Switch . . . allows auger to clear ice remaining in the freezing chamber before machine shuts off . . . avoids starting up against an ice load.

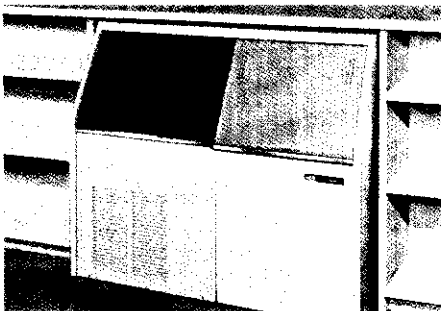
COMPLETE FRONT SERVICE - "CFS"

All machine components are in a convenient slide-out module behind an easily removable front panel. Keeps service costs to a minimum.

(Leg Kit Optional)

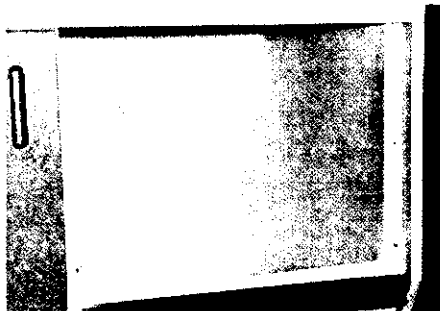


*See Ice Making Capacity on other side.



INSTALLED UNDER BAR OR COUNTER

Brings the convenience of flake ice and storage to the activity area. Ice is always on hand during peak serving periods.



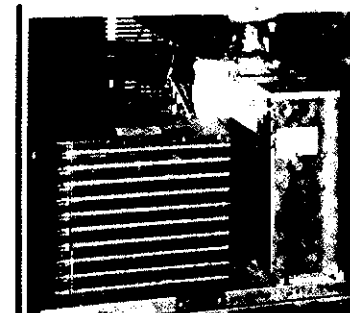
ONE PIECE MOLDED BIN

Molded of tough, durable polyethylene, the bin is seamless, sanitary and easy to clean. One inch of foam insulation is molded to the outside bin shell providing a perfect barrier against warm outside air.



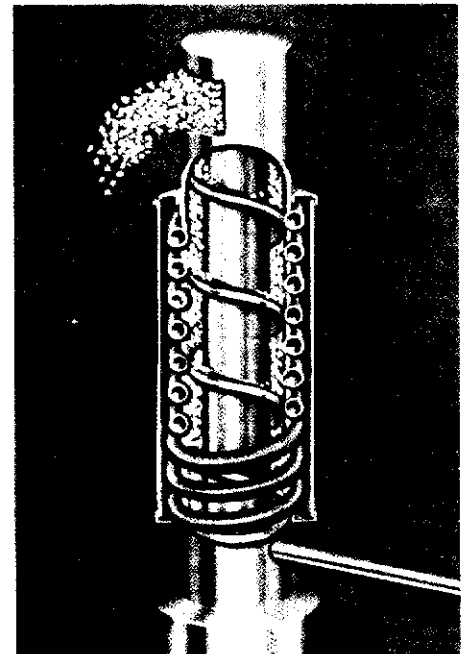
UNIQUE BIN FILLING METHOD

Flake ice is discharged through a nylobrade tube attached to the top and center of the bin. Ice distributes evenly during the filling process avoiding ice build-up on one side.



REMOVABLE FRONT PANEL

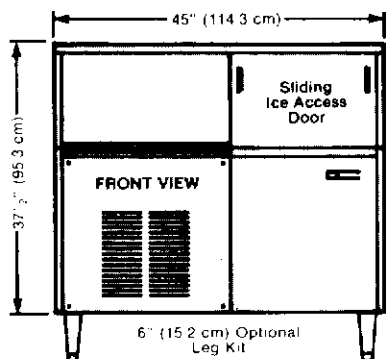
Simply remove 4 screws and the front panel can be taken off for quick easy access to machine working parts. Entire chassis slides out for fast economical service.



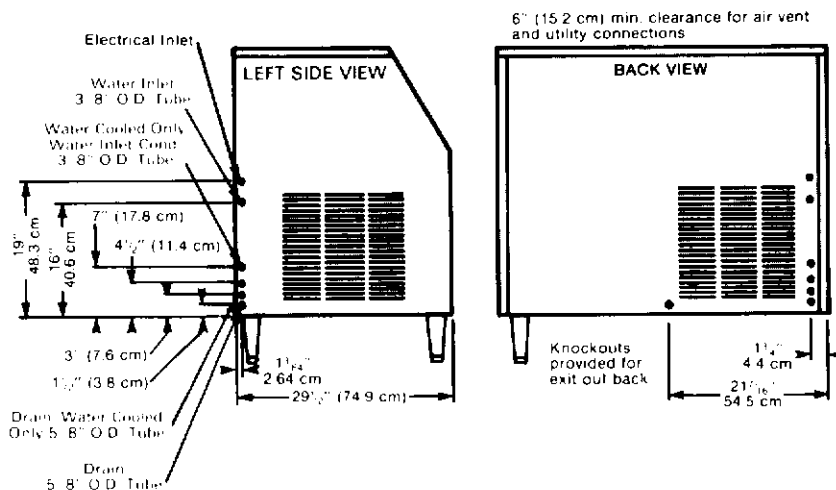
EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.

AF730 series flaker with storage



This product qualifies for these listings



SPECIFICATIONS

Model Number	(Height - w/o Legs) Size H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cond. Unit	Comp. H.P.	Basic Elec.	Run. Amps	Max. Oper. Amps	No. of Wires	Circuit Ampacity †	Max. Fuse Size	Finish **	Ship. Wt. Lbs./Kg.
AF730AE-1A	37 1/2 x 45 x 29 1/2	255 lbs.	750 lbs.	Air	3/4	115/60/1	14.8	14.8	2	17.8	20	E	347/158
AF730WE-1A	37 1/2 x 45 x 29 1/2	255 lbs.	690 lbs.	Water	3/4	115/60/1	13.6	13.6	2	17.3	20	E	350/159

**Leathergrain, embossed steel with high gloss, baked enamel finish. Cabinet is sandalwood with charcoal brown upper left panel and orange ABS door.
 †Use this value to determine minimum wire size required to meet National Electric Code Standards.

ICE MAKING CAPACITY:

Typical ice production — lbs./kgs. of ice per 24 hours

AF730A AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	550	625	750	lbs.	
21°	249	284	340	kg.	
90°	475	540	610	lbs.	
32°	215	245	277	kg.	
100°	435	485	530	lbs.	
38°	187	220	240	kg.	

AF730W WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	520	605	690	lbs.	
21°	236	274	313	kg.	
90°	510	590	670	lbs.	
32°	231	267	304	kg.	
100°	505	580	650	lbs.	
38°	229	263	295	kg.	

STORAGE BIN:

255 lbs. (116 kg.)

Height: 37 1/2" (95.3 cm) Width: 45" (114.3 cm) Depth: 29 1/2" (74.9 cm)

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKAF30: Contains stainless steel sides, top and face panels with matching grey-molded ABS door. Sanitary, gleaming finish.

OPTIONAL LEG KITS:

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot.
KLP2E: Black enamel finish.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations where air temperatures are below 50°F. or above 100°F. and the water temperature is below 40°F. or above 100°F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.

FIVE YEAR COMPRESSOR WARRANTY TWO YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants to the original purchaser-user, that any commercial product of its manufacture bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This product warranty shall be effective for a period of two years from the date of original installation if such installation is reported on Scotsman's warranty registration form returned to the factory at the time of installation, or for a period of 27 months from date of shipment from the factory if the warranty registration form has not been returned.

An additional three year period is provided for the motor compressor of this equipment under the same conditions as the two year parts portion. This warranty is applicable only in the United States and Canada.

Scotsman's obligation is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. The serial and model numbers and date of original installation of the product must be given. Charges for labor (except labor performed in the Scotsman factory to repair defective parts) are not covered. No part or assembly which has been subject to accident, alteration or misuse, or which is not installed or serviced in accordance with the User Manual furnished with the product, or which is from a machine on which the serial number has been altered or removed, shall be covered by this warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance or installation shall be made by Scotsman's Service Department and shall be final and binding upon the parties.

Scotsman assumes no liability for incidental or consequential damages of any kind or for any damages resulting in whole or in part from misuse or inadequate maintenance of the product or any part thereof.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MN 56007

AF430 series flaker with storage

Discover the many advantages, Scotsman has designed into its AF430 self-contained flaker. Low profile, only 37½ inches high, allows the unit to be installed under a bar or counter. The large bin opening is only 23 inches from the floor making ice removal, even for the smallest waitress, a simple task.

Volume ice production, of up to 420 pounds* in 24 hours, is stored in a 255 pound molded polyethylene, scuff-resistant bin. Complete front service, offers fast convenient access to all working parts.

Ice is evenly deposited in the center of the bin through a nylobrade tube. An ice sensing thermostat shuts the machine off when the bin is full and re-starts it automatically when ice is removed.

New Reliability

Built-in protection features to assure longer operating life . . .

Low Refrigerant Pressure Switch . . . stops the unit should refrigerant pressure level drop for any reason.
Low Water Pressure Switch . . . automatically stops the unit when inlet water pressure drops and restarts when pressure is restored.

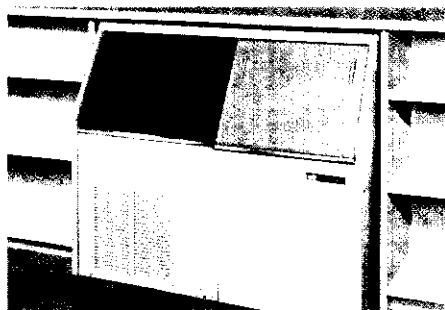
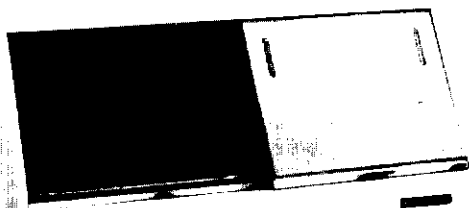
Auger Delay Switch . . . allows auger to clear ice remaining in the freezing chamber before machine shuts off . . . avoids starting up against an ice load.

*See Ice Making Capacity on other side.

COMPLETE FRONT SERVICE - "CFS"

All machine components are in a convenient slide-out module behind an easily removable front panel. Keeps service costs to a minimum.

(Leg Kit Optional)



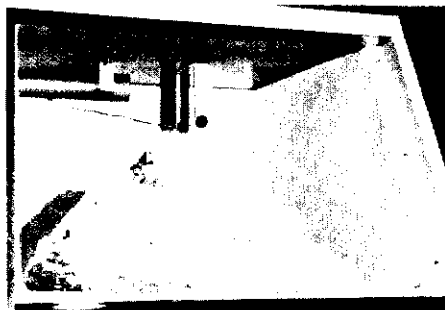
INSTALLED UNDER BAR OR COUNTER

Brings the convenience of flake ice and storage to the activity area. Ice is always on hand during peak serving periods.



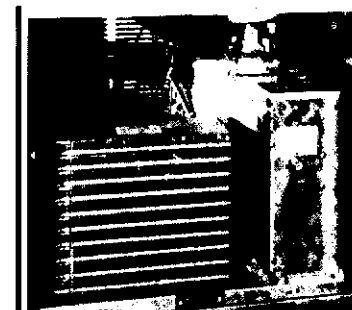
ONE PIECE MOLDED BIN

Molded of tough, durable polyethylene, the bin is seamless, sanitary and easy to clean. One inch of foam insulation is molded to the outside bin shell providing a perfect barrier against warm outside air.



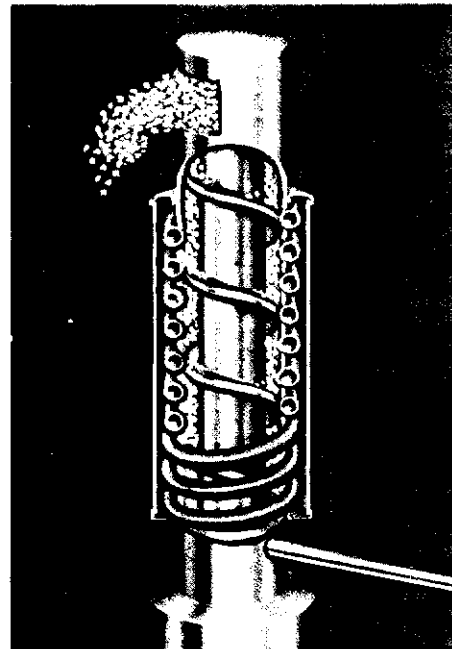
UNIQUE BIN FILLING METHOD

Flake ice is discharged through a nylobrade tube attached to the top and center of the bin. Ice distributes evenly during the filling process avoiding ice build-up on one side.



REMOVABLE FRONT PANEL

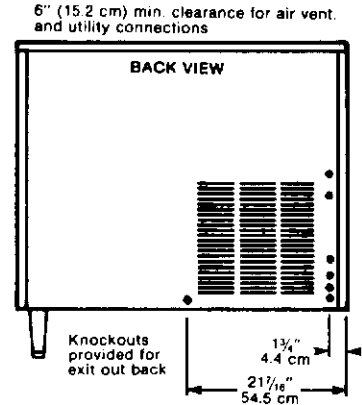
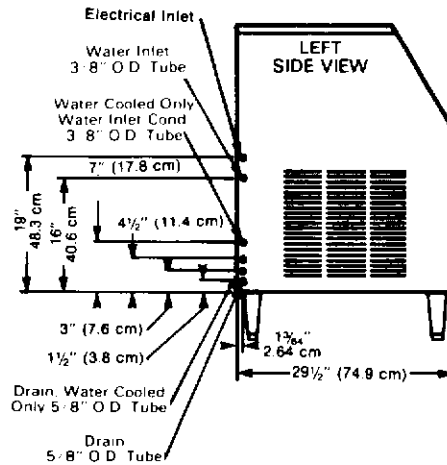
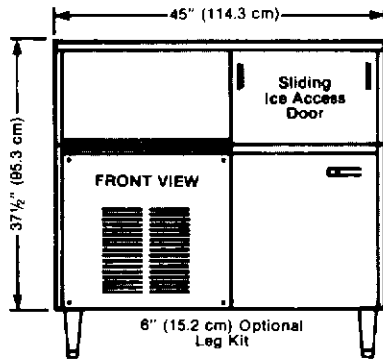
Simply remove 4 screws and the front panel can be taken off for quick easy access to machine working parts. Entire chassis slides out for fast economical service.



EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.

AF430 series flaker with storage



This product qualifies for these listings



SPECIFICATIONS

Model Number	(Height - w/o Legs) Size H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cond. Unit	Comp. H.P.	Basic Elec.	Run. Amps	Max. Oper. Amps	No. of Wires	Circuit Ampacity †	Max. Fuse Size	Finish **	Ship. Wt. Lbs./Kg.
AF430AE-1A	37 1/2 x 45 x 29 1/2	255 lbs.	420 lbs.	Air	1/2	115/60/1	10.8	10.8	2	12.7	15	E	315/143
AF430WE-1A	37 1/2 x 45 x 29 1/2	255 lbs.	420 lbs.	Water	1/2	115/60/1	9.7	9.7	2	11.4	15	E	319/145

*Leathergrain, embossed steel with high gloss, baked enamel finish. Cabinet is sandalwood with charcoal brown upper left panel and orange ABS door. For stainless steel finish order SPKAF30 panel kit.

†Use this value to determine minimum wire size required to meet National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production — lbs./kgs. of ice per 24 hours

AF430A AIR-COOLED

AIR TEMPERATURE	WATER TEMPERATURE			lbs.	kgs.
	90° C°	70° 21°	50° 10°		
70°	350	390	420	lbs.	
21°	159	177	191	kg.	
90°	330	360	400	lbs.	
32°	150	163	181	kg.	
100°	310	340	370	lbs.	
38°	141	154	168	kg.	

AF430W WATER-COOLED

AIR TEMPERATURE	WATER TEMPERATURE			lbs.	kgs.
	90° C°	70° 21°	50° 10°		
70°	355	390	420	lbs.	
21°	161	177	191	kg.	
90°	345	380	410	lbs.	
32°	156	172	186	kg.	
100°	340	370	405	lbs.	
38°	154	168	184	kg.	

STORAGE BIN:

255 lbs. (116 kg.)

Height: 37 1/2" (95.3 cm) Width: 45" (114.3 cm) Depth: 29 1/2" (74.9 cm)

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKAF30: Contains stainless steel sides, top and face panels with matching grey-molded ABS door. Sanitary, gleaming finish.

OPTIONAL LEG KITS:

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot. KLP2E: Black enamel finish.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations or installations where air temperatures are below 50° F. or above 100° F. and the water temperature is below 40° F. or above 100° F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.

FIVE YEAR COMPRESSOR WARRANTY TWO YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants to the original purchaser-user, that any commercial product of its manufacture bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This product warranty shall be effective for a period of two years from the date of original installation if such installation is reported on Scotsman's warranty registration form returned to the factory at the time of installation, or for a period of 27 months from date of shipment from the factory if the warranty registration form has not been returned.

An additional three year period is provided for the motor compressor of this equipment under the same conditions as the two year parts portion. This warranty is applicable only in the United States and Canada.

Scotsman's obligation is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. The serial and model numbers and date of original installation of the product must be given. Charges for labor (except labor performed in the Scotsman factory to repair defective parts) are not covered. No part or assembly which has been subject to accident, alteration or misuse, or which is not installed or serviced in accordance with the User Manual furnished with the product, or which is from a machine on which the serial number has been altered or removed, shall be covered by this warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance or installation shall be made by Scotsman's Service Department and shall be final and binding upon the parties.

Scotsman assumes no liability for incidental or consequential damages of any kind or for any damages resulting in whole or in part from misuse or inadequate maintenance of the product or any part thereof.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

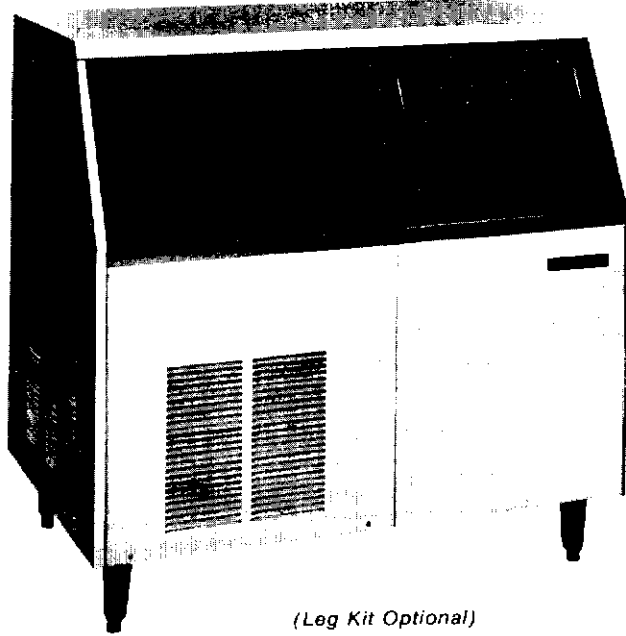
We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MN 56007

AF330 ³²⁴ pound flaker with storage



(Leg Kit Optional)

**See Ice Making Capacity on other side*

Volume storage in a self-contained unit makes the AF330 ideal for operations requiring ice during evening hour peak periods. The 375 pound bin is filled whenever volume ice is needed and the unit can be installed under a bar or counter, right where the action is. Production of up to 324 pounds* in 24 hours delivers enough ice to carry you over the busiest serving periods.

The leathergrain embossed cabinet is finished in easy to clean, baked on enamel with a sliding scuff-resistant bin door.

The entire ice making mechanism, conveniently slides out from the front, providing for quick efficient service and maintenance. Labor costs and machine down time are held to a minimum.

New Reliability

Built-in protection to assure longer operating life . . .

Low Refrigerant Pressure Switch . . . stops the unit should refrigerant pressure level drop for any reason.

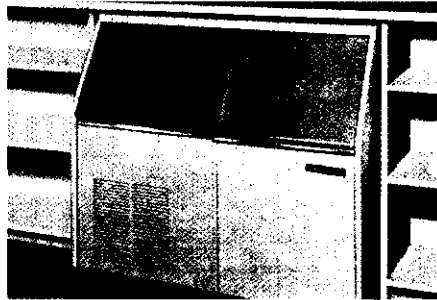
Low Water Pressure Switch . . . automatically stops the unit when inlet water pressure drops and restarts when pressure is restored.

