PRODIGY PLUS

C1030 - 1000lb Cube Ice Machine
Prodigy Plus® Modular Cube Ice Machine

The world's smartest cuber.

As the world's only self-monitoring cuber, the new Scotsman Prodigy Plus® cube ice machines make it easier than ever to maintain your equipment and save money. Whether it's the advanced ice level control or an optional feature board for quick diagnostics, this is ice-making re-imagined. And with intuitive technology like AutoAlert™ indicator lights, a reduced operational footprint and easy-access service from the front panel, Prodigy Plus® cubers are simply the smartest, most reliable way to create fresh-tasting ice — every time.

The Prodigy Plus® difference.

- AutoAlert™ indicator lights for better visibility
- Operational footprint among the industry's smallest
- Industry-exclusive QR code instantly connects users to service information and warranty history
- One-touch cleaning reduces labor costs and saves time
- Front-located air filter for more efficient operation
- Self-aligning front panel for easy access to key components
- Patented WaterSense purge control automatically reduces scale buildup
- Patented Harvest Assist efficiently moves cube ice to the bin
- Smart-Board™ advanced feature module available for additional diagnostic capabilities
- Optional Vari-Smart™ ice level control allows operators to customize ice levels
- Antimicrobial protection guards internal surfaces between cleanings
- A full range of water- and energy-saving features

B842S

B948S

BH1100BB
BH1100SS

24 Hour Volume Production

Air Cooled			Remote			Water Cooled		
70˚F/21˚C 50˚F/10˚C	Air Water	90˚F/32˚C 70˚F/21˚C	70˚F/21˚C 50˚F/10˚C	Air Water	90˚F/32˚C 70˚F/21˚C	70˚F/21˚C 50˚F/10˚C	Air Water	90˚F/32˚C 70˚F/21˚C
1077/490 lb/kg		789/359 lb/kg	996/453 lb/kg		820/373 lb/kg	996/453 lb/kg		908/413 lb/kg

Modular Bin Options

Model Number*	Dimensions W" x D" x H"	AHRI Certified Bin Capacity lb/kg	Finish	Ship Weight lb/kg
B842S	42 x 34 x 44**	610/277	Metallic	150/68
B948S	48 x 34 x 44**	700/319	Metallic	150/68
BH1100BB	48 x 34 x 50**	860/390	SS w/ GBB†	185/84
BH1100SS	48 x 34 x 50**	860/390	Stainless Steel	185/84

* Contact Scotsman for bin top requirements. ** Add 6" Height for bin legs.
† Stainless steel with galvanized back & bottom.

Cube Ice

Common ice form, ideal for mixed drinks.

Small Cube
7/8" x 7/8" x 3/8"
(2.22 x 2.22 x .95 cm)

Medium Cube
7/8" x 7/8" x 7/8"
(2.22 x 2.22 x 2.22 cm)

Certification

NAFEM DATA PROTOCOL COMPLIANT

E.S. EVERY SCOTSMAN EXCEEDING STANDARDS 2018 DOE

DESIGNED ENGINEERED ASSEMBLED THE USA

AHRI CERTIFIED Automatic Commercial Ice-Makers AHRI Standard 810

REVIT by Scotsman

ENERGY STAR

CERTIFIED ISO 9001:2008
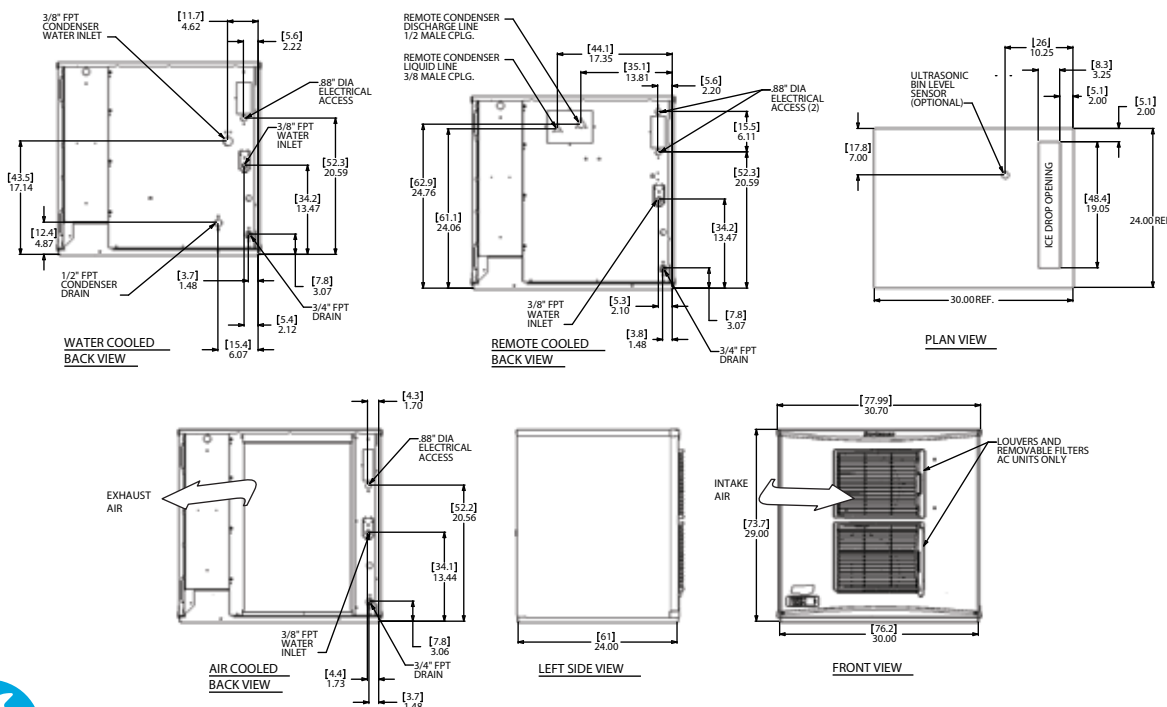
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Warranty

- 3 years parts and labor on all components.
- 5 years parts and labor on the evaporator.
- 5 years parts on the compressor and condenser.
- Warranty valid in North, South & Central America for commercial installations.
- Contact factory for warranty in other regions.

