

# **Scotsman**<sup>®</sup>

*Ice Systems*

Installation and User's Manual for  
Large Bins

**BL1048S, BL1360S, and BL1660S**



## Before you begin

After uncrating and removing all packing material, inspect the equipment for concealed shipping damage. If damage is found, notify the shipper immediately.



### Important cautions

- Avoid excessive tightening force when connecting to the bin drain fitting.
- Do not apply excessive heat if any sweating of fittings is necessary. Heat conduction through metal may melt threads in plastic drain fitting.
- When leveling, do not extend any leg more than 1 in. (26mm) for total leg height no greater than 7.125 in. (181mm).

## Installation



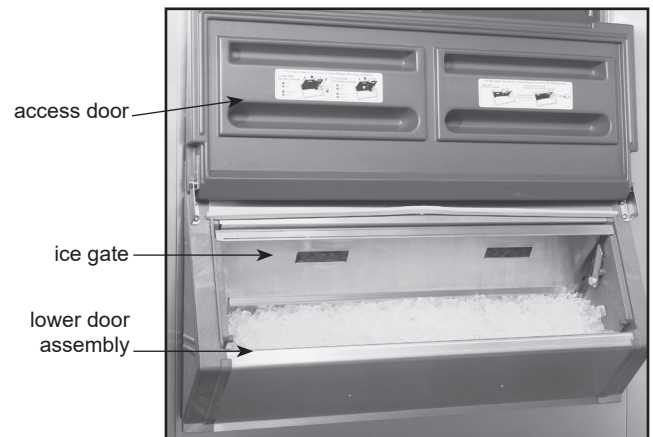
**WARNING: Cancer and Reproductive Harm**  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

1. Remove all packing material from bin.
2. Remove all tape and temporary fastenings from door assemblies and outside of bin.
3. Remove set of four legs and any other accessories packed inside bin.
4. Lay bin on back, being careful to protect finish, and remove bolts holding skid to bin.
5. Screw legs into tapped holes in bin bottom and tighten to seat legs well against bottom.
6. Set bin upright.
7. Configure bin top according to instructions.
8. Remove protective paper from stainless steel exterior.
9. Move bin to permanent location.
10. Adjust "foot" at bottom of each leg to level bin in both directions.
11. Mount ice machine(s) on bin in accordance with ice machine manufacturer's instructions.
12. Connect drain line to 1" FPT female fitting located in bottom of bin.
13. Make final connections to ice machine.

## Removing lower door assembly

(Only if required for access through narrow doors)

1. With door in closed position, remove Phillips head screw and washer from hinge area on each side of lower access door.
2. Insert screwdriver between door and hinge bracket on one side of door and gently push against bracket to provide room for door stud to clear bracket.
3. Remove access door.
4. Pull up on ice gate to remove.
5. Remove screws along top of door assembly.
6. Pull forward on top of assembly and lift to remove.



## Reinstalling door assembly

1. Reinstall lower door assembly in bin opening.
2. Reinstall screws in hood at top of door assembly.
3. Reinstall ice gate in side panel tracks and push down to seat.
4. With door in closed position, insert one door stud through hinge, bracket, install washer, screw and tighten.  
**Note:** For proper operation the access door must be reinstalled in the closed position.
5. On other side, insert screwdriver between door and hinge bracket and gently push against bracket to provide room for door stud to clear bracket.
6. Reinstall washer and screw in lift door and tighten.
7. Check door to ensure proper operation.

## Operation

### Ice gate operation

The ice gate positively controls the flow of ice into lower door assembly area for removal with either a scoop or shovel. The ice gate can also be adjusted and locked at one of several levels to accommodate flow characteristics of different types of ice.

Bin is shipped with ice gate in full down position. Ice gate can be raised and locked in higher position for better flow or when more access is needed.

#### If more ice is needed in lower door area:

1. Use full-length handle at top of ice gate to gently lift and jiggle ice gate to encourage ice to flow into access area of the bin (Fig. 2). (Loose ice will cascade into lower door area.)
2. When adequate ice has flowed, push ice gate back down.

#### When more access is needed or to encourage flow of less "slippery" ice:

1. Lock gate at higher level by pulling up and holding ice gate at correct level, and pushing tapered end of catch into nearest hole in gate (catch will automatically release when you pull up).
2. To release catch, pull up on ice gate.

### Using ice paddle tool accessory

*Ice paddle tool is an optional accessory that can be ordered directly from Scotsman.* If your bin has been ordered with ice paddle tool accessory, mount paddle for easy access on either side of bin in bracket provided.

### Using paddle

If there is adequate ice in bin but lower door area is not filled with ice, it may be that ice has congealed in bin and cannot flow. This can often be remedied by quickly jiggling Ice gate several times (**Fig. 2**). If problem continues, paddle tool can be inserted through rectangular openings in Ice gate and agitated back and forth to break up congealed ice mass (**Fig. 3**).

**Note:** Use paddle tool only as described above. To avoid possible injury, keep head and face clear of lower door area and tool at all times. Do not use paddle tool for other purposes.

Fig. 2

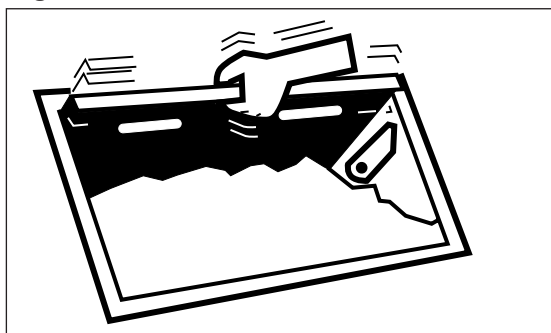
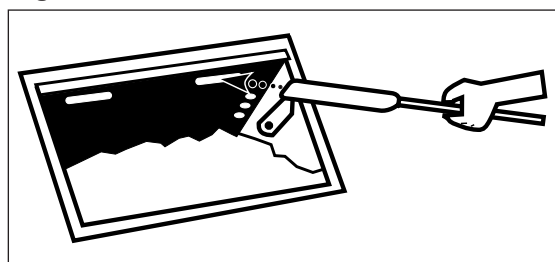


Fig. 3



## Cleaning

Interior of bin must be cleaned and sanitized prior to use and should be cleaned on routine basis during use.

### Interior bin care

Ice storage bins with ice gate are equipped with polyethylene liner walls and stainless steel bottoms which should be cleaned and sanitized periodically with any product suitable for use in a food zone.

**Important: Scotsman recommends installing a properly-sized, water filter on water supply to ice machine.**

1. Remove upper inspection windows by sliding windows to one side. Grasp the end of the front window and pull toward you as the window is slid to the opposite side. Repeat for rear window.



2. Wash bin walls, rinse and sanitize.

### Exterior bin care

Exterior stainless steel surfaces can be cleaned with a stainless steel cleaner.

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