Auger Delay Switch . . . allows auger to clear ice remaining in the freezing chamber before machine shuts off . . . avoids starting up against an ice load.



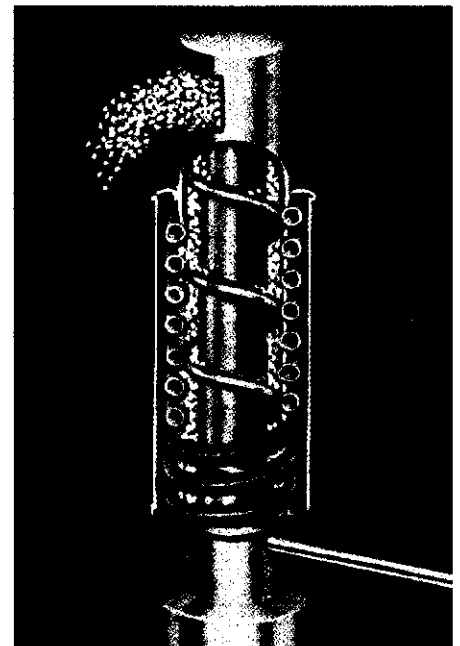
COMPLETE FRONT SERVICE

All machine components are in a convenient slide-out module behind an easily removable front panel. Keeps service costs and machine down time to a minimum.



INSTALLED UNDER BAR OR COUNTER

Brings the convenience of flake ice and storage to the activity area. Volume ice supply is always on hand during peak serving periods.



ONE MOVING PART

Water is fed into a freezing chamber through an inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on the inside chamber wall, a stainless steel auger turns slowly breaking the ice free and carrying it upward to a discharge opening. Ice pieces are pressed against a breaker which drains excess water back into the chamber and hard, dry ice particles are directed out through the opening.



EASY ICE ACCESS

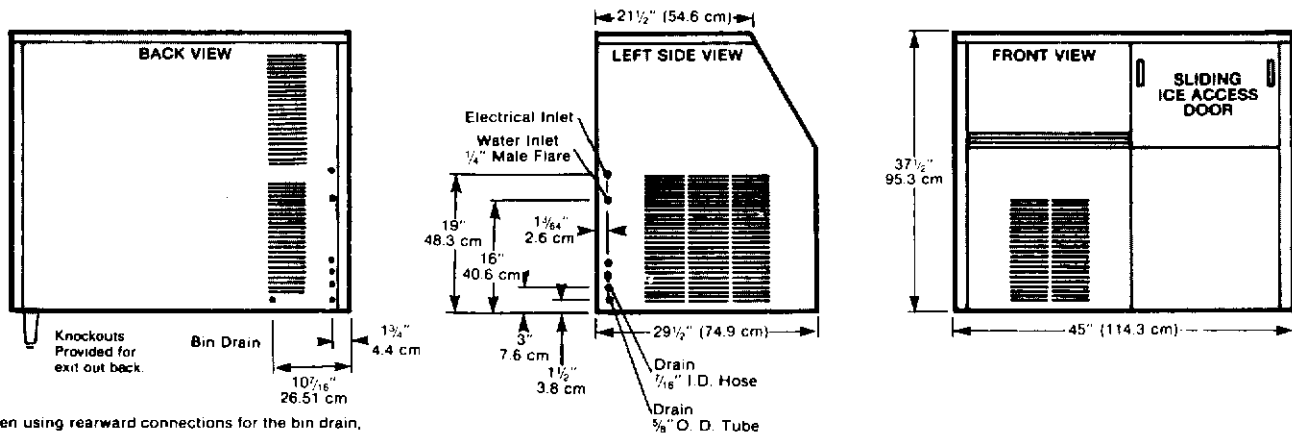
Convenient sliding door, molded of tough ABS material, moves to the side providing a large bin opening. Large ice scoops or single beverage containers can be used with equal efficiency.



UNIQUE BIN FILLING METHOD

Flake ice is discharged through a nylonbraided tube attached to the top and center of the bin. Ice distributes evenly during the filling process avoiding ice build-up on one side.

AF330³²⁴ pound flaker with storage



When using rearward connections for the bin drain, the internal line will require directional alterations for proper hookup.

Allow 4" (10.2 cm) Minimum for Air Ventilation on left side

Allow 6" (15.2 cm) Minimum for Utility Connections at back.

SPECIFICATIONS

Model Number	(Height w/o legs) Size H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.*	Cond. Unit	Comp. H.P.	Basic Elec.	Run. Amps	Max. Oper. Amps	No. of Wires	Circuit Amperity †	Max. Fuse Size	Finish **	Ship. Wt. Lbs./Kg.
AF330AE-1A	37 ¹ / ₂ x 45 x 29 ¹ / ₂	375 lbs.	324 lbs.	Air	1/4	115/60/1	8.3	8.3	2	9.6	15	E	295/132

** (E) Leathergrain, embossed steel with high gloss, baked enamel finish. Cabinets are sandalwood with charcoal brown upper left front panel and orange ABS door. Order SPKAF30 panel kit for stainless steel sides, front and top panels with grey-molded ABS door.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production — lbs./kgs. of ice per 24 hours

AF330A AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	260	292	324		lbs.
21°	118	133	147		kg.
90°	241	264	299		lbs.
32°	109	119	135		kg.
100°	218	251	286		lbs.
38°	99	114	130		kg.

This product qualifies for these listings



IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations or installations where air temperatures are below 50°F or above 100°F and the water temperature is below 40°F or above 100°F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKAF30: Contains stainless steel sides, back, top and face panels with matching gray-molded ABS door. Sanitary, gleaming finish.

OPTIONAL LEG KITS:

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling feet.
KLP2E: Black enamel finish.
KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

PRODUCT WARRANTY

See Scotsman Manufacturer's Limited Warranty statement or contact your Scotsman dealer for details.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN
COMMERCIAL ICE SYSTEMS

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO
505 FRONT ST., ALBERT LEA, MN 56007

AF840 ⁹⁰⁰ pounds flaker with storage

Now you can have volume ice production and storage, all in one self-contained unit. Scotsman engineered the new AF840 to provide 865 pounds* of flake ice per day with a big 375 pound storage bin and still maintain a height suitable for under counter or bar installation.

The cabinet, made of an embossed textured metal, is finished in sandalwood baked-on acrylic enamel and has the look and feel of rich leathergrain. There is more than beauty to the new leathergrain finish, it's practical as well. Scotsman's nine step finishing process, provides a tough durable coating that protects against cracking, chipping, corrosion and strong cleaning solutions. A kit is also available, for the AF840, in gleaming stainless steel with matching gray molded ABS door.

New Reliability

Built-in protection features to assure longer operating life . . .

- Low Refrigerant Pressure Switch** . . . stops the unit should refrigerant pressure level drop for any reason.
- Low Water Pressure Switch** . . . automatically stops the unit when inlet water pressure drops and restarts when pressure is restored.
- Auger Delay Switch** . . . allows auger to clear ice remaining in the freezing chamber before machine shuts off . . . avoids starting up against an ice load.

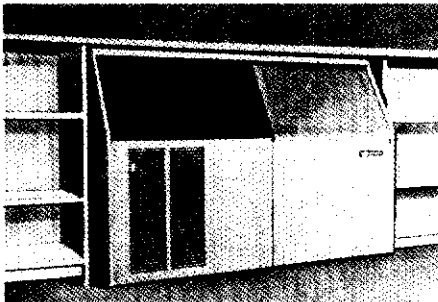
*See Ice Making Capacity on other side.

COMPLETE FRONT SERVICE

All machine components are in a convenient slide-out module behind an easily removable front panel. Keeps service costs to a minimum.

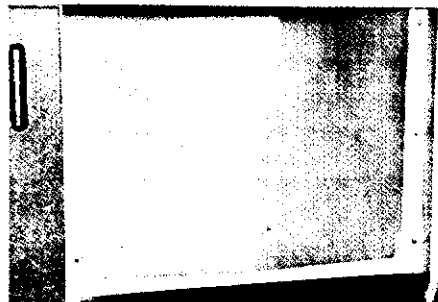


(Leg Kit Optional)



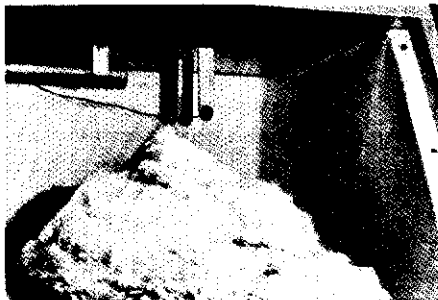
INSTALLED UNDER BAR OR COUNTER

Brings the convenience of flake ice and storage to the activity area. Ice is always on hand during peak serving periods.



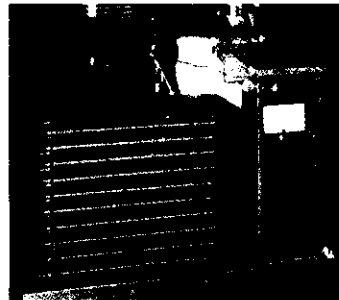
ONE PIECE MOLDED BIN

Molded of tough, durable polyethylene, the bin is seamless, sanitary and easy to clean. One inch of foam insulation is molded to the outside bin shell providing a perfect barrier against warm outside air.



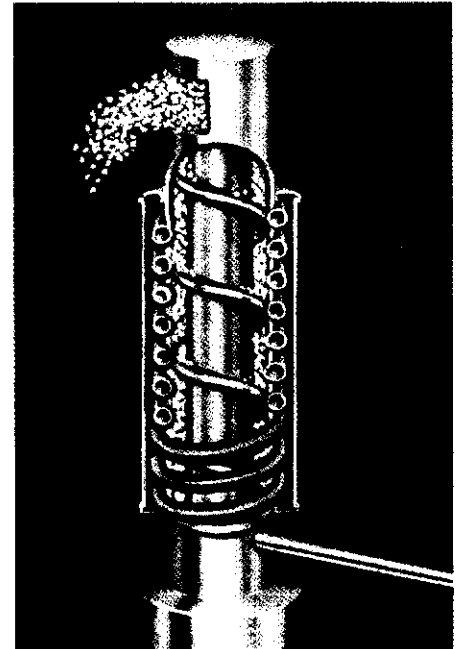
UNIQUE BIN FILLING METHOD

Flake ice is discharged through a Nylobrade tube attached to the top and center of the bin. Ice distributes evenly during the filling process avoiding ice build-up on one side.



REMOVABLE FRONT PANEL

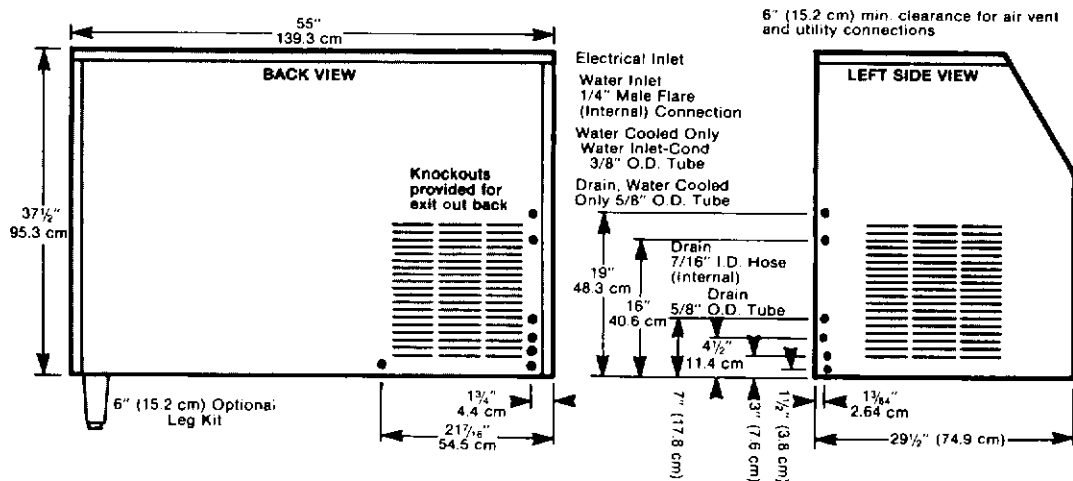
Simply remove 4 screws and the front panel can be taken off for quick easy access to machine working parts. Entire chassis slides out for fast economical service.



EXCLUSIVE FLAKER MECHANISM

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside wall, a stainless steel auger turns slowly, breaking ice from wall and carrying it upward to the discharge opening. Ice is pressed against a breaker, which drains excess water back into chamber and hard, dry ice particles are directed out through the opening.

AF840⁹⁰⁰ pounds flaker with storage



This product qualifies for these listings



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cond. Unit	Comp. H.P.	Basic Elec.	Run. Amps	Max. Oper. Amps.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Finish	Shpg. Wt. Lbs./Kg.
AF840AE-1A	37 1/2 x 55 x 29 1/2	375 lbs.	865 lbs.	Air	3/4	115/60/1	14.2	14.2	2	17.6	15	E	370/168
AF840AE-32A	37 1/2 x 55 x 29 1/2	375 lbs.	865 lbs.	Air	3/4	208-230/60/1	8.0	8.0	2	10.2	15	E	370/168
AF840WE-1A	37 1/2 x 55 x 29 1/2	375 lbs.	916 lbs.	Water	3/4	115/60/1	12.4	12.4	2	15.7	15	E	365/164
AF840WE-32A	37 1/2 x 55 x 29 1/2	375 lbs.	916 lbs.	Water	3/4	208-230/60/1	6.8	6.8	2	12.0	15	E	365/164

†Leathergrain, embossed steel with high gloss, baked enamel finish. Cabinet is sandalwood with charcoal brown upper panel and orange ABS door. For stainless steel finish order SPKAF40 panel kit.

†Use this value to determine minimum wire size required to meet National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical ice production — lbs./kgs. of ice per 24 hours

AF840A AIR-COOLED
WATER TEMPERATURE

AIR TEMPERATURE	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	21°	705	785	865	lbs.
		320	356	392	kg.
90°	32°	583	649	724	lbs.
		264	294	328	kg.
100°	38°	545	611	677	lbs.
		247	277	307	kg.

AF840W WATER-COOLED
WATER TEMPERATURE

AIR TEMPERATURE	F°	90°	70°	50°	
	C°	32°	21°	10°	
70°	21°	733	818	916	lbs.
		332	371	415	kg.
90°	32°	686	771	855	lbs.
		311	350	388	kg.
100°	38°	667	752	836	lbs.
		303	341	379	kg.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKAF40: Contains stainless steel sides, top and face panels with matching grey-molded ABS door. Sanitary, gleaming finish.

OPTIONAL LEG KITS:

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot.
KLP2E: Black enamel finish.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations or installations where air temperatures are below 50°F or above 100°F and the water temperature is below 40°F or above 100°F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.

FIVE YEAR COMPRESSOR WARRANTY TWO YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants to the original purchaser-user, that any commercial product of its manufacture bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This product warranty shall be effective for a period of two years from the date of original installation if such installation is reported on Scotsman's warranty registration form returned to the factory at the time of installation, or for a period of 27 months from date of shipment from the factory if the warranty registration form has not been returned.

An additional three year period is provided for the motor compressor of this equipment under the same conditions as the two year parts portion. This warranty is applicable only in the United States and Canada.

Scotsman's obligation is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. The serial and model numbers and date of original installation of the product must be given. Charges for labor (except labor performed in the Scotsman factory to repair defective parts) are not covered. No part or assembly which has been subject to accident, alteration or misuse, or which is not installed or serviced in accordance with the User Manual furnished with the product, or which is from a machine on which the serial number has been altered or removed, shall be covered by this warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance or installation shall be made by Scotsman's Service Department and shall be final and binding upon the parties.

Scotsman assumes no liability for incidental or consequential damages of any kind or for any damages resulting in whole or in part from misuse or inadequate maintenance of the product or any part thereof.

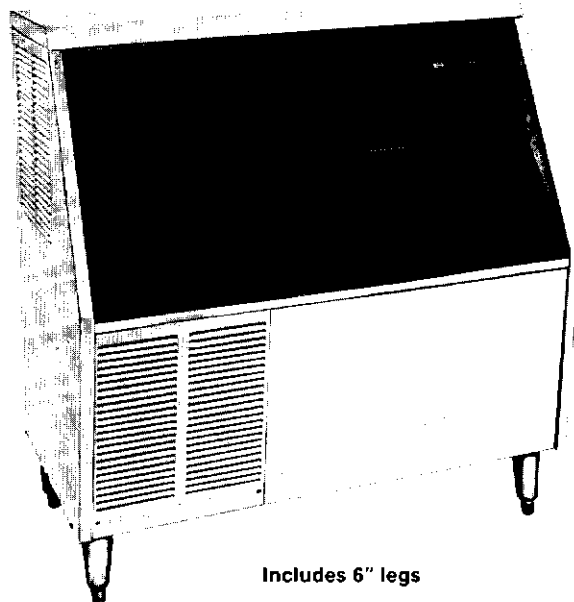
THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

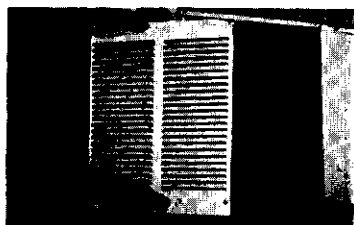
Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.



QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MN 56007

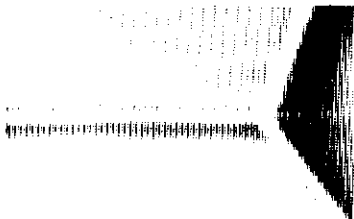


Includes 6" legs



COMPLETE FRONT SERVICE

All machine components are in a convenient slide-out module behind an easily removable front panel. Keeps service costs and machine down-time to a minimum.



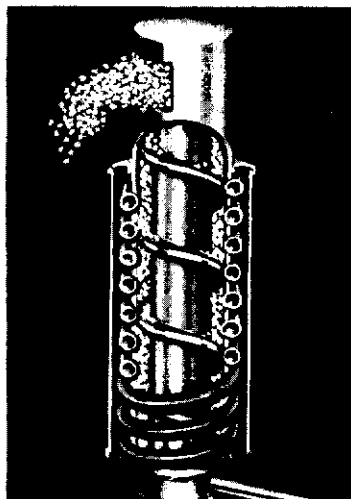
ONE PIECE MOLDED BIN

Molded of tough, durable poly-ethelene, the bin is seamless, sanitary and easy to clean. Foam insulation between bin liner and cabinet walls, forms a perfect barrier against warm outside air.



INSTALLED UNDER BAR OR COUNTER

Brings the convenience of flake ice and storage to the activity area. Ice is always on hand during peak serving period.



ONE MOVING PART

Water is fed into a freezing chamber through inlet located at the base. Refrigeration coils surround the outside of the freezing chamber. As ice forms on inside chamber wall, a stainless steel auger turns slowly, breaking the ice free and carrying it upward to a discharge opening. Ice pieces are pressed against a breaker which drains excess water back into the chamber and hard ice particles are directed out through the opening.

AF325

Flaker with Storage

The AF325 offers flake ice production and storage in one attractive compact unit. Ice production of up to 324 pounds* in 24 hours is stored in its own 140 pound bin. A wide bin door opening provides easy access to ice for large or small sized scoop.

The attractive cabinet is made of embossed steel with a high gloss, baked on enamel finish in sandalwood. It has the look and feel of rich leather and makes clean-up a breeze.

Refrigeration valves, control box, water and on-off switches are all accessible from the front and are located behind the louvered panel.

ENERGY EFFICIENT — LOWER COSTS

- Up to 324 lbs. of flaked ice in 24 hours.
- Continuous ice-making process ... no harvest time delays.
- Delivers steady flow of ice for fast recovery of ice supply.