Scotsman®

C1030 - 1000lb Cube Ice Machine

3/8" FPT CONDENSER WATER INLET — [11.7] 4.62 — [5.6] 2.22 — .88" DIA ELECTRICAL ACCESS — 3/8" FPT WATER INLET — [52.3] 20.59 — [43.5] 17.14 — [34.2] 13.47 — [12.4] 4.87 — 1/2" FPT CONDENSER DRAIN — [3.7] 1.48 — [7.8] 3.07 — [5.4] 2.12 — 3/4" FPT DRAIN — [15.4] 6.07

WATER COOLED BACK VIEW

REMOTE CONDENSER DISCHARGE LINE 1/2 MALE CPLG. — REMOTE CONDENSER LIQUID LINE 3/8 MALE CPLG. — [44.1] 17.35 — [35.1] 13.81 — [5.6] 2.20 — .88" DIA ELECTRICAL ACCESS (2) — [15.5] 6.11 — [62.9] 24.76 — [61.1] 24.06 — [52.3] 20.59 — [34.2] 13.47 — 3/8" FPT WATER INLET — [5.3] 2.10 — [3.8] 1.48 — [7.8] 3.07 — 3/4" FPT DRAIN

REMOTE COOLED BACK VIEW

ULTRASONIC BIN LEVEL SENSOR (OPTIONAL) — [26] 10.25 — [8.3] 3.25 — [5.1] 2.00 — [5.1] 2.00 — [17.8] 7.00 — ICE DROP OPENING — [48.4] 19.05 — 24.00 REF. — 30.00 REF.

PLAN VIEW

[4.3] 1.70 — .88" DIA ELECTRICAL ACCESS — EXHAUST AIR — [52.2] 20.56 — [34.1] 13.44 — 3/8" FPT WATER INLET — [7.8] 3.06 — [4.4] 1.73 — 3/4" FPT DRAIN — [3.7] 1.48

AIR COOLED BACK VIEW

[61] 24.00

LEFT SIDE VIEW

[77.99] 30.70 — LOUVERS AND REMOVABLE FILTERS AC UNITS ONLY — INTAKE AIR — [73.7] 29.00 — [76.2] 30.00

FRONT VIEW

Specifications

Model Number Cube Size: medium or small	Condenser Unit	Basic Electrical Volts/Hz/Phase	Max. Fuse Size or HACR Circuit Breaker (amps)	Circuit Wires	Min. Circuit Ampacity	Energy Consumption kWh/100 lb (45.4 kg) 90°F(32°C)/70°F(21°C)	Water Usage Gallons/100 lb (liters/45.4 kg) Potable 90°F(32°C)/70°F(21°C)	Condenser	Energy Star®
med. C1030MA-32	Air	208-230/60/1	15	2	12.2	4.83	18.0/68.2	-	✓
C1030MR-32	Remote	208-230/60/1	15	2	12.0	4.99	18.0/68.2	-	
C1030MW-32	Water	208-230/60/1	15	2	11.0	4.04	18.0/68.2	134.0/508.1	
C1030MR-3	Remote	208-230/60/3	15	3	9.6	4.99	18.0/68.2	-	
sm. C1030SA-32	Air	208-230/60/1	15	2	12.2	4.83	18.0/68.2	-	✓
C1030SR-32	Remote	208-230/60/1	15	2	12.0	4.99	18.0/68.2	-	
C1030SW-32	Water	208-230/60/1	15	2	11.0	4.04	18.0/68.2	153.0/508.1	
C1030SR-3	Remote	208-230/60/3	15	3	9.6	4.99	18.0/68.2	-	

All Models

Dimensions (W x D x H):

Unit: 30" x 24" x 29" (76.2 x 61.0 x 73.7 cm)

Shipping Carton: 33.5" x 27.5" x 34" (85.1 x 69.9 x 86.4 cm)

Shipping Weight: 235 lb / 107 kg

BTUs per hour: 16,200

Refrigerant: R-404A

Accessories

Model Number	Description
KVS	Vari-Smart™ Ice Level Control - *Program ice bin levels to match ice needs.*
KSBU	Smart-Board™ Advanced Control - *Use additional operational data for fast diagnosis.*
KSBU-N	Smart-Board™ Advanced Control with Network - *Network capable.*
ERC311-32	Remote condenser for C1030xR, 208-230/60/1 - *Consult remote condenser spec sheet for details*
RTE10	Line set, precharged, R-404A, 10ft.
RTE25	Line set, precharged, R-404A, 25ft.
RTE40	Line set, precharged, R-404A, 40ft.
RTE75	Line set, precharged, R-404A, 75ft.
KPAS	Prodigy Advanced Sustainability Kit - Includes KVS and KSBU - N
KPPSA329	Prodigy Plus® Side Air Flow Kit for C0830 and C1030

Scotsman recommends all ice machines have water filtration. See Scotsman water filter specification sheet for details.

Operating Requirements

	Minimum	Maximum
Air Temperatures	50°F (10°C)	100°F (38°C)
Water Temperatures	40°F (4.4°C)	100°F (38°C)
Remote Cond. Temps	-20°F (-29°C)	120°F (49°C)
Water Pressures	20 PSIG (1.4 bar)	80 PSIG (5.5 bar)
Electrical Voltage	-5%	+10%

Specifications and design are subject to change without notice.