



# MANITOWOC LB1760 Upright Ice Storage Bin Instruction Manual

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**MANITOWOC LB1760 Upright Ice Storage Bin**



## Installation Operation Maintenance

### Model Numbers

This manual covers the following models

Single Door Upright Ice Storage Bins		
30 inch wide	48 inch wide	60 inch wide
LB730	LB1448	LB1460
		LB1760

### 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

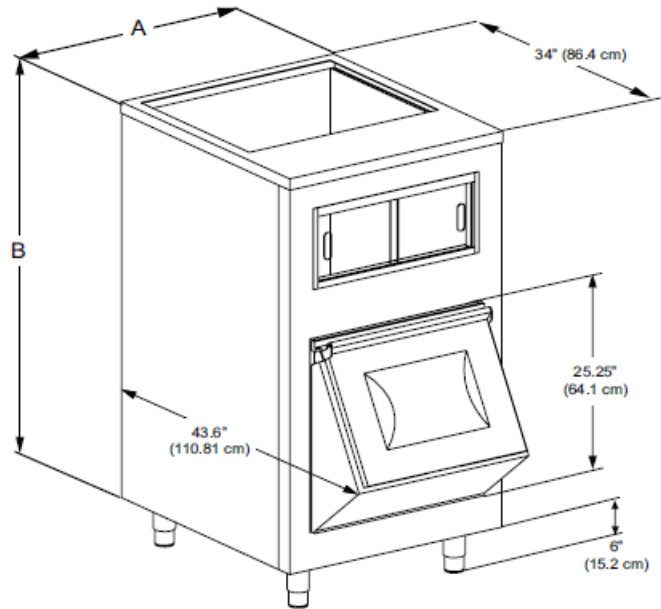
### Warning:

- Top is NOT fastened to bin. Be aware of this to avoid personal injury.
- Do not operate equipment that has been misused, abused, neglected, damaged, or altered/modified from that of original manufactured specifications.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision concerning use of the appliance by a person responsible for their safety.
- Do not allow children to play with, clean or maintain this appliance without proper supervision.
- All Manitowoc ice machines require the ice storage bin to incorporate an ice deflector.

- Refer to the sales price list to determine the correct adapter for your ice machine and bin installation.
- 30" large capacity ice storage bins must be attached to the wall.
- Avoid excessive tightening force when connecting to the bin drain fitting. Over tightening may cause damage. Do not apply excessive heat if any sweating of fittings is necessary. Heat conduction through metal may melt threads in plastic drain fitting.

### 30 Inch Bin Dimensions

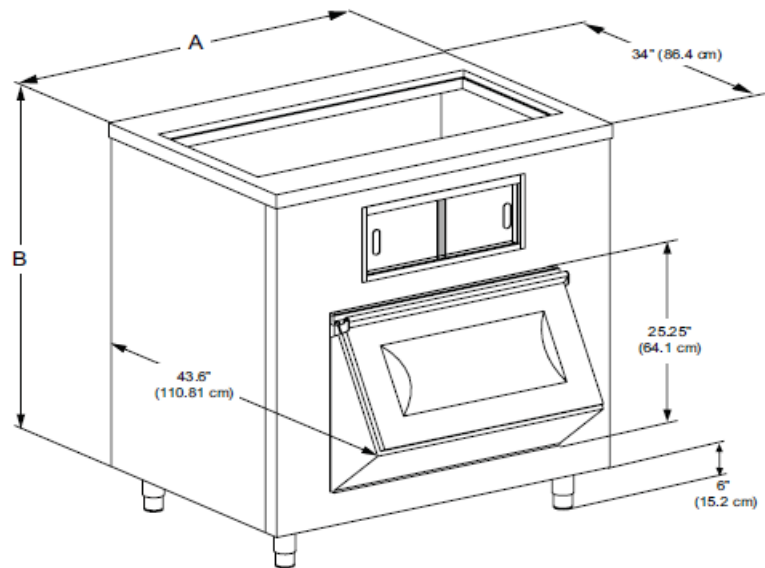
#### 30 Inch Bin Dimensions



Bin Model	Dimension A	Dimension B
LB730	30 in. (76 cm)	58 in. (147 cm)
The bin drain is exactly in the center of the bin.		

### 48 & 60 Inch Bin Dimensions

#### 48 & 60 Inch Bin Dimensions



Bin Model	Dimension A	Dimension B
LB1448	48 in. (122 cm)	55 in. (140 cm)
LB1460	60 in. (152 cm)	55 in. (140 cm)
LB1760	60 in. (152 cm)	58 in. (147 cm)
The bin drain is exactly in the center of the bin.		

## Installation Procedure

- Remove hardware kit from bin.
  - Legs
  - Pre-assembled snout door assembly
  - Primer
  - Silicone
  - Gasket (poly liners only)
- Remove bin top from bin (Do not remove the H frame from panel).
- Lay bin on back, being careful to protect finish, and remove bolts holding skid to bin.
- Screw legs into tapped holes in bin bottom and tighten to seat legs against bottom. Do not over tighten or remove the channels which are required as structural support.
- Set bin upright.
- Reinstall top onto bin.
- Remove protective paper from stainless steel exterior.
- Move bin to permanent location.
- Adjust "foot" at bottom of each leg to level bin in both directions.
- When provided install gasket on bin and mount ice machine(s) on bin in accordance with ice machine instructions.
- Connect drain line to 1" FPT female fitting located in bottom of bin.
 