SIMPLE DESIGN — HIGH RELIABILITY

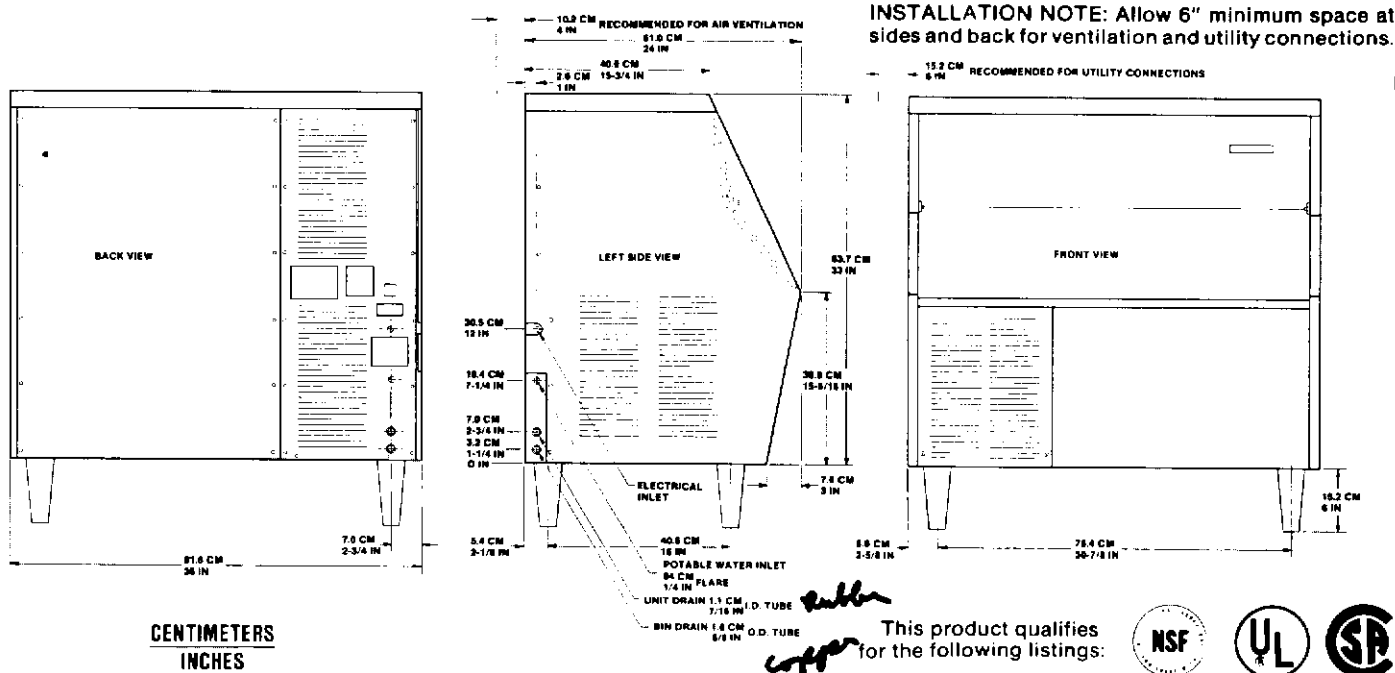
- One heavy duty flaker mechanism with Stainless Steel auger.
- Low-refrigerant safety switch.
- Low water pressure cut-off.
- Freezing chamber clearing delay.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

AF325 FLAKER WITH STORAGE



This product qualifies for the following listings:

Subtle copper

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	*** Bin Cap.	Ice Prod. Cap. 24 Hrs.	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampa- city †	Max. Fuse Size	Ship. Wt. lbs./kg.
AF325AE-1A	33 x 36 7/16 x 24	140 lbs.	324 lbs.	Air	ES	115/60/1	1/4	2	9.6	15	213/97
AF325AS-1A	33 x 36 7/16 x 24	140 lbs.	324 lbs.	Air	SS	115/60/1	1/4	2	9.6	15	211/96

** Leathergrain, embossed steel with high gloss, baked enamel finish. Cabinet is Sandalwood.
 † Use this value to determine minimum wire size required to meet National Electric Code Standards.
 *** Maximum storage capacity for bins is based on 90% of total volume in cubic feet times 34 lb. average density of ice.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

AF325A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				
	F° C°	50° 10°	70° 21°	90° 32°	
70° 21°	324 147	292 133	260 118	lbs. kg.	
90° 32°	299 135	264 119	241 109	lbs. kg.	
100° 38°	286 130	251 114	218 99	lbs. kg.	

PRODUCT WARRANTY

See Scotsman Manufacturer's Limited Warranty statement or contact your Scotsman dealer for details.

LEG KIT

6" black enamel legs are included.

KLP2E: Black enamel finish.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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INTERNATIONAL COMPANY

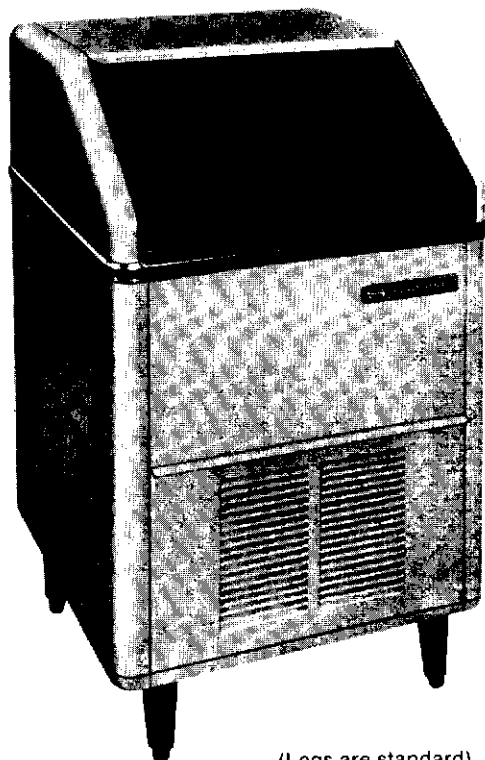
S-145-88

TELEX EASYLINK 62922027

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SCOTSMAN[®]

COMMERCIAL ICE SYSTEMS



(Legs are standard)

AF1

Flaker with Storage

Where space is at a premium, the AF1 self-contained flaker is a perfect problem solver. This large capacity, compact unit takes up only four square feet of floor space. It produces up to 335* pounds of flaked ice in 24 hours and has a storage capacity of 55 pounds. Because of its compact size, the AF1 flaker fits perfectly under a counter ... that's convenience! Scotsman flaked ice is produced by a patented method, using a unique freezer-flaker mechanism to provide clean, hard, individual bits of high-quality ice. The ice is easy to use, holds up well in displays and enhances the appeal of food and beverages. The Scotsman AF1 flaker unit is the perfect machine for multiple station service. With the name "Scotsman" on it, you're assured of the finest equipment manufactured in the industry.

ENERGY EFFICIENT — LOWER COSTS

- Up to 335 lbs. of flaked ice in 24 hours.
- Continuous ice-making process ... no harvest time delays.
- Delivers steady flow of ice for fast recovery of ice supply.

SIMPLE DESIGN — HIGH RELIABILITY

- Only one moving part under refrigeration.
- One heavy duty flaker mechanism with Stainless Steel auger.
- Low-refrigerant safety switch.
- Low water pressure cut-off.
- Freezing chamber clearing delay.

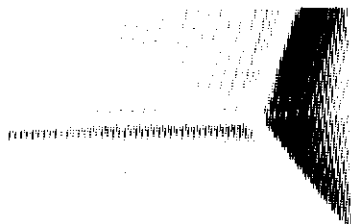
FLEXIBILITY — INSTALLATION CHOICES

- Air-cooled.
- Stainless Steel available.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.



SANITARY BIN

The bin is made of high density linear polyethylene. It has a storage capacity for 55 pounds of ice. Sanitary and easy to clean. Resists scratches and scuffs from ice scoops.



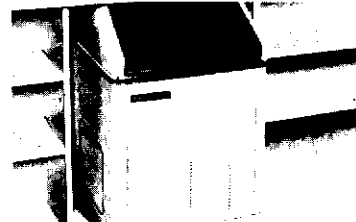
QUALITY ICE

The unique flaker mechanism delivers clean, hard bits of ice to the bin. Scotsman flakes hold up well in displays or when served in beverages.



SLIDE AWAY ACCESS DOOR

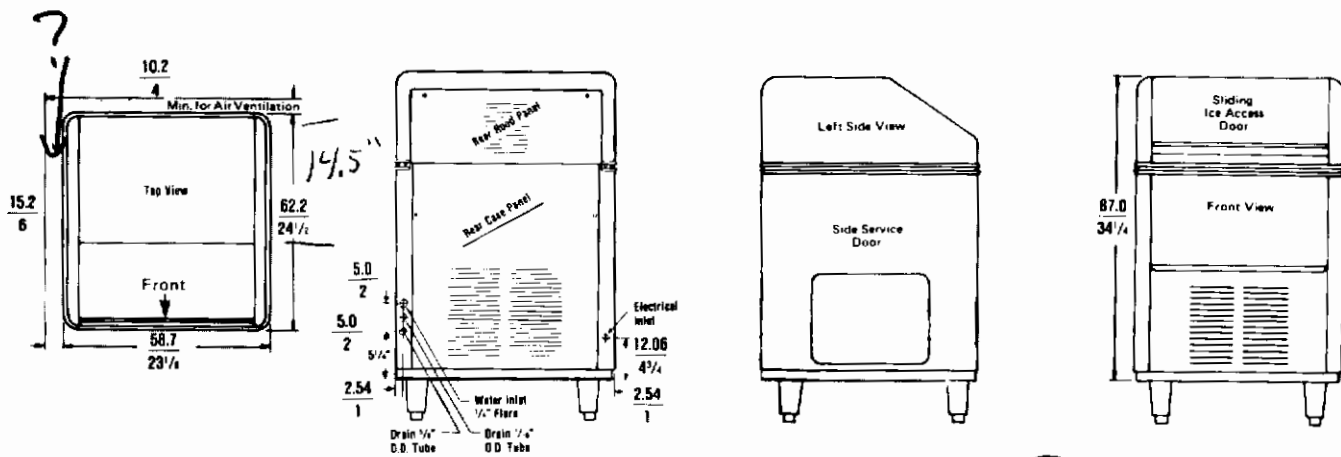
The door slides up and underneath the top, out of the way, for convenience and easy access to ice. Door closes to a tight seal when not in use.



UNDER COUNTER INSTALLATION

With a height of only 34-1/4 inches, the AF1 fits perfectly under a counter. It's also an ideal size for multiple locations.

AF1 335 POUND FLAKER WITH STORAGE



CENTIMETERS
INCHES

This product qualifies for the following listings:



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap. ***	Ice Prod. Cap. 24 Hrs. *	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampac- ity †	Max. Fuse Size	Ship. Wt. lbs./kg.
AF1AE-1D	34 1/4 x 23 1/4 x 24 1/2	55 lbs.	335 lbs.	Air	EA	115/60/1	1/4	2	11.4	15	193/88
AF1AS-1D	34 1/4 x 23 1/4 x 24 1/2	55 lbs.	335 lbs.	Air	SS	115/60/1	1/4	2	11.4	15	191/87

** (ES) Sandalwood baked Gloss Enamel on Leather grain embossed steel.
 † Use this value to determine minimum wire size required to meet National Electric Code Standards.
 *** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice.

ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

AF1 AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				
	F° C°	50° 10°	70° 21°	90° 32°	
70° 21°	335 152	298 135	256 116	lbs. kg.	
90° 32°	291 132	264 119	225 102	lbs. kg.	
100° 38°	260 118	230 104	209 94	lbs. kg.	

LEGS SUPPLIED:

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot. N.S.F. approved.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot.
KLP2E: Black enamel finish.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

PRODUCT WARRANTY

See Scotsman Manufacturer's Limited Warranty statement or contact your Scotsman dealer for details.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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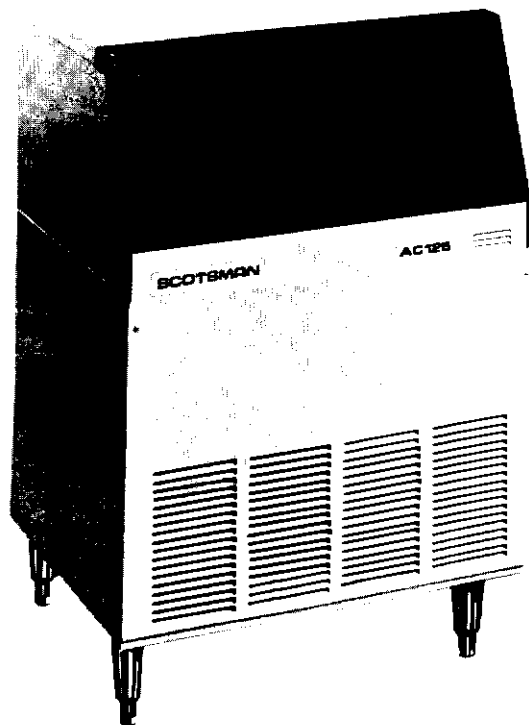
S-147-88

TELEX EASYLINK 62922027

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SCOTSMAN

COMMERCIAL ICE SYSTEMS



AC125

Under Counter Compact Cuber

HIGH ICE PRODUCTION — FAST

- Up to 118 lbs. of ice in 24 hours.
- Produces round non-stick cubes.
- Produces World-Famous Scotsman small size gourmet cubes.
- Cubes are frozen and harvested individually for easy serving.

ICE STORAGE — ECONOMICAL

- Stores up to 66 lbs. of ice.
- Molded plastic bin cleans easily, resists scratches.
- Foam insulated to preserve ice supply until needed.
- Automatic thermostat shuts off machine when bin is full.

COMPACT SIZE — SAVES SPACE

- Fits into narrow spaces where other machines will not go.
- Just 35⁵/₁₆ inches high without legs, fits under bars, counters or waitress stations.
- Ideal for installations requiring 2 or 3 machines for convenience.

FLEXIBILITY — MORE APPLICATIONS

- Business lounges, cafeterias, conference rooms.
- Professional clinics, laboratories, research.
- Industrial canteens, employee lunch room, reception areas.
- Beverage service, snack bars, stands, coffee shops, vending areas, faculty dining, staff lounges.

WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty.

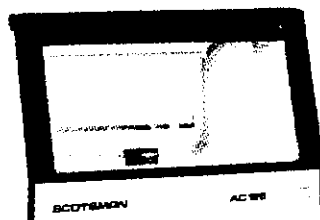
- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.

**SCOTSMAN — WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**



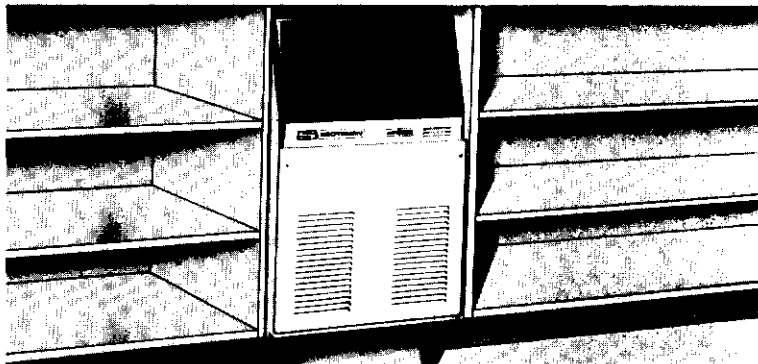
PURIFIED ICE

Fresh water is jet-sprayed in cube cups from the nozzle. Pure water freezes at higher temperature, thus allowing sediment and other impurities to drain away.



RECESSED DOOR

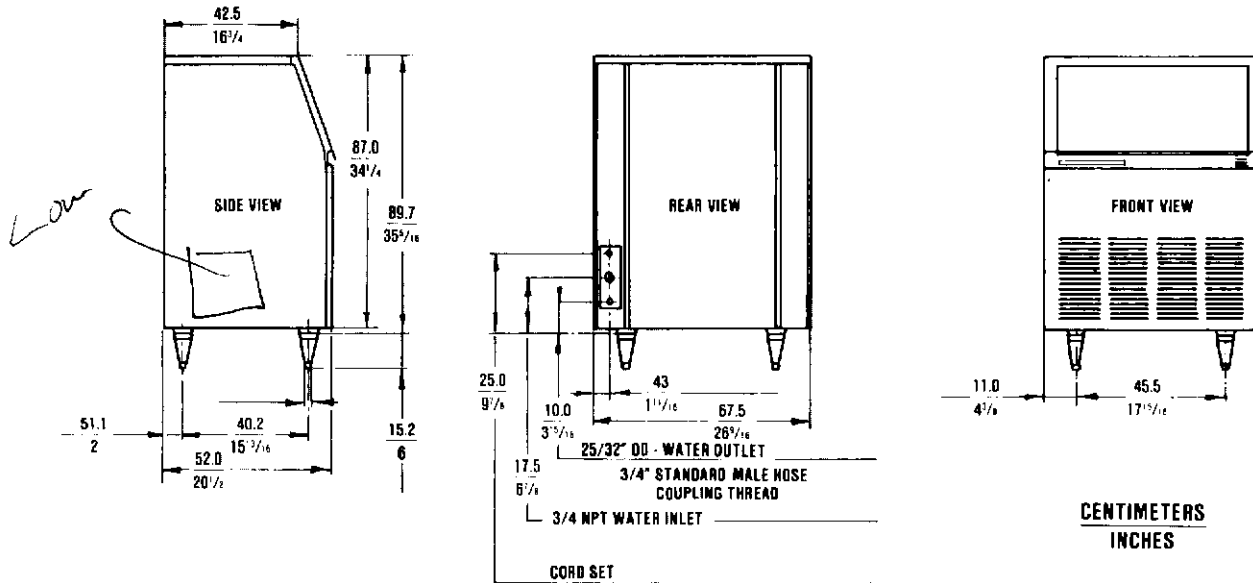
Door lifts up and back into cabinet recess. Glides out of the way for easy access to ice through large opening. No handle or protrusions into aisle.



BUILT-IN CONVENIENCE

Under counter bar installation puts the ice where it is needed.

AC125 CUBER WITH BIN



SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap. ***	Ice Prod. Cap. 24 Hrs.	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampa- city †	Max. Fuse Size	Ship. Wt. lbs./kg.
AC125SAE-1A	35 5/16 x 26 9/16 x 20 1/2	66 lbs.	118 lbs.	Small	Air	ES	115/60/1	1/2	3		15	147/67

ELECTRICAL: 3 wire cord with grounded plug is provided.

** ES - Enamel Sandalwood.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice

*ICE MAKING CAPACITY:

AC125 AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs. kg.
	C°	10°	21°	32°	
70°	21°	118	111	103	lbs. kg.
90°	32°	108	100	92	lbs. kg.
100°	38°	101	92	82	lbs. kg.
		46	42	39	lbs. kg.

IMPORTANT OPERATING REQUIREMENTS:

	MINIMUM	MAXIMUM
* Air Temperatures	50° F (10.0° C)	100° F (38° C)
Water Temperature	40° F (4.4° C)	100° F (38° C)
Water Pressures	20 lbs. gauge	120 lbs. gauge
Voltage	-10%	+10%

(Voltage rating specified on nameplate)

Extended periods of operation exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

This product qualifies for these listings:



We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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S-129-88

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SCOTSMAN

COMPACT ICE MACHINES / COMPACT REFRIGERATORS

AC55

Under Counter Compact Ice Machine

Up to 55 pounds of clear cubes are produced daily, stored in a 28 pound capacity insulated bin. Completely automatic, the machine shuts off when bin is full and restarts after ice is removed ... you never run out of ice. Front ventilation allows air circulation in and out the front for cabinet built-ins. Don't settle for the cloudy cubes and small containers of ordinary refrigerator ice — enjoy clear, gourmet ice in plentiful supply with a Scotsman.

HIGH ICE PRODUCTION — FAST

- Up to 55 lbs. of ice in 24 hours.
- Produces round non-stick cubes.
- Produces World-Famous Scotsman small size gourmet cubes.
- Cubes are frozen and harvested individually for easy serving.

ICE STORAGE — ECONOMICAL

- Stores up to 28 pounds of ice.
- Molded plastic bin cleans easily, resists scratches.
- Foam Insulated to preserve ice supply until needed.
- Automatic thermostat shuts off machine when bin is full.