**NOTE:** DO NOT twist or turn factory installed drain. If the seal is broken during installation use NSF approved silicone to re-seal before using bin (allow silicone to dry for full 24 hours before using)..
- Using the primer provided, clean the area around the opening and the flat surface of the snout.
- Place the top channel of the snout in the opening of the bin and push up to secure in place.
- Drop the bottom channel of the snout into the opening.
- Using the silicone provided, apply a generous amount around the inside AND outside perimeter of the snout.
- Smooth the silicone edge to create a thorough seal. An insufficient silicone seal will result in leaking.
- Allow silicone to dry for 24 hours before using the bin.
- Make the final connections to the ice machine.

## Drain Requirements

- Bin drain termination must have an air gap.
- Drain lines must have a 1.5 inch drop per 5 feet of run (2.5 cm per meter), and must not create traps.
- The floor drain must be large enough to accommodate drainage from all drains.
- Run separate bin and ice machine drain lines and insulate to prevent condensation.

## Baffle Operation

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

The baffle can be raised/lowered and locked to control flow or when more access is needed

### FOR MORE ICE

If more ice is needed in lower door area:

1. Release latches at each side of the baffle to gently lift and jiggle the baffle to encourage ice to flow into access area of the bin. (Loose ice will cascade into lower door area.)
2. When adequate ice has flowed, lower the baffle back down.

### FOR MORE ACCESS

When more access is needed or to encourage flow:

1. Lock baffle at a higher level by releasing the latches on each side and holding the baffle at correct level.
2. To lower release latches on each side of baffle, lower to position and release latches to lock in place.

## Accessories

K00499	48" Paddle
K00503	60" Paddle
K00500	37" Shovel

### Using the Ice Paddle Accessory

Ice paddle is an optional accessory. If your bin has been ordered with ice paddle, mount the paddle for easy access on either side of bin.

If there is adequate ice in bin but lower door area is not filled with ice, it may be that ice has congealed and will not flow. This can often be remedied by quickly raising/lowering the baffle several times (see preceding, Baffle Operation). If the problem continues, the ice paddle can be used to break up the congealed ice mass

**Warning:** Use the ice paddle 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 probe tool for other purposes.

## Cleaning Exterior of Bin

Exterior stainless steel surfaces can be cleaned with a mild soap and water solution or a stainless steel cleaner and polish.

### Cleaning and Sanitizing Bin Interior

Interior of bin must be cleaned and sanitized prior to use and must be cleaned on a routine basis during use. Ice storage bins must be descaled and sanitized every six months with Manitowoc Ice Machine Cleaner and Sanitizer.

**Caution:**

- Use only Manitowoc approved Ice Machine Cleaner/Descaler and Sanitizer for this application (Manitowoc Cleaner/Descaler part number 9405463 and Manitowoc Sanitizer part number 9405653). It is a violation of Federal law to use these solutions in a manner inconsistent with their labeling. Read and understand all labels printed on bottles before use.
- Wear rubber gloves and safety goggles (and/or face shield) when handling Ice Machine Cleaner or Sanitizer.
- 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.

<b>Solution Type</b>	<b>Water</b>	<b>Mixed With</b>
Descaler	1 gal. (4 L)	16 oz. (500 ml) cleaner/descaler

- Mix a solution of cleaner/descaler and warm water. Depending upon the amount of mineral buildup, a larger quantity of solution may be required. Use the ratio in the table below to mix enough solution to thoroughly descale all parts.
- Wash bin walls, hopper, access door and rinse all areas thoroughly with clean water.
- Mix a solution of sanitizer and warm water.

<b>Solution Type</b>	<b>Water</b>	<b>Mixed With</b>
Sanitizer	3 gal. (11 L)	2 oz. (60 ml) sanitizer

- Sanitize bin walls, hopper and access door plate. Use a spray bottle to liberally apply the solution. Do not rinse the sanitized areas.

**Before Calling For Service Checklist**

If a problem arises during operation of your ice storage bin, follow the checklist below before calling service. Routine adjustments and maintenance procedures are not covered by the warranty.

Problem	Possible Cause	To Correct
Water in bottom of bin	Drain incorrectly installed	Drain must be open side with an air gap and correct pitch
	Ice machine and bin do not have separate drains	Correct drain installation
	Water-cooled condenser and bin do not have separate drains	Correct drain installation
	Drain obstructed	Clear drain
Ice in bin does not drop	Baffle is incorrectly positioned	Readjust baffle
	Ice forming ice bridge	Breakup ice bridge with paddle. Verify water is not leaking from ice machine into bin.
Ice falls on floor when bin door is opened	Baffle is incorrectly positioned	Readjust baffle
Ice in bin is congealed and will not break up	Bin is not emptied on a regular basis	Empty bin to remove congealed ice regularly.  Verify water is not leaking from the ice machine into the bin.  If the issue is not resolved, install a thermostat to lower level of ice in bin to meet current usage.

## Warranty

For warranty information visit: [www.manitowocice.com/Service/Warranty](http://www.manitowocice.com/Service/Warranty)

- Warranty Coverage Information
- Warranty Registration
- Warranty Verification

Warranty coverage begins the day the ice machine is installed.

## WARRANTY REGISTRATION


Completing the warranty registration process is a quick and easy way to protect your investment. Scan the QR code with your smart device or enter the link in a web browser to complete your warranty registration.



[WWW.MANITOWOCICE.COM/SERVICE/  
WARRANTY#WARRANTY-REGISTRATION](http://WWW.MANITOWOCICE.COM/SERVICE/WARRANTY#WARRANTY-REGISTRATION)

Registering your product insures warranty coverage and streamlines the process if any warranty work is required.

**Documents / Resources**

	<p><a href="#">MANITOWOC LB1760 Upright Ice Storage Bin</a> [pdf] Instruction Manual LB1760, Upright Ice Storage Bin</p>
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