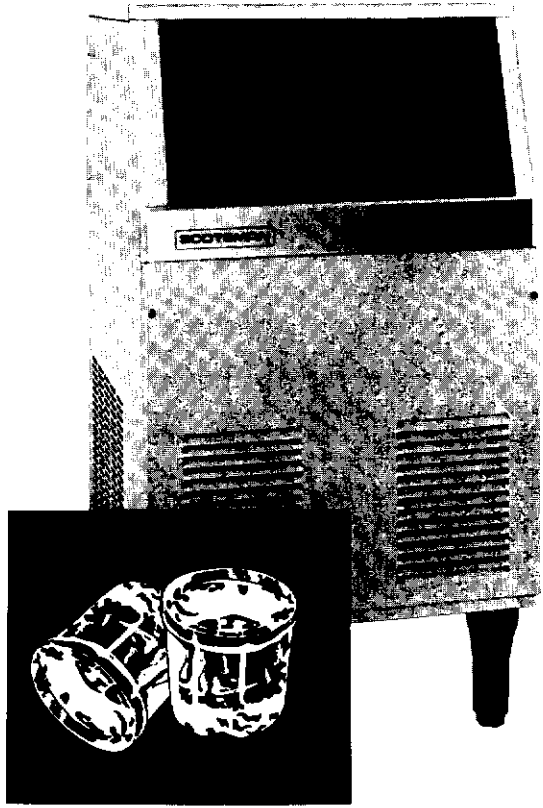
COMPACT SIZE — SAVES SPACE

- Slim 17-5/16 inch cabinet width takes minimum space.

WARRANTY — SATISFACTION

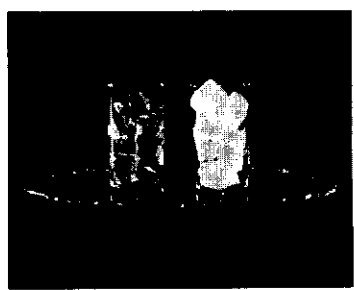
See Scotsman Consumer Warranty for details.

- 12 Month Labor coverage.
- 12 Months on All Parts.
- 5 Years on Compressor.



SMALL CUBES

Scotsman's unique round cube design provides solid cubes that melt slowly and won't freeze together.



CLEAR ICE CUBES

Scotsman cubes at the left are crystal clear — process removes impurities. Rounded to avoid sticking together ... add a gourmet touch to any beverage.



RECESSED DOOR

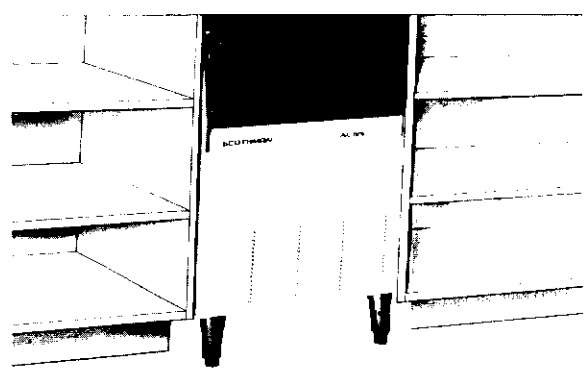
Door lifts up and back into cabinet recess. Glides out of the way for easy access to ice through large opening. No handle or protrusions into aisle.

MULTIPLE USES:

Apartments The attractive ice maker, built into apartment units or condominiums, can be the key to early sales or high occupancy rentals.

Hotel Suites Add that final touch of luxury which makes hotel stays a pleasant experience for guests and keeps them coming back for the royal treatment.

Conference Rooms Provide a refreshing break for all your V.I.P. conferences and meetings by installing a Scotsman Compact Ice Machine.

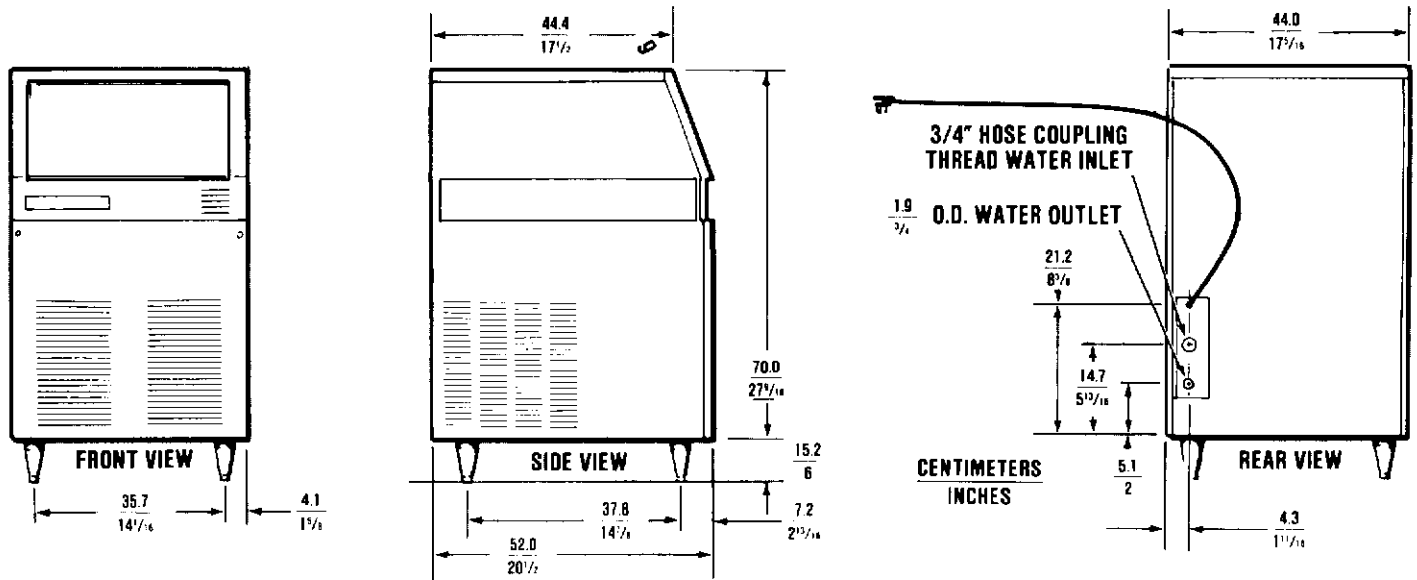


BUILT IN CONVENIENCE

Under counter bar installation puts the ice where it is needed. Legs allow for cleaning below and aisle ventilation.

SCOTSMAN — WORLD'S LARGEST MANUFACTURER OF ICE MACHINES!

AC55 COMPACT ICE MACHINE



We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap. ***	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
AC55SAE-1A	27 1/4 x 17 1/8 x 20 1/2	28 lbs.	55 lbs.	Small	Air	ES	115/60/1	1/5	3	6.1	15	100/45

ELECTRICAL: 115 volt, 60 cycle, A. C. single phase separately fused on a 15 Amp circuit, 3 wire cord with grounded plug included.

** ES — Sandalwood Baked Gloss Enamel on Steel.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours at 70° Air and 50° Water.

AC55A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	
	C°	10°	21°	32°	
70°	55	48	46	lbs.	
21°	25	22	21	kg.	
90°	42	41	38	lbs.	
32°	19	19	17	kg.	
100°	34	33	31	lbs.	
38°	15	15	14	kg.	

IMPORTANT OPERATING REQUIREMENTS:

	MINIMUM	MAXIMUM
* Air Temperatures	50° F (10.0° C)	100° F (38° C)
Water Temperature	40° F (4.4° C)	100° F (38° C)
Water Pressures	20 lbs. gauge	120 lbs. gauge
Voltage	-10%	+10%

(Voltage rating specified on nameplate)

Extended periods of operation exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

Product Warranty:

Warranty includes 1 year on parts; 1 year labor and 5 years on Compressor. See Manufacturer's Limited Warranty Statement, or contact Dealer for details.

This product carries these listings and approvals:



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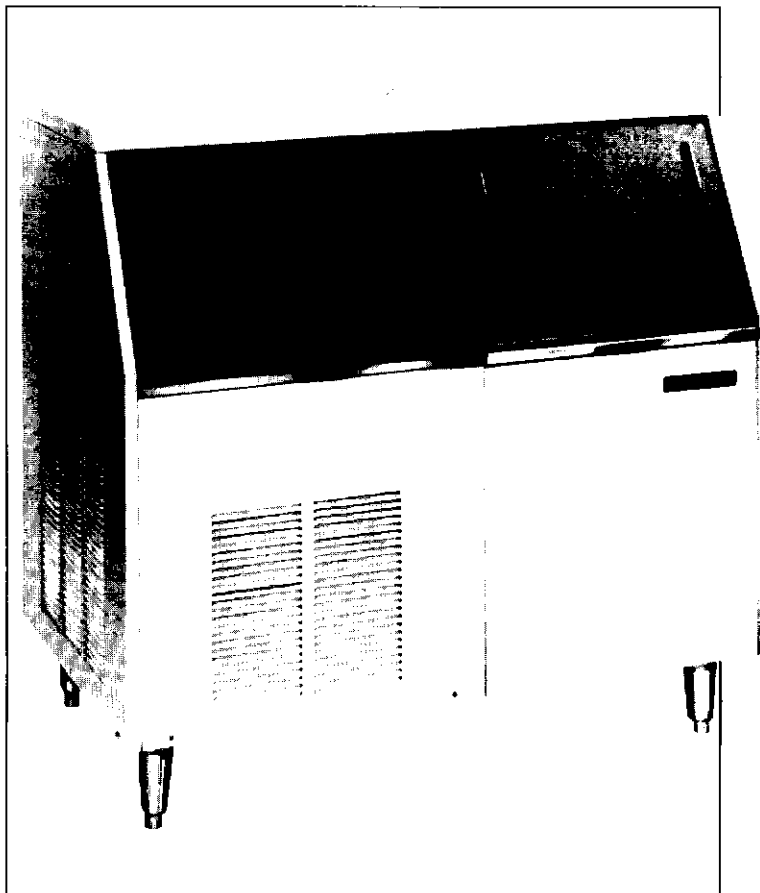
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AC30

Cuber
With Storage

SCOTSMAN
COMMERCIAL ICE SYSTEMS

C.S.I. FILE NO. 11400



RELIABLE PRODUCTION . . . TROUBLE FREE

- Up to 297 lbs. of ice in 24 hours.
- Time tested and proven icemaking system.
- Produces appetizing, crystal clear Scotsman round cubes.
- Cubes harvest individually and stay loose in storage.

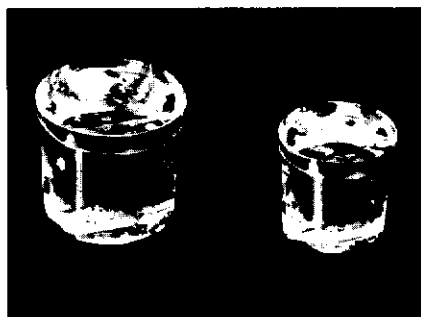
DESIRED FEATURES AND BENEFITS

- Built-in storage bin.
- Generous bin opening for convenient ice removal.
- Embossed leathergrain cabinet panels finished in high gloss, scuff-resistant, polyester enamel.
- Service from the front.
- Medium or small size round cube models available.
- Sized for under bar or counter installation.
- Decorator styled for public view installation.
- Three versatile models to choose from.
- Offers one station convenience . . . no ice hauling.

WARRANTY - SATISFACTION

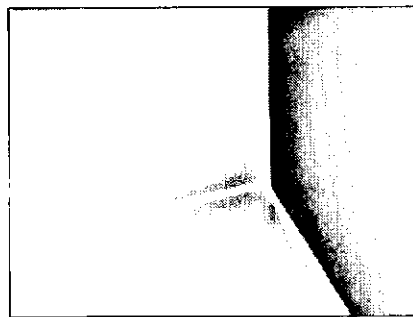
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.



WORLD FAMOUS CUBE DESIGN

Choice of two cube sizes. Small bar cube, perfect for on-the-rocks drinks. Medium size cube ideal for restaurant use.



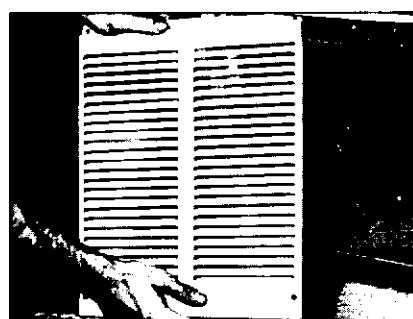
ONE PIECE MOLDED BIN

Seamless polyethylene bin is sanitary and easy to clean. Resists scratches and scuffs from ice scoops. Has up to two inch foam insulation to preserve ice.



WIDE BIN OPENING

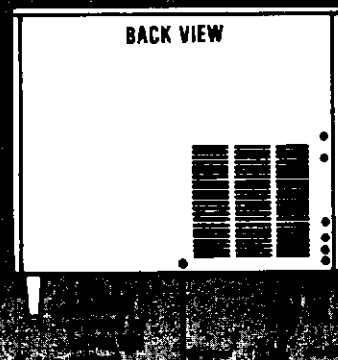
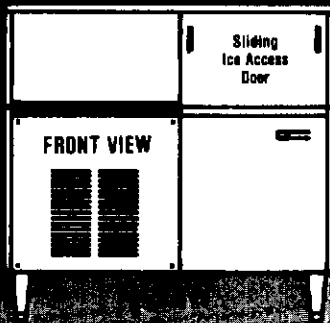
A wide bin opening for easy ice scooping. Scuff resistant door slides out of the way.



FRONT SERVICE ACCESS

Removable front panel and top permit convenient front access to mechanical parts when service is necessary.

AC30 CUBER WITH STORAGE



This product qualifies for the following listings:



CENTIMETERS
INCHES

INSTALLATION NOTE: Allow 6" minimum space at left side and 4" minimum space at back for ventilation and utility connections.

SPECIFICATIONS

Model	Dimensions (W x H x D)	Weight (Empty)	Weight (Full)	Bin Size	Cooling	Control	Voltage	Phase	Frequency	Current (A)	Power (W)	Capacity (lb)	Capacity (kg)
AC30SAE-1B	37 1/16 x 45 1/16 x 29 1/2	255 lbs.	258 lbs.	Small	Air	ES	115/60/1	3/4	2	25.8	25	323/147	323/147
AC30SWE-1B	37 7/16 x 45 1/16 x 29 1/2	255 lbs.	252 lbs.	Small	Water	ES	115/60/1	3/4	2	24.0	25	323/147	323/147
AC30MAE-1B	37 7/16 x 45 1/16 x 29 1/2	255 lbs.	297 lbs.	Medium	Air	ES	115/60/1	3/4	2	25.8	25	323/147	323/147

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish.

† Use this value to determine minimum wire size required to meet National Electric Code Standards.

*** Maximum storage capacity for bins is based on 90% of total volume in cubic feet x 34 lb. average density of ice.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours at 70° Air and 50° Water.

AC30SAE AIR-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
F°	50°	70°	90°		lbs.
70°	258	216	N/A		
90°	224	192	173		
100°	N/A	189	N/A		

AC30SWE WATER-COOLED

WATER TEMPERATURE		AIR TEMPERATURE			
F°	50°	70°	90°		lbs.
70°	252	211	N/A		
90°	252	206	188		
100°	N/A	206	N/A		

NOTE: Production shown is for small size cube from machine with properly adjusted cube size and defrost controls. For medium cubes increase the above capacities up to 20%.

N/A — Data not available at time of printing.

OPTIONAL STAINLESS STEEL PANEL KIT:

SPKAC30B: Contains stainless steel sides, top and face panels with matching gray-molded ABS door. Sanitary, gleaming finish.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

LEGS SUPPLIED:

Four black metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot.

OPTIONAL LEG KIT:

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman icemaker units are not designed for outdoor installations or installations where air temperatures are below 50°F. or above 100°F. and the water temperature is below 40°F. or above 100°F. Extended periods of operation at temperatures exceeding these limitations will constitute misuse under the terms of Scotsman manufacturer's limited warranty resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

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TELEX EASYLINK 62622027
FAX (312) 913-9844

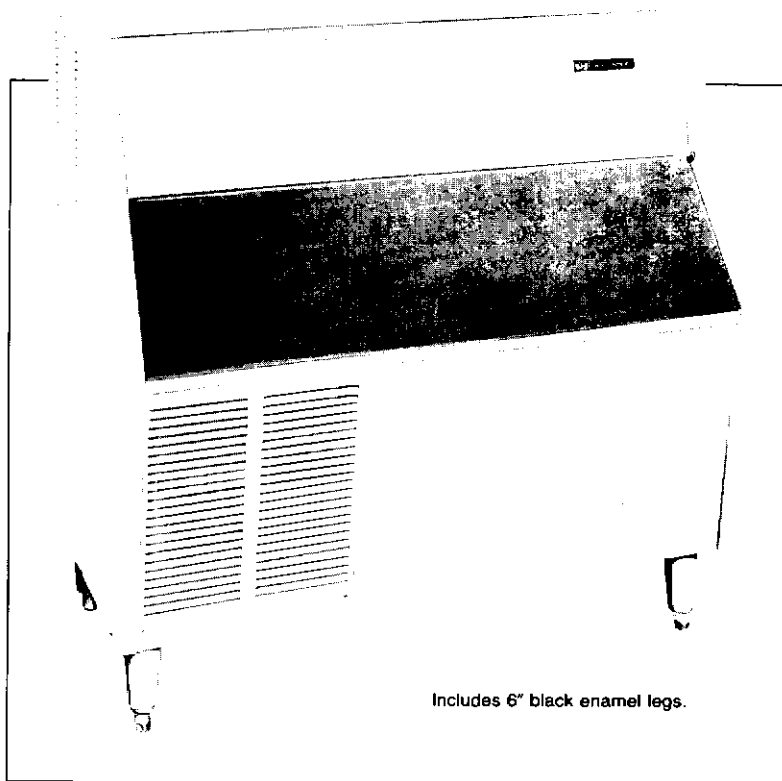
Printed in U.S.A.
SM 12-88

AC25

Cuber
With Storage

SCOTSMAN
COMMERCIAL ICE SYSTEMS

C.S.I. FILE NO. 11400



Includes 6" black enamel legs.

RELIABLE PRODUCTION – TROUBLE FREE

- Up to 220 lbs. of ice in 24 hours.
- Time tested and proven icemaking system.
- Produces appetizing, crystal clear Scotsman round cubes.
- Cubes harvest individually and stay loose in storage.

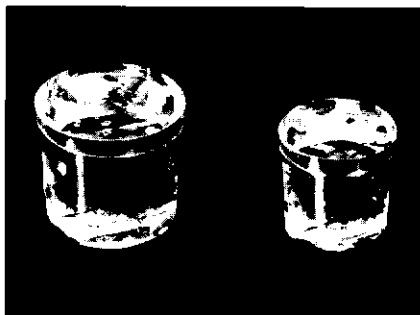
DESIRED FEATURES AND BENEFITS

- 140 lb. built-in storage bin.
- Generous bin openings for convenient ice removal.
- Embossed leathergrain cabinet panels finished in high gloss, scuff-resistant, polyester enamel.
- Service from the front.
- Medium or small size round cube models available.
- Sized for under bar or counter installation.
- Decorator styled for public view installation.
- Four versatile models to choose from.
- Offers one station convenience . . . no ice hauling.

WARRANTY – SATISFACTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Service Dealers.



WORLD FAMOUS CUBE DESIGN

Choice of two cube sizes. Small bar cube, perfect for on-the-rocks drinks. Medium size cube ideal for restaurant use.



ONE PIECE MOLDED BIN

Seamless polyethylene bin is sanitary and easy to clean. Resists scratches and scuffs from ice scoops. Has up to two inch foam insulation to preserve ice.



WIDE BIN OPENING

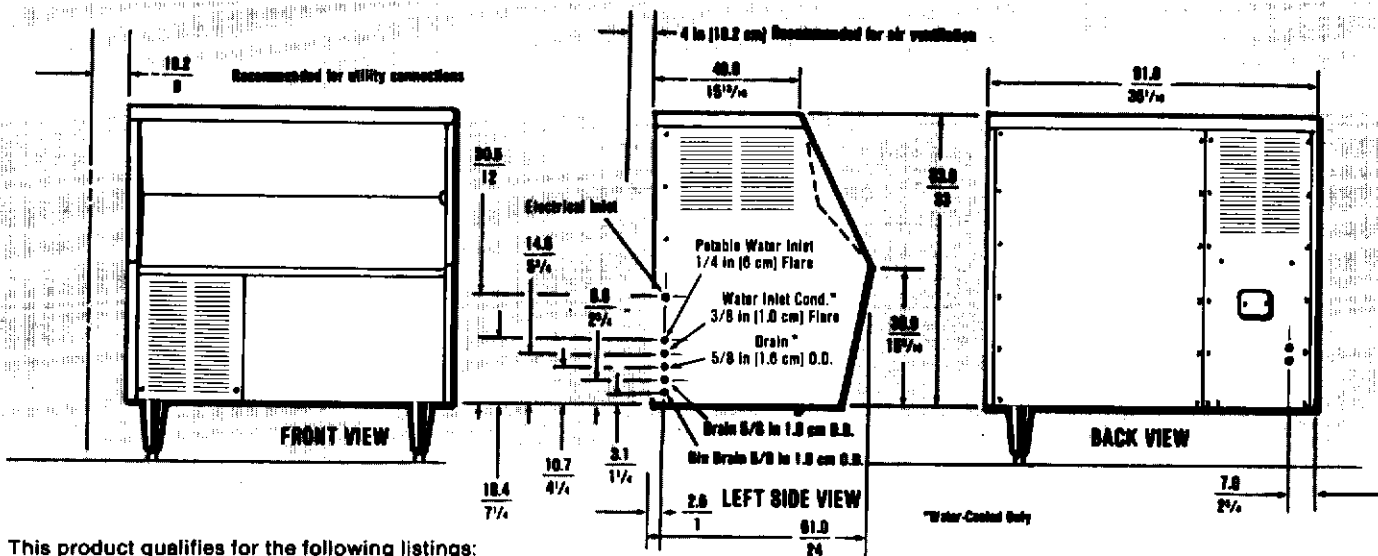
A wide bin opening for easy ice scooping. Scuff resistant door lifts up and back, out of the way.



FRONT SERVICE ACCESS

Removable front panel and top permit convenient front access to mechanical parts when service is necessary.

AC25 CUBER WITH STORAGE



This product qualifies for the following listings:



CENTIMETERS
INCHES

INSTALLATION NOTE: Allow 6" minimum space at left side and 4" minimum space at back for ventilation and utility connections.
AIR COOLED MODELS: Condenser air is discharged through front panel.

SPECIFICATIONS

Model Number	Dimensions H" x W" x D" (Height - w/o Legs)	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. lbs./kg.
AC25SAE-1A	33 x 36 1/8 x 24	140 lbs.	186 lbs.	Small	Air	ES	115/60/1	1/2	2	15.0	20	225/102
AC25SAS-1A	33 x 36 1/8 x 24	140 lbs.	186 lbs.	Small	Air	SS	115/60/1	1/2	2	15.0	20	225/102
AC25SWE-1A	33 x 36 1/8 x 24	140 lbs.	167 lbs.	Small	Water	ES	115/60/1	1/2	2	14.4	20	225/102
AC25MAE-1A	33 x 36 1/8 x 24	140 lbs.	220 lbs.	Medium	Air	ES	115/60/1	1/2	2	15.0	20	225/102

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (SS) Stainless Steel.
† Use this value to determine minimum wire size as per National Electric Code Standards.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

AC25 AIR-COOLED Medium Cube

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	220	187	174	174	lbs.
21°	160	85	79	79	kg.
90°	170	163	153	153	lbs.
32°	77	74	69	69	kg.
100°	151	134	125	125	lbs.
38°	68	61	57	57	kg.

AC25 WATER-COOLED Medium Cube

WATER TEMPERATURE

AIR TEMPERATURE	F°	50°	70°	90°	lbs.
	C°	10°	21°	32°	
70°	197	183	165	165	lbs.
21°	86	83	75	75	kg.
90°	180	163	153	153	lbs.
32°	82	74	69	69	kg.
100°	167	159	148	148	lbs.
38°	76	72	67	67	kg.

IMPORTANT OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
Air Temperatures	50° F (10.0° C)	100° F (37.7° C)
Water Temperatures ...	40° F (4.4° C)	100° F (37.7° C)
Water Pressures	20 PSIG	120 PSIG
Electrical Voltage	-10%	+10%

Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage. See Dealer for details of Limited Warranty.

NOTE: Production shown is for medium size cube from machine with properly adjusted cube size and defrost controls. For small cubes derate the above capacities up to 20%.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

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TELEX EASYLINK 62922027
FAX (312) 913-9844

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6M 12-88



SCOTSMAN®

COMMERCIAL ICE SYSTEMS/HOME I

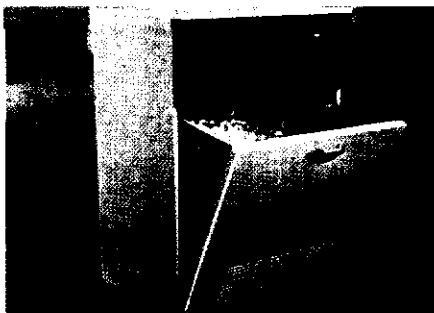
AC 20 cuber

Convenient and compact ice service.

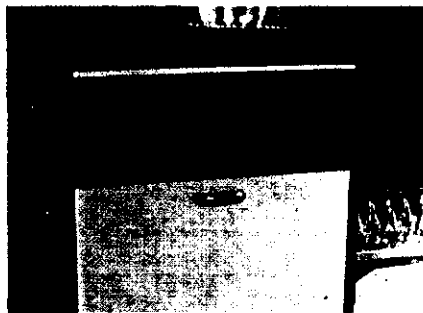
The AC20 is a compact model that freezes and stores cubes inside a space-saving cabinet. Designed to fit where other cubers won't, it installs under bars and counters or at waitress stations in a minimum of floor space. Produces up to *125 pounds of cubes per day and shuts off when bin is full. Tilt-out bin delivers ice at a convenient, easy-to-reach level, then returns it to the insulated cabinet. Bin holds 68 pounds of pure, clear cubes which are rounded to stay loose for easy scooping. The AC20 is available in water or air-cooled models to produce medium or small size cubes. Attractive Sandalwood enamel and woodgrain trim blend well with any interior decor. Scotsman quality assures reliable operation wherever fast service counts.

**See Ice Making Capacity chart on other side.*

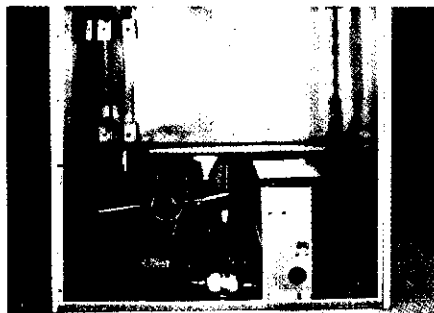




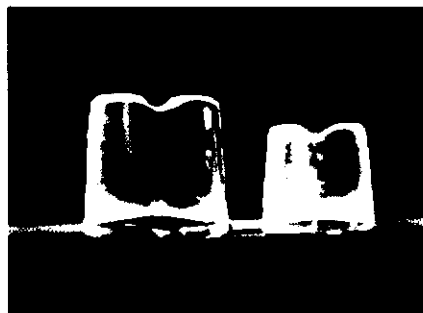
STAINLESS STEEL BIN
Tilting action brings ice out to you. High level bin is easy to reach and cleans easily.



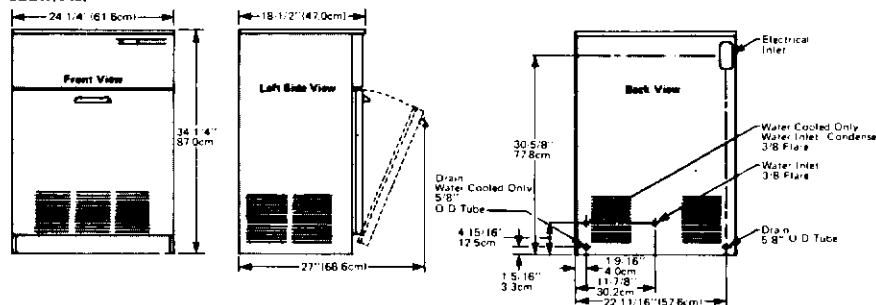
UNDER COUNTER SIZE
Designed to fit under counter or bar. Saves space and makes ice right where it's needed.



FRONT INSTALLATION
Bin removes for full front hook-up and servicing under counters or between cabinets.



SMALL OR MEDIUM CUBE
Ideal for appetizing table or bar service. Pure clear cubes stay loose, easy to handle.



ICE MAKING CAPACITY

Typical ice production — medium size cube — lbs. of ice per 24 hours.

AC20 MA AIR-COOLED WATER TEMP.					AC20 MW WATER-COOLED WATER TEMP.				
AIR TEMP.	F°	90°	70°	50°	AIR TEMP.	F°	90°	70°	50°
	C°	32°	21°	10°		C°	32°	21°	10°
70°	21°	110	120	125	70°	21°	105	115	120
21°	50°	50	54	57	21°	50°	48	52	54
90°	32°	90	105	110	90°	32°	100	105	115
32°	41°	41	48	50	32°	41°	45	48	52
100°	38°	80	90	95	100°	38°	95	105	110
38°	36°	36	41	43	38°	43°	43	48	50

Note:
Production shown is for medium size cube from machine with properly adjusted cube-size and defrost controls. Small cube size production is approximately 15% lower.

SPECIFICATIONS — AC20

Model Number	Cube Size	Condensing Unit	Compressor Horsepower	Finish*	Basic Electricals	Max. Oper. Amps	No. of Wires	Min.** Ampacity	Max. Fuse Size
AC20MAE	Medium	Air	1/3	E	115/60/1	11.5	2	12.6	15
AC20MAS	Medium	Air	1/3	S	115/60/1	11.5	2	12.6	15
AC20SAE	Small	Air	1/3	E	115/60/1	11.5	2	12.6	15
AC20SAS	Small	Air	1/3	S	115/60/1	11.5	2	12.6	15
AC20MWE	Medium	Water	1/3	E	115/60/1	11.0	2	11.5	15
AC20MWS	Medium	Water	1/3	S	115/60/1	11.0	2	11.5	15
AC20SWE	Small	Water	1/3	E	115/60/1	11.0	2	11.5	15
AC20SWS	Small	Water	1/3	S	115/60/1	11.0	2	11.5	15

*Enamel (E) models have Sandalwood baked enamel finish with walnut woodgrain trim on upper front panel. Stainless steel (S) models have complete cabinet and top in stainless steel, no vinyl trim.

**Use this value to determine minimum wire size required to meet National Electric Code Standards.

AC 20 cuber

Convenient and compact

*Capacity: Refer to production chart
Storage Bin: 68 lbs. (31 kg.)
Height: 34 1/4" (87 cm) **Width:** 24 1/4" (61.6 cm)
Depth: 18 1/2" (47 cm)
Weight: Approx. 168 lbs. (76 kg.)

OPTIONAL LEG KITS

Four die-cast metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot. N.S.F. approved.

KLP2E: Black enamel finish. Recommended for enameled cabinets.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

FRONT ACCESS

Service adjustments can be done quickly. Remove kickplate, 2 bolts, 1 clamp and lift out bin. Reach components from the front.

EASY TO CLEAN

Control box has separate compressor and "cleaning cycle" switches. Spray bars disassemble and remove for thorough cleaning.

IMPORTANT OPERATING REQUIREMENTS

Electrical Voltage: Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects.

Ambient Temperature: Machine is not designed for outdoor installation. Machine will not operate when air temperature is below 50° F. or above 100° F.

Water Pressure & Temperature: Requires 20 lbs. flowing water pressure, without interruption. Machine will not operate when water supply temperature is below 40° F. or above 100° F.



2 YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman's warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two year parts provision.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

Scotsman Ice Systems include a full line of modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

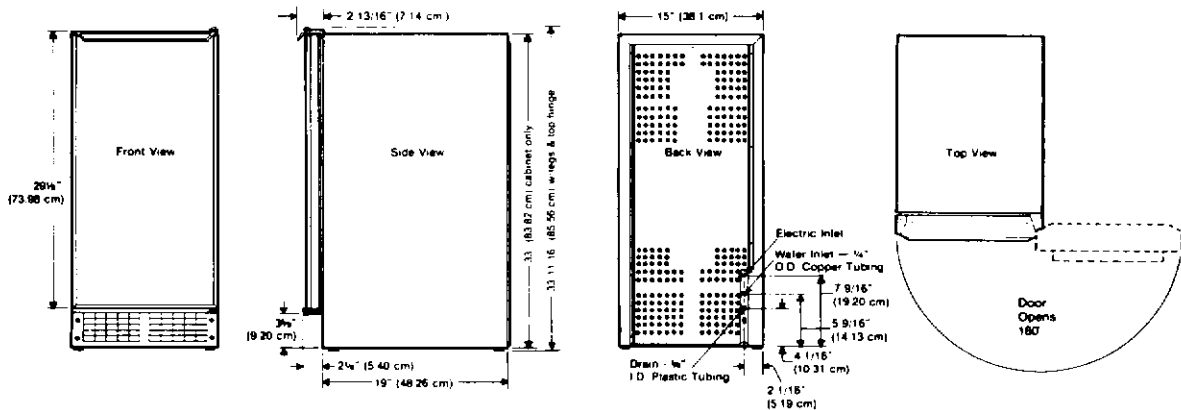


QUEEN PRODUCTS DIVISION
 KING-SEELEY THERMOS CO.
 505 FRONT ST., ALBERT LEA, MN 56007



AC11 Cuber

The model AC11 Cuber is ideal for under counter or under bar installations because it's just 33" high and 15" wide. The gleaming stainless steel cabinet is easy to clean. The AC11 is smart looking as a free standing unit too. It provides 26 pound storage wherever ice is used - waitress stations, snack bars, beverage counters or lounge areas.



MODEL SPECIFICATIONS

AC11MAS: Air cooled condenser with fan. Gravity drain outlet tube. Air vent on front of unit must not be covered to allow air circulation.

Finish: Stainless Steel

Storage Bin: 26 pound capacity. High density linear polyethylene. No defrost necessary.

Production: 8 cubes per defrost cycle. Makes up to 30 pounds of cubes per 24 hours. See production chart.

Maximum Operating Amps: 3.2

Approx. Shipping Wt: 88 lbs. or 40 Kg.

AC11MAS AIR-COOLED

WATER TEMP.

A I R T E M P.	C°	32°	21°	10°	
	21°	12	13	13	kg.
	32°	9.5	10	11	kg.
	38°	8	9	10	kg.

INSTALLATION REQUIREMENTS

Electrical: 115 volt, 60 cycle, A.C. single phase separately fused on 15 amp circuit. Supplied with 6 foot long, 3 wire cord with grounded plug.

Water Inlet: 1/4" copper cold water line. Minimum of 20 psi required. Shut off valve should be conveniently located in the water line.

Gravity Drain: 5/8" O.D. copper or 5/8" I.D. plastic tubing, run to open or vented trapped drain.

Temperature: Machine is not designed for outdoor installation where temperature is below 50° or above 100° F. Machine will not operate when water supply temperature is below 40° F. or above 100° F.

Ice production per 24 Hours: Ice production varies with the temperature of the incoming water and the surrounding air, as shown on the chart.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

ACCESSORIES

SPK-18 Pump Kit: Installs on AC11 models at anytime should pump be required for proper water drainage.

11-200 Water Pressure Regulator: For use under excessive water pressure conditions.

FEATURES

Automatic Shut-Off: Thermostat inside bin turns off unit when ice level inside the bin contacts the sensor.

Removable Magnetic Door Gaskets: Help return door to fully closed position and tightly seal door to preserve cold.

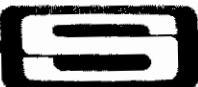
Foam Insulated Bin: Entire bin and door have 1" foam insulation to maintain ice supply.

PRODUCT WARRANTY

See manufacturer's limited warranty statement or contact your Scotsman dealer for details.



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505 FRONT ST. • ALBERT LEA MN 56007

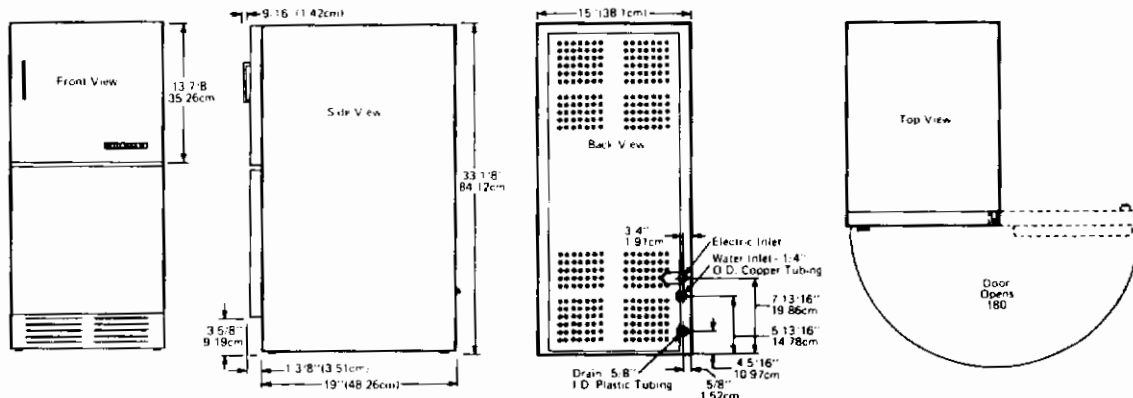


SCOTSMAN



AC10 Cuber

The model AC10 Cuber is ideal for under counter or under bar installations because it's just 33 1/8" high and 15" wide. The gleaming stainless steel cabinet is easy to clean. The AC10 is smart looking as a free standing unit too. It provides 26 pound storage wherever ice is used - waitress stations, snack bars, beverage counters or lounge areas. Lower panel snaps off for quick service.



MODEL SPECIFICATIONS

AC10MAS: Air cooled condenser with fan. Gravity drain outlet tube. Air vent on front of unit must not be covered to allow air circulation.

Finish: Stainless Steel

Storage Bin: 26 pound capacity. High density linear polyethylene. No defrost necessary.

Production: 8 cubes per defrost cycle. Makes up to 30 pounds of cubes per 24 hours. See production chart.

Maximum Operating Amps: 4.0

Approx. Shipping Wt.: 93 lbs. or 34.7 Kg.

AC10MAS AIR-COOLED

WATER TEMP.

A I R	WATER TEMP.				lbs.
	F°	90°	70°	50°	
T E M P.	C°	32°	21°	10°	
		26	28	30	
M A X.		12	13	13	kg.
		21	23	25	lbs.
P. R.		9.5	10	11	kg.
		18	20	22	lbs.
		8	9	10	kg.

Ice production per 24 Hours: Ice production varies with the temperature of the incoming water and the surrounding air, as shown on the chart.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

INSTALLATION REQUIREMENTS

Electrical: 115 volt, 60 cycle, A.C. single phase separately fused on 15 amp circuit. Supplied with 6 foot long, 3 wire cord with grounded plug.

Water Inlet: 1/4" copper cold water line. Minimum of 15 psi required. Shut off valve should be conveniently located in the water line.

Gravity Drain: 5/8" O.D. copper or 5/8" I.D. plastic tubing, run to open or vented top drain.

Temperature: Machine is not designed for outdoor installation where temperature is below 50° or above 100° F. Machine will not operate when water supply temperature is below 40° F or above 100° F.

ACCESSORIES

SPK-18 Pump Kit: Installs on AC10 models at anytime should pump be required for proper water drainage.

11-200 Water Pressure Regulator: For use under excessive water pressure conditions.

FEATURES

Automatic Shut-off: Thermostat inside bin turns off unit when ice level inside the bin contacts the sensor.

Magnetic Door Gaskets: Help return door to fully closed position and tightly seal door to preserve cold.

Foam Insulated Bin: Entire bin and door have 1" foam insulation to maintain ice supply.

2 YEAR PARTS WARRANTY

MANUFACTURER'S LIMITED WARRANTY

Scotsman warrants that any commercial product of its manufacture and bearing the name Scotsman will be free from defect in material and/or workmanship, and that if properly installed and serviced in accordance with the User Manual furnished with the product, it will perform adequately under normal use.

This Product warranty shall be effective for a period of two years from the date of original installation of equipment, provided that installation of the equipment is reported on a manufacturer's registration form returned to the factory at the time of installation or for a period of 27 months from date of shipment of equipment from the factory if a warranty registration form has not been returned. This warranty is applicable only in the United States and Canada.

Scotsman's obligation under this warranty is limited strictly to replacing without charge, or to repairing, upon return to its factory, transportation charges prepaid, any part or parts that shall be found to be defective in material and/or workmanship during the warranty period. Charges for labor (except for labor performed in the Scotsman factory for repairing defective parts) are not covered. No part or assembly which has been subject to accident, alteration, improper maintenance or misuse, or is from a machine on which the serial number has been altered or removed, is covered by the Scotsman warranty. All decisions regarding defects in material or workmanship or accident, alteration, misuse or improper maintenance of parts or commercial products shall be made by Scotsman's Service Department and shall be final and binding upon the parties. The serial and model numbers and date of original installation of the machine must be given.

Within the Continental U.S.A., an additional three year exchange program is provided for the motor compressor part of this equipment under the same conditions as the two years parts portion.

Scotsman assumes no liability for consequential damages of any kind or for any damage resulting in whole or in part from misuse or inadequate maintenance of any product or part thereof.

IT IS EXPRESSLY AGREED THAT THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO
505 FRONT ST. • ALBERT LEA, MN 56007

W series

by SCOTSMAN

COMMERCIAL ICE SYSTEMS

ONLY THE NAME
HAS CHANGED

They used to call them, "Whirlpool Commercial Ice Systems" ... now they're known as "The W-Series by Scotsman" ... only the name has changed!

That's right! The ice machines are manufactured to the same specifications, with the same manufacturing dies, using the same components ... we've even kept the same warranty. Only the name has changed!

If you need service or parts for Whirlpool Ice Machines; if you need some new equipment; call on us. We're the W-Series dealer/distributor in your area.

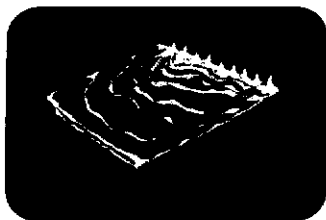
And, remember, only the name has changed!

EASY TO UNDERSTAND WARRANTY

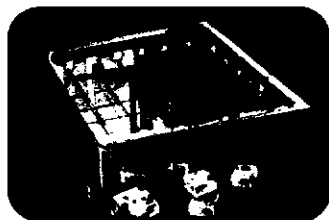


An easy-to-understand warranty. The easy-to-read, easy-to-understand W-Series warranty

is written in plain English. It says what it means and means what it says.



W-Series ice maker evaporator. The heart of the system is the stainless steel evaporator. Water consistently flows across the evaporator, and the purest portion of the water freezes while minerals and impurities are constantly being rejected. The result—clean, clear, hard ice—purer than the water from which it is made.



The ice slab is cut into separate cubes or cubelets, and the ice thickness can even be adjusted from $\frac{3}{8}$ " to 1" to suit your preference. Cubes drop directly into the storage bin. When the bin is full, the ice maker automatically stops producing ice.



Choice of cube size. Ice cubelets, $\frac{3}{4}$ " x $\frac{3}{4}$ ", are ideal as "cocktail ice" to quick-chill beverages. Cubelet-size is great also for keeping food displays and salad bars crisp and fresh looking. For those who prefer larger size cubes an optional grid is available to make $1\frac{1}{4}$ " x $1\frac{1}{2}$ " cubes. And, a simple adjustment is all it takes to control ice thickness from $\frac{3}{8}$ " to 1".

W series by SCOTSMAN

SELF CONTAINED CUBERS

CSW1AE-1A AIR COOLED MODEL



CSW1AE-1A produces up to 53 lbs. of ice in a 24-hour period.

CSW1AE-1A can be installed as a free-standing unit or completely built-in. Air circulation, both in and out, is through the front grille.

Accessory:
CCK-108-SG 1 1/4" x 1 1/4" cube grid (1 required)

ICE PRODUCTION CAPACITY

Ice Production lbs./24 hrs.					
Ambient °F.	100	38	38	37	35
	90	46	43	41	39
	80	49	47	45	43
	70	53	51	49	47
		50	60	70	80
		Water temperature, °F.			

Production capacities shown were provided by Whirlpool Corporation based upon testing of equipment formerly produced and marketed under The Whirlpool Brand name.

Automatic operation—With the cycle control in the "on" position, the unit automatically produces ice and shuts off when the storage bin is full. Fresh water is circulated over a freezing surface to produce hard ice with low mineral content. The result is a clear ice cube which has significantly fewer minerals than the water from which it is made.

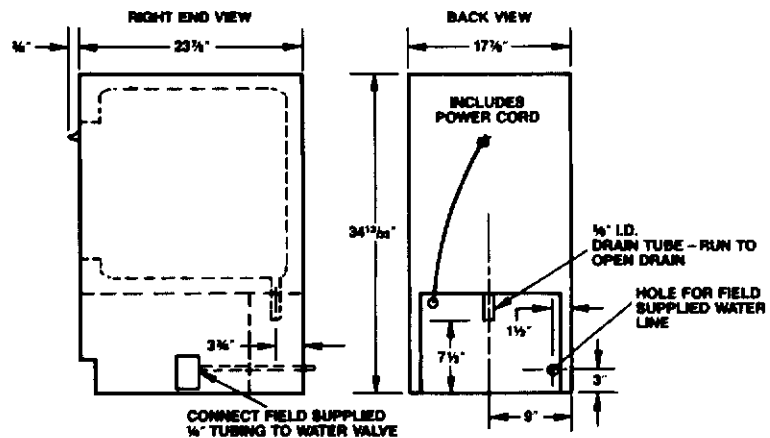
Cube size—Produces cubelet sized ice 3/8" x 3/8". A thickness control on the front panel permits ice thickness to be adjusted from 3/8" to 3/4". For those who prefer larger cubes, an optional grid is available to produce cube ice 1 1/4" x 1 1/4" (Model CCK-108-SG). (1 required)

Finish—Cabinet is Sandalwood acrylic enamel finish to blend with any decor. Door is walnut grained and insert panel may be changed locally to meet most exacting decorator designs.

Ice Storage Bin rated at 35 lbs.—Bin liner is one-piece molded polyethylene with rounded corners for ease in cleaning.

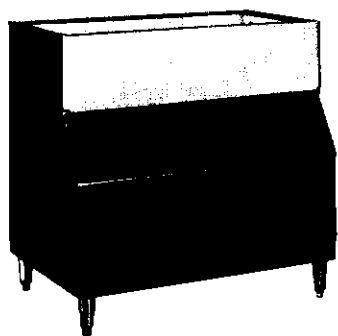
CSW1AE-1A	
Production (lbs.)	53
Storage (lbs.)	35
Finish	Enamel
Condenser	Air-Cooled
Ambient Range	55°F. to 110°F.
Electrical*	
Voltage	115V, 60 Hz 1 Ph.
Fuse Size (Time Delay)	15 Amp (Max.)
Average Amps	4.6
Plumbing*	
Water Inlet	1/4"
Storage Bin	3/4"
Drain	3/8"
Net Weight (lbs.)	113
Shipping Weight (lbs.)	120

*Subject to local codes.



W series by SCOTSMAN

STORAGE BIN



CBW6E

CBW6E cuber storage bin rated at 578 pounds

Storage
Finish
Drain

Net Weight
Shipping Weight
Designed &
Matched For:

CBW6E
578 lbs.
Enamel
1" F.P.T. or
3/4" PVC-CPVC
165 lbs.
180 lbs.

CHW5AE-1A
CHW5WE-1A
CHW7AE-31A
CHW7AE-31A

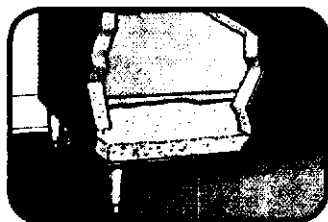
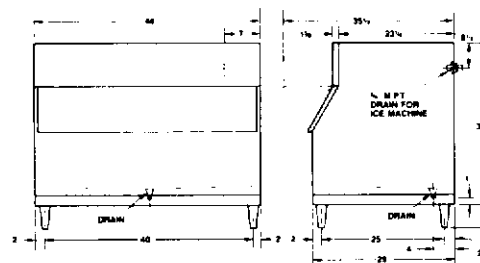
The CBW6 series bin is designed for use with W-Series cuber heads series CHW5AE-1A, CHW5WE-1A, CHW7AE-31A and CIW7WE-31A.

Tough, rugged, one-piece polyethylene liner has rounded corners to help make cleaning quick and easy.

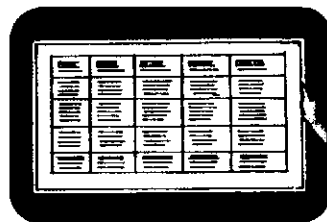
Sturdy steel construction with efficient foamed-in-place urethane insulation helps retard ice meltage.

Finish: Available in Charcoal Brown acrylic enamel.

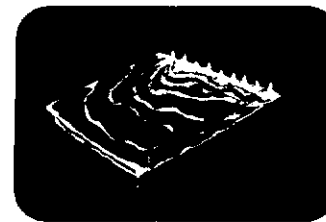
Adjustable 6" legs enable you to level unit and provide clearance for cleaning.



Factory-tested for dependability. You get lasting performance and reliability from ruggedly built steel cabinets. And most units have efficient urethane, foamed-in-place insulation, plus a precision-engineered ice making system with few moving parts. Pump bearings are permanently sealed and lubricated.



Designed for easy cleaning and service. Removable front panels permit front access for all service and cleaning. There's also a technical service and troubleshooting information chart on the panel to speed up service. The evaporator plate can be easily inspected for cleanliness.



Stainless steel evaporator. It's the most durable freezing surface we know of. Designed for efficiency and long life, and to produce hard, clear, clean ice. For excellent reliability the entire water system, including pump, are made of non-corrosive material.

Our W-series systems come in sizes and types to satisfy all your ice cube needs

And what a wealth of beauty and quality they add to your business. W-Series ice systems are available in capacities from 53 lbs. to over 700 lbs. per 24-hour period. Choose self-contained units that can fit under most counters. . . or big-capacity Cuber Heads that team up with matching storage bins. All units except the CSW1AE-1A are available in air-cooled or water-cooled models.

SCOTSMAN ICE SYSTEMS
505 FRONT STREET
ALBERT LEA, MN 56007
507/373-3961

SCOTSMAN

A HOUSEHOLD

INTERNATIONAL COMPANY

W series by SCOTSMAN

SELF CONTAINED CUBERS

CSW2AE-1A AIR COOLED CSW2WE-1A WATER COOLED

CS2 produces up to 143 lbs. of ice in a 24-hour period.

CS2 can be used as a free-standing unit or it will fit under most counters. (Only 38 3/8" high without legs.)

Accessories:

Model KLP2E—Black Enamel adjustable leveling feet 6" high.
Model CCK-153-SG—1 1/4" x 1 1/2" cube grid (1 required)



ICE PRODUCTION CAPACITY

Air-Cooled					Water-Cooled					
Ice Production lbs./24 hrs.					Ice Production lbs./24 hrs.					
Ambient ° F.	100	98	91	84	100	112	110	106	98	
	90	117	110	101	95	90	121	117	110	107
	80	128	122	115	109	80	127	123	118	112
	70	143	135	130	123	70	133	130	123	117
		50	60	70	80		50	60	70	80
		Water temperature, ° F.					Water temperature, ° F.			

Production capacities shown were provided by Whirlpool Corporation based upon testing of equipment formerly produced and marketed under The Whirlpool Brand name.

Dependability—You get lasting performance and reliability from ruggedly built cabinets, efficient insulation, stainless steel freezing surfaces and a simple ice making system with few moving parts. Designed for energy efficiency.

Quality ice—Fresh water is circulated over a freezing surface to produce hard ice and reduce mineral content for improved clarity of ice.

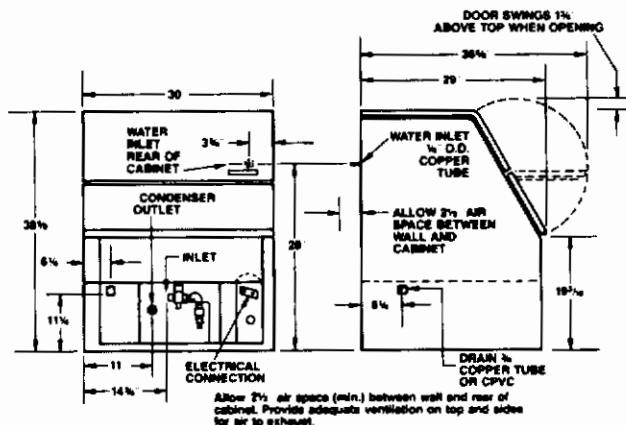
Cube size—Produces sparkling, long lasting, cubelet sized ice 3/4" x 3/4". For those who prefer the larger sized cubes, 1 1/4" x 1 1/2", an optional cube grid, model CCK-153-SG, is available. (1 required.) Ice thickness is variable from 3/8" to 1".

Self-contained storage bin rated at 111 lbs. Sturdy one-piece molded polyethylene liner has rounded corners for easy cleaning. Efficient insulation helps retard ice meltage. Full width lift-up storage door provides easy access to ice in bin.

Cabinet takes only 6 sq. ft. of floor space. Sturdy steel cabinet is 38 3/8" high, will fit under most counters. Optional leg kit for ease of cleaning adds 6" to height. Cabinet finished in two tone Sandalwood/Charcoal Brown baked acrylic enamel on Leathergrain Embossed Steel.

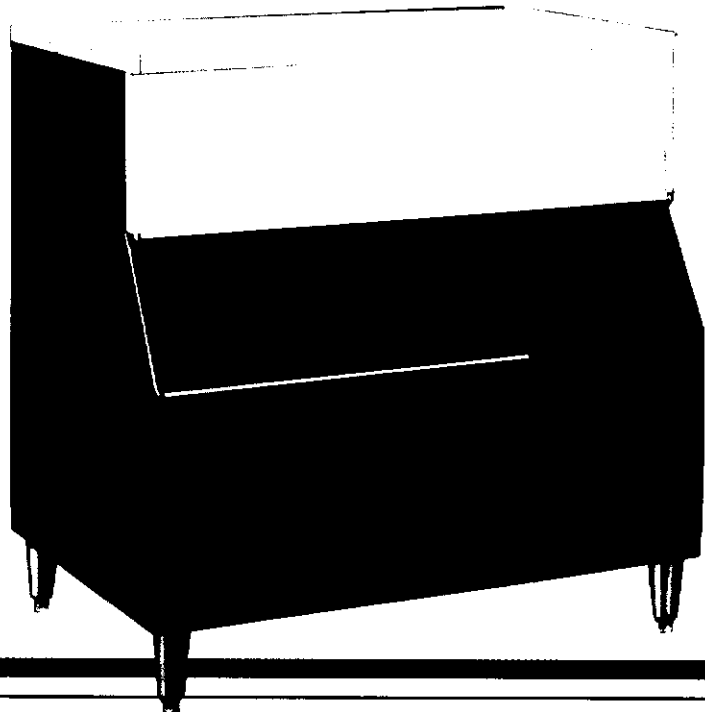
	CSW2AE-1A	CSW2WE-1A
Production (lbs.)	143	133
Storage (lbs.)	111	111
Finish	Enamel	Enamel
Condenser	A	W
A—Air W—Water		
Ambient Range	55°F. TO 100°F.	
Electrical*		
Voltage	115V	115V
Fuse Size (Time Delay)	60 Hz 1 Ph 15 Amp (Max.)	60 Hz 1 Ph 15 Amp (Max.)
Average Amps	8.5	8.5
Plumbing*		
Water Inlet	1/2"	1/4" + 3/8"
Storage Bin Drain	3/4"	3/4"
Condenser Drain		1/2"
Net Weight (lbs.)	210	210
Shipping Weight (lbs.)	225	225

*Subject to local codes.



W series by SCOTSMAN

SELF CONTAINED CUBERS



CSW3AE-1A CSW3WE-1A CSW4AE-1A CSW4WE-1A

CS3 produces up to 242 lbs. of ice in a 24-hour period. CS4 produces up to 340 lbs. of ice in a 24-hour period.

Accessories:
Model KLP2E black enamel, adjustable leveling feet, 6" high.
Model CCK-151-SG—1 1/4" x 1 1/2" cube grid (1 required)

ICE PRODUCTION CAPACITY

CSW3AE Series Air-Cooled Models Ice Production lbs./24 hrs.		CSW3WE Series Water-Cooled Models Ice Production lbs./24 hrs.	
Ambient °F.	100 90 80 70	173 183 219 238	153 163 192 210
Water temperature, °F.	50 60 70 80	229 233 238 242	210 216 220 224

CSW4AE Series Air-Cooled Models Ice Production lbs./24 hrs.		CSW4WE Series Water-Cooled Models Ice Production lbs./24 hrs.	
Ambient °F.	100 90 80 70	250 280 315 340	230 265 293 321
Water temperature, °F.	50 60 70 80	281 285 300 315	270 268 280 292

	CSW3AE-1A	CSW3WE-1A	CSW4AE-1A	CSW4WE-1A
Production (lbs.)	227	221	340	361
Storage (lbs.)	242	242	242	242
Finish	E	E	E	E
E—Enamel				
Condenser	A	W	A	W
A—Air W—Water				
Ambient Range	55° F. to 110° F.			
Electrical*				
Voltage	115V 60 Hz 1 Ph 20 Amp. (Max.) 10	115V 60 Hz 1 Ph 20 Amp. (Max.) 10	115V 60 Hz 1 Ph 20 Amp. (Max.) 10	115V 60 Hz 1 Ph 20 Amp. (Max.) 10
Fuse Size (Time Delay)				
Average Amps				
Plumbing*				
Water Inlet	1/4"	1/2" + 3/8"	1/2"	1/2" + 3/8"
Storage Bin Drain	1" F.P.T. or 3/4" PVC-CPVC			
Condenser Drain	1/2"			
Net Weight (lbs.)	300	300	300	300
Shipping Weight (lbs.)	330	330	330	330

*Subject to local codes.

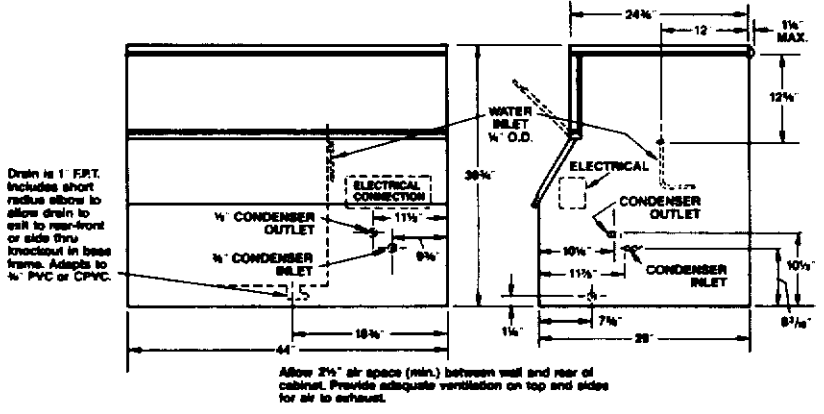
Dependability—You get lasting performance and reliability from ruggedly built steel cabinets, efficient urethane foam insulation, stainless steel freezing surfaces and a simple ice making system with few moving parts. Designed for energy efficiency.

Quality ice—Fresh water is circulated over a freezing surface to produce hard ice and reduce mineral content for improved clarity of ice.

Cube size—Produces sparkling, long lasting, cubelet sized ice 3/4" x 3/4". For those who prefer the larger sized cubes, 1 1/4" x 1 1/2", an optional cube grid, model CCK-151-SG, is available (1 required). Ice thickness is variable from 3/8" to 1" (CS3 Series), 1/2" to 1" (CS4 Series).

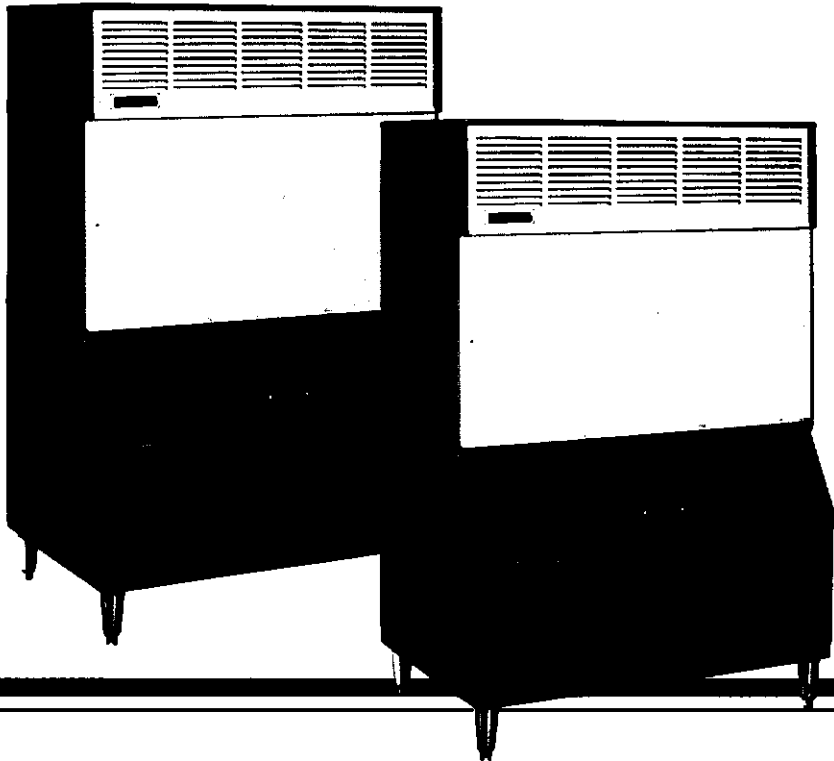
Self-contained storage bin rated at 242 lbs. Sturdy one-piece molded polyethylene liner has rounded corners for ease in cleaning. Efficient urethane foam insulation helps retard ice meltage. Full width lift-up storage door provides easy access to ice in bin.

Tough acrylic enamel finish: Charcoal Brown & Sandalwood on Leathergrain Embossed Steel for lasting beauty.



W series by SCOTSMAN

SELF CONTAINED CUBERS



CHW5AE-1A CHW5WE-1A CHW7AE-31A CHW7WE-31A

CH5 produces up to 506 lbs. of ice in a 24-hour period.

CH7 produces up to 690 lbs. of ice in a 24-hour period.

Accessories:
Model CCK-151-SG—1¼" x 1½" cube grid. (2 required)

ICE PRODUCTION CAPACITY

		CHW5AE Air-Cooled				CHW5WE Water-Cooled			
Ambient ° F.	100	364	342	324	307	446	420	392	364
	90	406	388	370	353	460	433	406	380
	80	452	426	408	392	472	446	420	394
	70	506	477	454	435	484	460	434	410
		50	60	70	80	50	60	70	80
		Water temperature, ° F.				Water temperature, ° F.			

		CHW7AE Air-Cooled				CHW7WE WATER-COOLED			
Ambient ° F.	100	540	507	475	442	654	608	569	530
	90	587	554	520	488	666	620	582	544
	80	644	605	570	526	676	630	591	554
	70	690	650	611	572	686	637	599	560
		50	60	70	80	50	60	70	80
		Water temperature, ° F.				Water temperature, ° F.			

	CHW5AE-1A	CHW5WE-1A	CHW7AE-31A	CHW7WE-31A
Production (lbs.)	486	454	706	686
Storage	SEPARATE STORAGE BIN REQUIRED			
Finish	E	E	E	E
Condenser	A	W	A	W
A—Air W—Water	Ambient Range 55° F. to 110° F.			
Electrical*	115V	115V	115-208/230V/-	115-208/230V/-
Voltage	60 Hz., 1 Ph	60 Hz., 1 Ph	60 Hz., 1 Ph	60 Hz., 1 Ph
Fuse Size (Time Delay)	20 Amp. (Max.)	20 Amp. (Max.)	20 Amp. (Max.)	20 Amp. (Max.)
Average Amps	15.0	15.0	12.4	11.4
Plumbing**				
Water Inlet	¾"	¾" + ¾"	¾"	¾" + ¾"
System Drain	¾"	¾" + ½"	¾"	¾" + ½"
Net Weight (lbs.)	270	270	300	300
Shipping Weight (lbs.)	310	310	330	330

**Subject to local codes.
† 4 wire includes Ground & Neutral

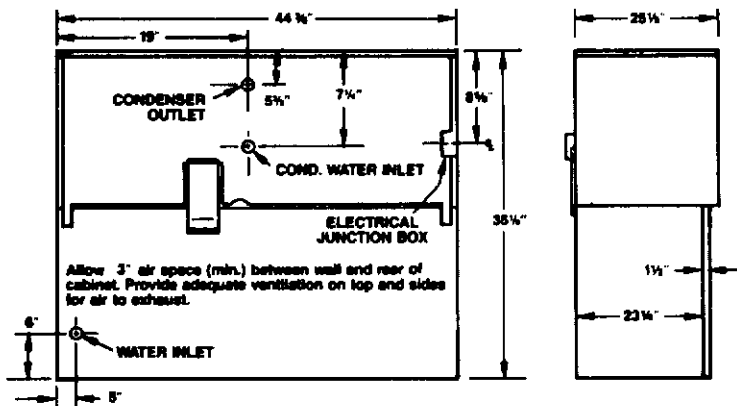
Dependability—You get lasting performance and reliability from ruggedly built steel cabinets, efficient urethane foam insulation, stainless steel freezing surfaces and a simple ice making system with few moving parts. Designed for energy efficiency.

Quality Ice—Fresh water is circulated over a freezing surface to produce hard ice and reduce mineral content for improved clarity of ice.

Cube size—Produces sparkling, long lasting cubelet sized ice ¾" x ¾". For those who prefer the larger sized cubes, 1¼" x 1½", an optional cube grid, model CCK-151-SG, is available. Ice thickness is variable from ¾" to 1".

Tough acrylic enamel finish: Charcoal Brown & Sandalwood for lasting beauty.

Separate storage bin (CBW6E) is required.

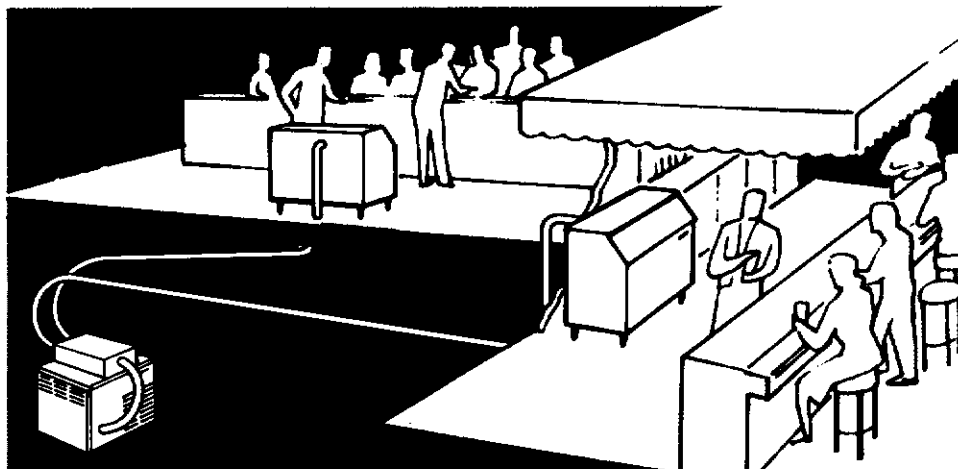


Cuber transport system

*Transports cubes to one or two remote locations!
... up to 100 feet away!*

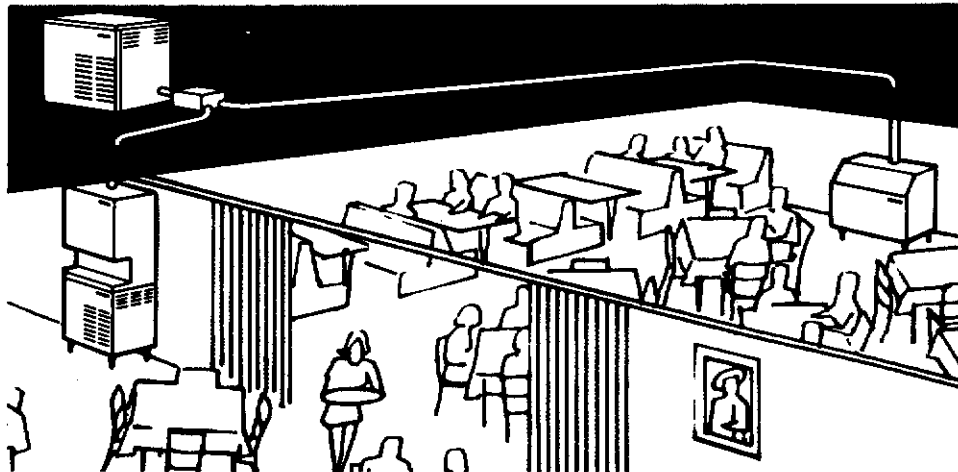
IN BARS!

Not only are the EC900 cubes an ideal size for bar operations, they can be delivered right to the activity area. By installing the DVK905 transport diverter, the cube maker located in a room below, can transport ice to two different locations... the priority bin servicing a public bar and the second supplying ice for a smaller set-up in a private meeting room. Scotsman offers a variety of bins, designed principally for bar operations. Because the EC900 provides a continuing ice flow, bartenders are assured of an ample supply of cubes during peak serving periods.



AT RESTAURANTS!

Sit-down restaurants are usually divided into multiple serving areas. Using the ice diverter system, bins located at several waitress stations supply all the ice necessary when service demands are at their greatest. The EC900 can be installed on the floor above the dining areas and transport cubes to the strategically situated bins. Ice being readily available, where it's needed, the waitress can provide faster, better service, to customers and make more efficient use of her time.



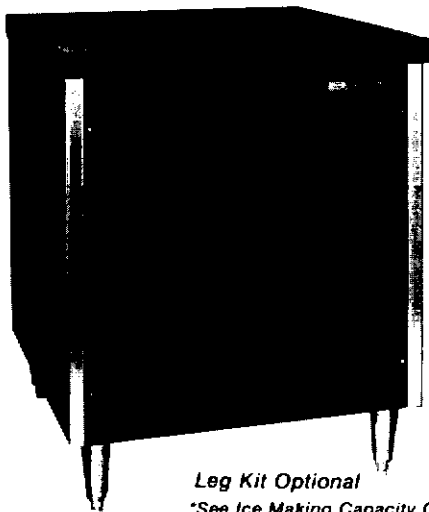
FOR FAST FOODS!

The DVK905 transport diverter system is particularly valuable to fast food operators. Their business is built on fast turnover, and high profit soft drinks are a volume food item. Ice and fast service are key ingredients necessary, in a successful operation. Most fast food restaurants have counter service and drive-up window areas. Installing the EC900 in a utility room, ice is moved through transport tubes, hidden from view by the drop ceiling, to one dispenser located behind the counter and an alternate in the drive-up area. The profit making employee time is spent in service, not carrying ice.



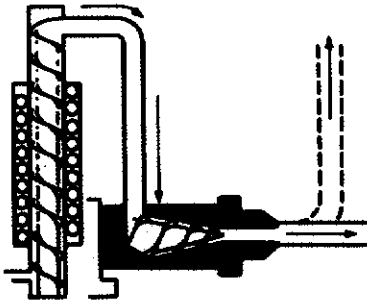
EC900 ⁹⁰⁰ pound cuber-transportor

Scotsman combined an exclusive flake ice making method with a remarkable extruder design to produce high quality, economical cubes. The revolutionary EC900 makes hard ice continually, offering the efficiency of cubes and the economy of flake ice. Up to 900 pounds* of ice cubes are produced in 24 hours and they measure only 5/8" square. They're ideal for fast foods and bar operations . . . provide high displacement, but are slow melting. Another unique feature is movement of cubes directly from the machine to a remote bin or through an optional ice diverter that directs the cubes to two locations. Ice can be moved up to 100 feet, providing cubes to virtually any location. See next page for Tube Transport Kits specifications.



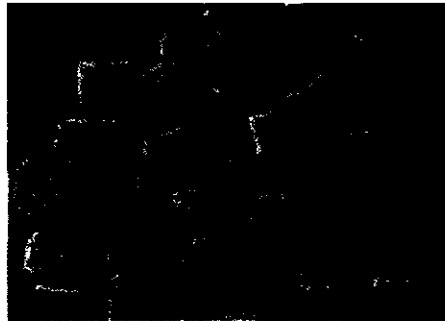
Leg Kit Optional

*See Ice Making Capacity Chart



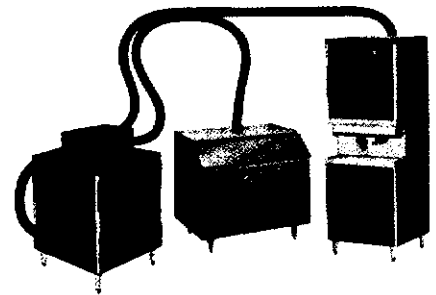
EXTRUDER DESIGN

Flake ice moves from flaker mechanism through Nylobrade tube to extruder. Tapered auger compresses ice through a square opening to a breaker. Cubes are transported through 1" I.D. Nylobrade tube to bin.



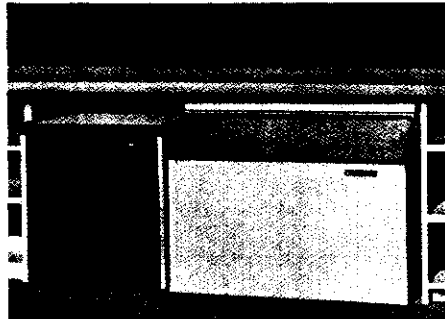
SMALL ICE CUBES

5/8" square cubes are random length, hard ice, perfect for bars, restaurants and fast food operations. The ice is easy to handle and offers maximum drink container beverage displacement.



OPTIONAL ICE DIVERTER

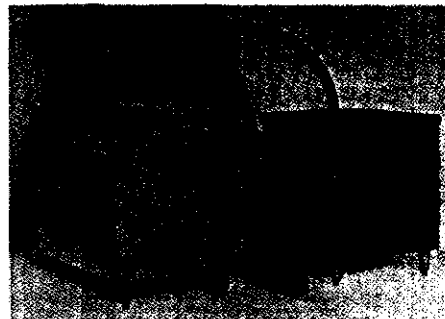
DVK905 installs on ice transport tube up to 6 ft. from EC900 to divert ice to a second location. A switch allows either bin to have priority until filled. When both bins are filled, machine shuts off and restarts when ice is removed.



UNDER COUNTER INSTALLATION

Install under counter by removing top panel for total height of 34 inches including legs. Transport tube exits thru side of cabinet to feed into adjacent or remote bins.

Air-cooled models require 6" minimum clearance for air circulation at both sides and behind unit.



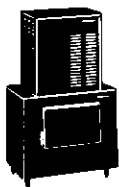
SANITARY REMOTE TRANSPORT

Ice cubes can be discharged through both sides, back, top or bottom with 110 inches of Nylobrade tubing packed with each unit. Cubes can be transported to a bin up to 100 feet away. Nylobrade kits of 25, 50 and 100 feet are available.



INSTALLED ON TOP OF A MODULAR OR VERTICAL BIN

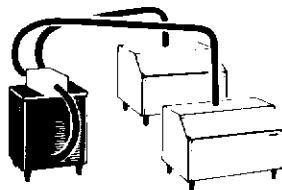
One or two units installed on top of a B80, B90 or B120 bin and extensions offers volume ice production and storage utilizing a minimum or floor space. Two vertical bins, the B500 and B750 also accept the EC900 either on top or by remote transport.



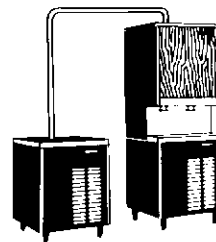
INSTALL ON BIN



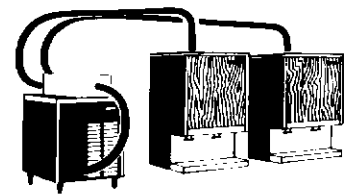
BELOW DISPENSER



TO TWO REMOTE BINS



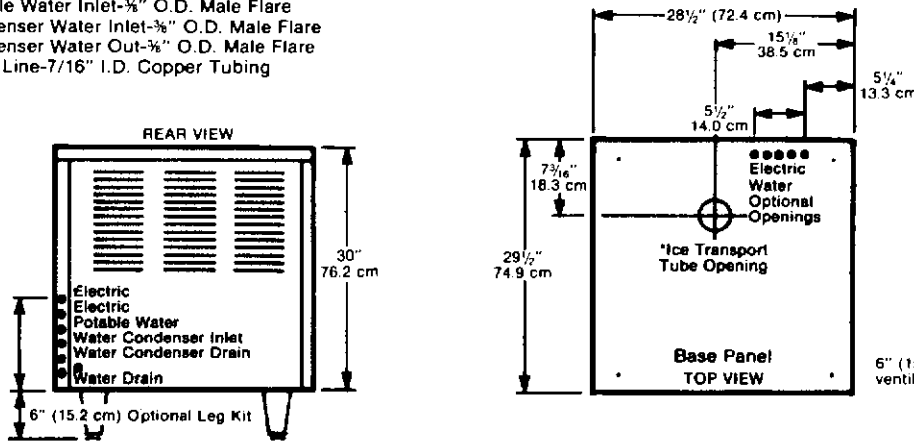
TO ONE REMOTE DISPENSER



TO TWO REMOTE DISPENSERS

PLUMBING CONNECTIONS:

- Potable Water Inlet- $\frac{3}{8}$ " O.D. Male Flare
- Condenser Water Inlet- $\frac{3}{8}$ " O.D. Male Flare
- Condenser Water Out- $\frac{3}{8}$ " O.D. Male Flare
- Drain Line- $\frac{7}{16}$ " I.D. Copper Tubing



This product qualifies for these listings



6" (15.2 cm) min. space all sides for ventilation and utility connections.

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	Run. Amps.	Max. Oper. Amps.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Shpg. Wt. lbs./kg.
EC900AE-2A	30 x 28 1/2 x 29 1/2	—	900 lbs.	1/2 sq.	Air	EC	230/60/1	1	11.5	11.5	2	14.1	20	374/170
EC900AE-3A	30 x 28 1/2 x 29 1/2	—	900 lbs.	1/2 sq.	Air	EC	208-220/60/3	1	10.3	10.3	3	12.4	15	374/170
EC900AE-7A	30 x 28 1/2 x 29 1/2	—	900 lbs.	1/2 sq.	Air	EC	208/60/1	1	10.2	10.2	2	12.7	15	374/170
EC900WE-2A	30 x 28 1/2 x 29 1/2	—	825 lbs.	1/2 sq.	Water	EC	230/60/1	1	11.1	11.1	2	13.7	15	359/162
EC900WE-3A	30 x 28 1/2 x 29 1/2	—	825 lbs.	1/2 sq.	Water	EC	208-220/60/3	1	7.9	7.9	3	9.5	15	359/162
EC900WE-7A	30 x 28 1/2 x 29 1/2	—	825 lbs.	1/2 sq.	Water	EC	208/60/1	1	9.7	9.7	2	12.3	15	359/162

** (EC) Leathergrain, embossed steel with high gloss, charcoal brown baked enamel finish.

EC900 fits on top of B80, B90, B120, B500 or B750 bins and extensions or ice can be transported to a remote bin using Nylobrade tubing provided. Contact your Scotsman dealer for tubing lengths beyond 110." Tubing cannot be spliced or joined.
† Use this value to determine minimum wire size required to meet National Electric Code Standards.

"ICE MAKING CAPACITY:

Typical ice production — lbs./kgs. of ice per 24 hours

EC900 AIR-COOLED
WATER TEMPERATURE

AIR TEMPERATURE	90° F°	70° F°	50° F°	
	32° C°	21° C°	10° C°	
70°	670	760	900	lbs.
21°	304	345	405	kg.
90°	545	645	740	lbs.
32°	247	292	335	kg.
100°	490	550	655	lbs.
38°	222	249	297	kg.

EC900 WATER-COOLED
WATER TEMPERATURE

AIR TEMPERATURE	90° F°	70° F°	50° F°	
	32° C°	21° C°	10° C°	
70°	620	680	825	lbs.
21°	281	308	374	kg.
90°	570	665	800	lbs.
32°	258	301	362	kg.
100°	560	665	790	lbs.
38°	254	301	358	kg.

OPTIONAL LEG KITS:

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot.

KLP2S: Nickel plated, brushed metal finish with stainless steel foot. Recommended for stainless steel cabinets.

KLP2E: Black enamel finish.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKEC900: Contains stainless steel sides, top and front panels.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating nameplate. Failures caused by improper voltage are not considered factory defects. Scotsman products are not designed for outdoor installations nor for installations where air temperatures fall below 50°F., or exceed 100°F.; nor where water temperatures fall below 40° F., or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in loss of warranty coverage.

PRODUCT WARRANTY

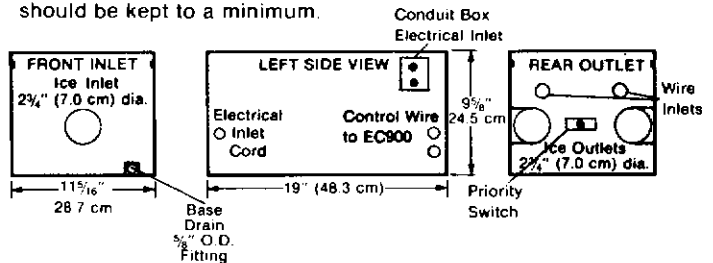
See Scotsman Manufacturer's Limited Warranty statement or contact your Scotsman dealer for details.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice.

OPTIONAL ICE TRANSPORT DIVERTER KIT:

DVK905: Diverts ice to either of two locations. Contains diverter assembly and bin thermostats.

NOTE: Maximum tube length from EC900 outlet to the DVK905 inlet is 6 ft. Any tubing bends must maintain a 9" radius and should be kept to a minimum.



Model No.	Dimensions H" x W" x D"	Basic Elec.	Run. Amps.	Max. Oper. Amps.	No. of Wires	Max. Fuse Size	Shpg. Wt. lbs./kg.
DVK905	9 5/8 x 11 1/16 x 19	115/60/1	2.5	2.5	3	15	27/12

OPTIONAL TUBE TRANSPORT KITS:

Nylobrade tubing **CANNOT** be spliced together. Order the kit or kits that exceed the required transport distance and cut-off the unnecessary length of tubing.

KTX25: Includes 25 feet of Nylobrade tubing.

KTX50: Includes 50 feet of Nylobrade tubing.

KTX100: Includes 100 feet of Nylobrade tubing.

Tubing must be supported along full length to avoid dips in tubing causing water deposits.

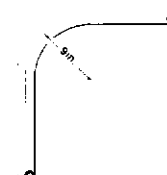
Tubing Insulation: All exterior nylobrade tubing must be insulated $\frac{1}{8}$ " wall, $\frac{1}{2}$ " I.D. Flexible foam insulation to be obtained locally. Recommended to minimize ice meltage.

EC900 BASIC TRANSPORTING CAPABILITIES

Vertically - Up to 20 ft.

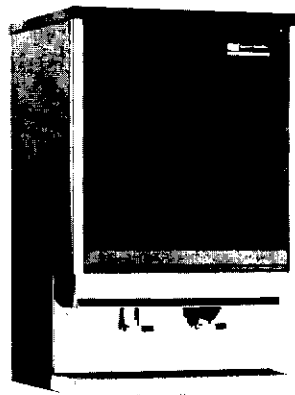
Horizontally - Up to 100 ft.

When installing tubing around corners, bends should have minimum radius of 9 in. Use natural curve of nylobrade tubing.



RPD100 remote cube dispenser

Mounts on top of EC900 Cuber, on DMS50 Stand, or on counter top.

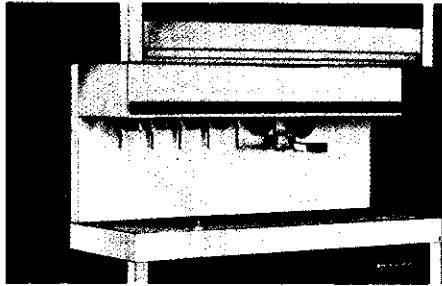


sanitary dispensing

Offers an inexhaustible supply of small, economical ice cubes, transported to the dispenser from up to 100 feet away.

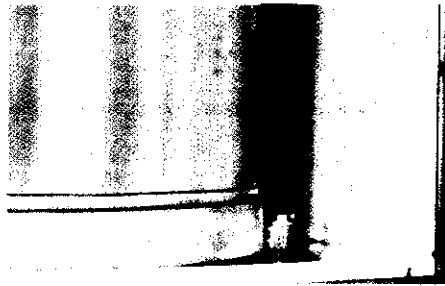
Separate glass fillers provide ice from one and water from the other. The RPD100 delivers 3 ounce vends; however, two kits are available to change vend portions to 2 ounce vends or 4 ounce vends.

Ice meltage is held to a minimum because the cabinet is completely foam insulated. For servicing, the front panel comes off by simply taking out two screws and the 90 pound capacity bin can be removed without the use of tools.



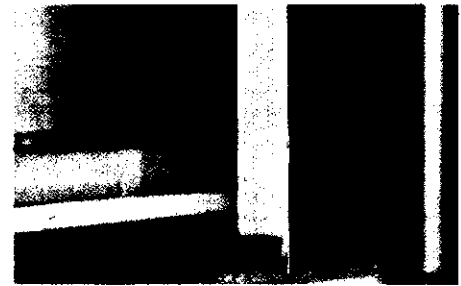
KV7E-30A DRINK HEAD KIT

The RPD100 was designed to accept 5 drink heads. A combination of four carbonated flavors and water and one non-carbonated flavor and water. Provides additional flexibility to the dispenser unit. Offers a wide selection of highly profitable soft drinks.



REMOVABLE BIN

The all stainless steel bin is completely removable without the use of tools. By removing two screws, the front panel can be taken off for access to bin. Unhooking the two luggage-type latches is all that's necessary to remove the bin for easy cleaning.

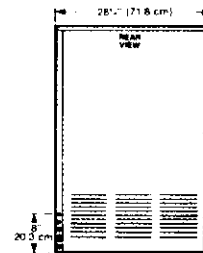
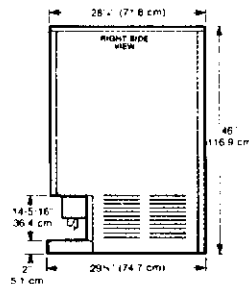


POLY FOAM INSULATION

Inside cabinet walls are molded of easy to clean ABS plastic. Poly foam insulation covers top, back and sides of the plastic shell. Front panel is also insulated with blown-in poly foam and the bottom is made of structurable foam. Metal panels form the cabinet's exterior.

NOTE:

When RPD100 Cube Dispenser is mounted directly onto EC900, remove EC900 top to maintain 36 inch counter height at dispenser sink.



RPD100 PLUMBING REQUIREMENTS

Potable Water Inlet:
3/8 inch O.D. Male Flare
Bin Drain:
5/8 inch O.D. Male Flare
Sink Drain:
7/8 inch O.D. Male Flare

SPECIFICATIONS

Model Number	(Height - w/o Legs) Dimensions H" x W" x D"	Bin Cap.	Ice Prod. Cap. 24 Hrs. *	Cube Size	Cond. Unit	Finish **	Basic Electrical	Comp. H.P.	Run. Amps.	Max. Oper. Amps.	No. of Wires	Min. Circuit Ampac- ity †	Max. Fuse Size	Shpg. Wt. lbs./kg.
RPD100E-1A	46 x 28 1/2 x 29 1/2	90 lbs.	-	1 1/2 sq.	-	EC	115/60/1	-	3.0	3.0	2	3.75	15	240/108

** (EC) Leathergrain embossed steel with high gloss, charcoal brown baked enamel finish and vinyl walnut woodgrain front panel.

† Use this value to determine minimum wire size as per National Electric Code Standards.

OPTIONAL ICE VEND KITS

KDPB2: Provides ice vends of 2 ounces.

KDPB4: Provides ice vends of 4 ounces.

OPTIONAL 5-DRINK HEAD KIT

KV73-30A: For use with RPD100 only.

Contains five drink heads for 4 carbonated flavors and water and 1 non-carbonated and water.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKPCD1: Contains stainless steel sides, top and front panels for the RPD100.

PRODUCT WARRANTY

See Scotsman Manufacturer's Limited Warranty statement or Contact your Scotsman dealer for details.

DMS50 MACHINE STAND

Height: 28" (71.1 cm) **Width:** 28 1/2" (72.4 cm) **Depth:** 29 1/2" (75.0 cm) top not included nor required for RPD100 mounting.
Shipping Wt.: 100 lbs. (50 kg)

Four metal legs screw into mounting plates on cabinet base. Provide 6" minimum height including adjustable leveling foot.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKDMS50: Contains stainless steel sides, front and back panels for the DMS50. No top required.

Scotsman Ice Systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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COMMERCIAL ICE SYSTEMS

QUEEN PRODUCTS DIVISION
KING-SEELEY THERMOS CO.
505 FRONT ST., ALBERT LEA, MN 56007

AS-374

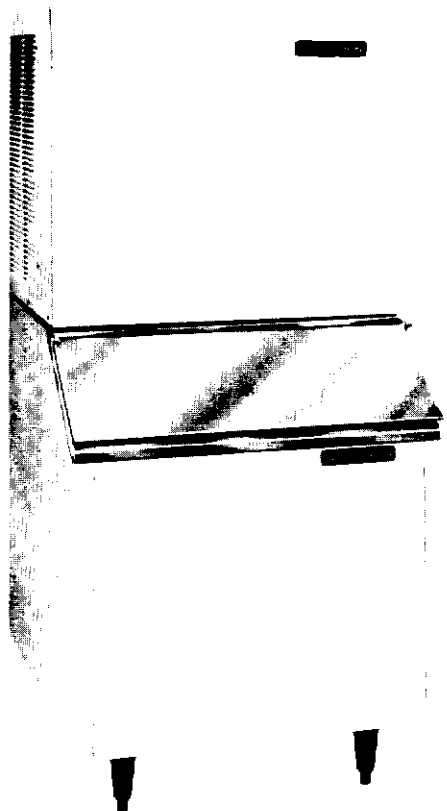
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SCOTSMAN

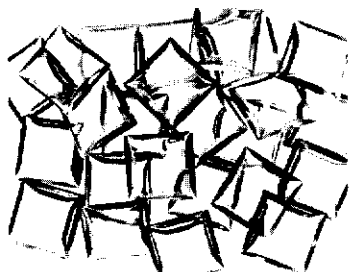
COMMERCIAL ICE SYSTEMS

CM500

115 Volt Slim Modular Contour Cuber



CM500 SHOWN ON HTB350 BIN



UNIQUE CUBE DESIGN

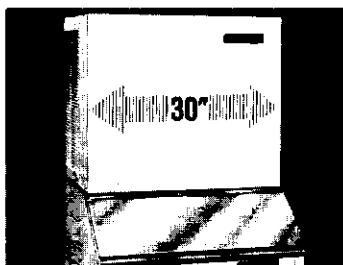
Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bars, full service restaurants or fast food operations.



CONTOUR

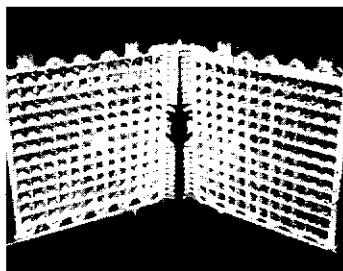
HIGH LIQUID DISPLACEMENT

Tested against competitive cubes, an accurate 1½ ounce liquid measurement was poured into three identical glasses. Our example shows you profit more with Scotsman Contour Cubes™.



SLIM 30" WIDTH

Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.



ENERGY EFFICIENT EVAPORATOR DESIGN

One set of freezing coils produces individual cubes on both sides of the evaporator plate. Cuts energy costs. Cubes harvest by gravity without moving parts.

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 505 lbs. of ice in 24 hours.
- Over 1,000 lbs. of ice daily in a space only 30" wide ... stacking two units.

NEW DESIGN CONCEPT —

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.

EASY TO SERVICE —

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hook-ups are external on rear panel.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area.

QUALITY ASSURANCE

Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

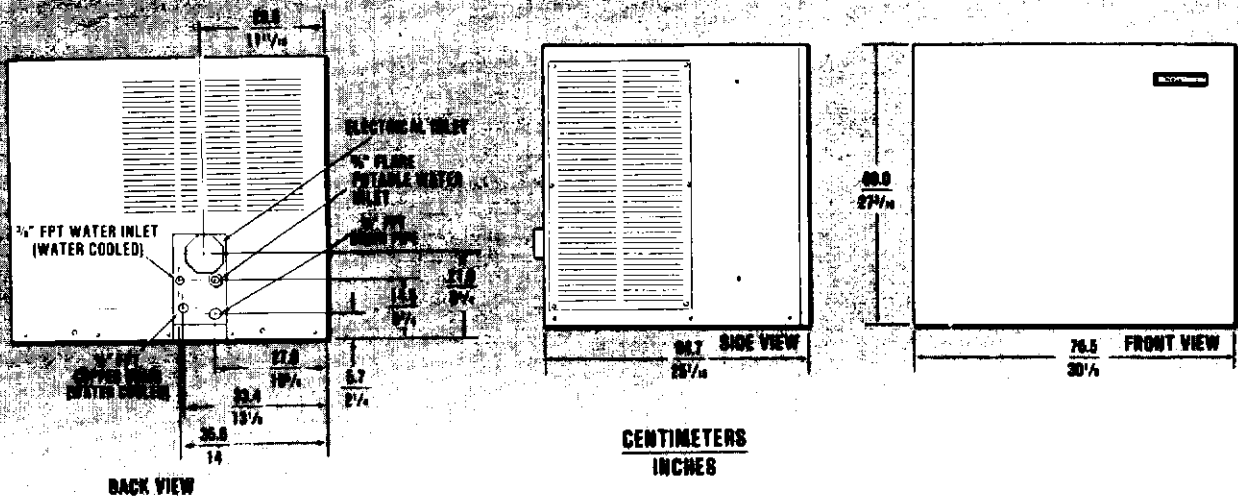
STRONGEST WARRANTY — SATISFACTION

See Dealer for details of Limited Warranty

- Exclusive 12 Month Factory Labor coverage.
- 24 Months on All Parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN ... WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

CM500 115V SLIM MODULAR CONTOUR CUBER



INSTALLATION NOTE: Allow 6" minimum space at sides and back for ventilation and utility connections.

This product qualifies for the following listings:



SPECIFICATIONS

Model	Dimensions (in)	Net Wt. (lbs)	Cube Size	Cond. Type	Finish	Base Electrical	Comp. H.P.	No. of Wires	Min. Circuit Ampacity †	Max. Fuse Size	Ship. Wt. (lbs./kg)
CM500AE-1C	27 1/2 x 30 3/4 x 25 7/16	470 lbs.	Contour	Air	ES	115/60/1	3/4	2	29.5	30	214/97
CM500WE-1C	27 1/2 x 30 3/4 x 25 7/16	505 lbs.	Contour	Water	ES	115/60/1	3/4	2	28.1	30	214/97

HTB350, BH500S and HTB500 Modular Bins — Use with CM500

HTB350 ***	29 1/2 x 30 x 31 1/2	350 lbs.			HTB						120/55
BH500S ***	40 1/2 x 30 x 31 1/2	500 lbs.			SS						158/72
HTB500 ***	41 x 30 x 31 1/2	500 lbs.			HTB						140/64

** (ES) Sandalwood, Leathergrain embossed steel with high gloss baked enamel finish. (HTB) Linear High Density Polyethylene - Sandalwood color.

† Use this value to determine minimum wire size as per National Electric Code Standards.

*** Machine overhangs bin approximately 1" at rear.

*ICE MAKING CAPACITY:

Typical production in lbs./kgs. of ice per 24 hours.

CM500A AIR-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				lbs.
	F°	50°	70°	90°	
70°	470	445	395		
90°	366	350	293		
100°	310	291	242		

CM500W WATER-COOLED

WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE				lbs.
	F°	50°	70°	90°	
70°	505	460	395		
90°	470	430	366		
100°	453	415	356		

Capacities are average test capacities and variances of ± 5% are normal.

OPTIONAL STAINLESS STEEL PANEL KIT

SPKCM650A contains top, front, 2 end and 2 service panels. Not factory installed.

REMOTE

A remote air-cooled condenser version of this machine is available. Refer to spec sheet for CM500R.

REFRIGERANT R502
Charge per nameplate rating.

IMPORTANT OPERATING REQUIREMENTS

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F., or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

SCOTSMAN

A HOUSEHOLD

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INTERNATIONAL COMPANY

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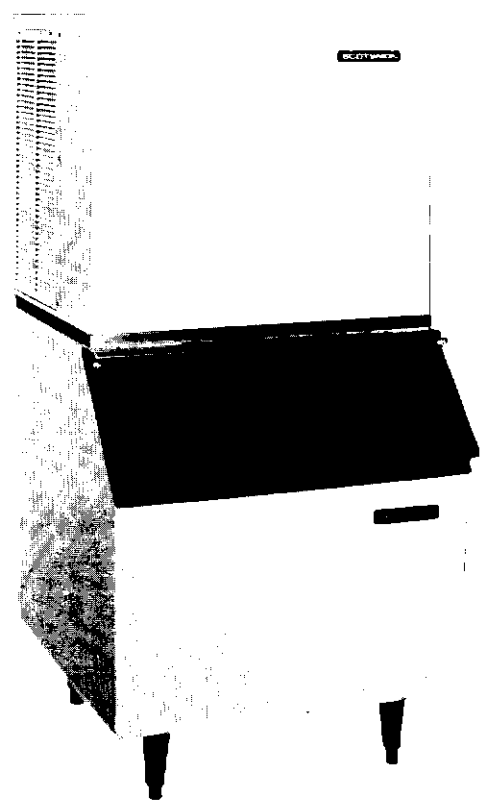
COMMERCIAL ICE SYSTEMS

CM500

115 Volt

Slim Modular

Contour Cuber



CM500 SHOWN ON HTB350 BIN

VOLUME PRODUCTION — LOWER OPERATING COSTS

- Up to 505 lbs. of ice in 24 hours.
- Over 1,000 lbs. of ice daily in a space only 30" wide ... stacking two units.

NEW DESIGN CONCEPT —

- No moving parts in ice making section.
- Field tested, proven reliability.
- Cubes are made on both sides of the evaporator plate.

EASY TO SERVICE —

- Convenient front service for cleaning, maintenance and adjustments.
- All electrical and plumbing hook-ups are external on rear panel.

THE CONTOUR CUBE SHAPE — HANDLING EASE

- No splashing, pour by hand or gun without spills.
- Highest possible displacement — nestling characteristics of Contour Cubes™ completely fill the glass.
- Self-leveling cubes make maximum use of storage area.

QUALITY ASSURANCE

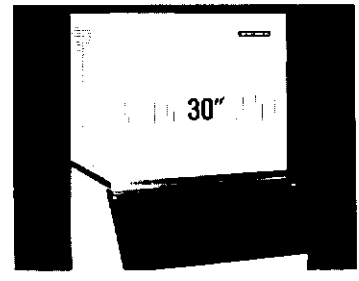
Start-up of every CM Contour Cuber™ is conducted before shipping, to insure that all mechanical systems perform properly.

WARRANTY — SATISFACTION

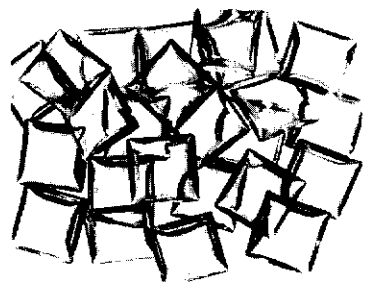
See Dealer for details of Limited Warranty.

- 24 Month Factory Labor coverage.
- 24 Months on all parts.
- 5 Years on Compressor and Evaporator.
- Directory of Certified Service Dealers.

**SCOTSMAN ... WORLD'S
LARGEST MANUFACTURER OF
COMMERCIAL ICE MACHINES!**

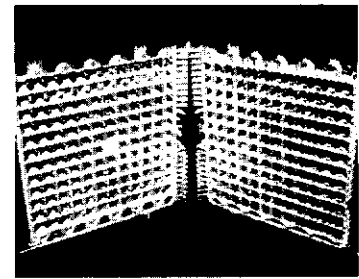


SLIM 30" WIDTH
Small cabinet size allows installation in many tight spaces where other units cannot fit. Saves space yet provides high production and convenient storage. Ideal for existing machine replacement or for new layout where space is scarce.



UNIQUE CUBE DESIGN
Curved surfaces avoid bridging, offer maximum liquid displacement, provide non-splash pouring. One cube that's perfect for bars, full service restaurants or fast food operations.

HIGH LIQUID DISPLACEMENT
Through the use of contour cubes instead of other cubes you can pour a 1 1/4 oz. shot of liquor rather than a 1 1/2 oz. shot and still maintain the same liquor/mix ratio ... still give the same customer-pleasing drink.



ENERGY EFFICIENT EVAPORATOR DESIGN
One set of freezing coils produces individual cubes on both sides of the evaporator plate. Cuts energy costs. Cubes harvest by gravity without moving parts.