Operation

Touch Screen Features

The Indigo® NXT control panel offers a series of pressure-sensitive buttons and an interactive touchscreen.

Buttons

Power Button: Provides On/Off functions for the ice machine.

Lock/Unlock Button: Allows or prevents touchscreen navigation.

Cleaning Button: Initiates a de-scale or sanitize cycle. Refer to Section 4 for details.

Touchscreen

Home screen allows viewing of ice machine status, alerts and messages. Navigation with the touchscreen provides access to menu items, machine information, settings and alert logs. Setup and Energy Saver settings can be adjusted along with access to service and troubleshooting information.

NOTE: Touchscreen is to be activated with finger tips only.

Icons: Provide status indication and allow navigation by pressing the icon.

HOME SCREEN ICON DESCRIPTIONS

Icon	Description
Home 	Center portion of the screen displays the current condition of the ice machine - Making ice, bin full, program mode or machine off
Alert 	Alert icon with number of messages. Pressing this icon will display the alert log which will allow viewing and resetting of alerts
Message 	Notification icon with quantity of messages. Pressing this icon will display the routine maintenance reminder screen which will allow viewing and resetting of the reminder
Menu 	Menu icon will take you to the main menu
Information 	Information icon provides model and serial number, installation date and other information specific to the ice machine
Service Locator 	Provides contact information for your local service support - Default is the Manitowoc Ice website service locator
Lock/Unlock 	Indicates if screen is locked or unlocked
LuminIce® 	Only visible when a LuminIce® II accessory is connected. Blue S - Normal operation Red S - Replace bulb Red/Blue alternating - Incorrect bulb installed
Green Power Button 	This icon appears if the machine shuts off on Long Freeze or Long Harvest. To restart the machine press the Green Power Button on the diplay or by recycling power. This can only be done three times in a 24 hour period.

Performance Specifications

NOTE: The performance statistics are calculated based on the performance of the machine at 90 degree ambient temperature and 70 degree water temperature. The actual statistics may vary depending on your operating conditions.

Setup Wizard

Screens will automatically advance after a selection is made or press the right arrow to advance one screen, press left arrow to go back one screen. All settings can be accessed and changed without the wizard by using menu screen navigation.

Setup	Description
Press Power Button	The Power (ON/OFF) button is used to start/stop ice making.
Enter Model Number	Only visible if model number cannot be automatically identified. The ice machine will not start without model identification.
Select Language	Default is English. Scroll to select a different language.
Start Wizard	Setup wizard will guide ice machine programming.
Accessory Detection	Detects if Ice Level Sensor, LuminIce® II or iAuCS® are connected. Checkmark = yes - X = no
USB Setup	Only used when setup features have been transferred to a USB drive. Skip screen by selecting right arrow.
Configure Date and Time Formats	Select Month/Day/Year or Day/Month/Year. Select 12 hour or 24 hour time format.
Set Time	Use arrows to set local time.
Set Date	Use arrows to set date for your location.
Units	Select standard or metric.
Brightness	Configure screen brightness during normal operation.

Setup	Description
Ice Program	Program ice machine run times or press right arrow to skip this setup.
Cleaning Reminder	Set de-scale or sanitize reminder or press right arrow to skip.
iAuCS® Only when detected	Set frequency of operation.
Air Filter	Set to ON for self-contained air cooled models.
Water Usage	Factory default or Use less water for reverse osmosis systems or Use more water to improve clarity for unfiltered water
Water Filter	Select Yes or No, set reminder interval.
LuminIce® II Only when detected	12 month reminder is automatically set.
Ice Level Sensor Only when detected	Reminder to rotate the sensor from shipping to operational position.
Wizard Complete	Press right arrow or home icon to return to home screen.

Menu Screen Navigation

Select SETTINGS Icon from the Home Screen to access Main Menu screen.

Energy	Service	Settings	Reset Defaults
Ice Program	Data	Language	Require Setup Wizard
Water Usage	Alert Log	Reminders	Backup Current Settings
Statistics	Manual Harvest	Time & Date	Reset To Factory Defaults
	Control Board Replacement	Units	
	Diagnostics	Brightness	
	Contact Information	USB	
	USB	*iAuCS®	
	*iAuCS®		
	*Prime iAuCS® Pump		
* Only visible when this optional accessory is installed			

Ice Making Sequence of Operation

The power button must be depressed and the water curtain/ice dampers must be in place on the evaporator before the ice machine will start.

Water Purge Cycle

The ice machine purges any remaining water from the water trough down the drain.

Prechill Cycle

The refrigeration system cools the evaporator before the water pump is energized.

Freeze Cycle

Water flows across the evaporator and the refrigeration system chills the evaporator. Ice builds on the evaporator and the freeze cycle continues until the ice thickness probe senses a sheet of ice has formed. The ice thickness probe signals the control board to start a harvest.

Harvest Cycle

Any remaining water is purged down the drain as refrigerant gas warms the evaporator. When the evaporator warms, the sheet of cubes slides off the evaporator and into the storage bin. If all cubes fall clear of the water curtain (or ice damper) the ice machine starts another freeze cycle.

Off Cycle

If the water curtain or ice damper are held open by ice cubes the ice machine shuts off. When the water curtain or ice damper closes, the ice machine starts a new cycle at the water purge.

Control Board Timers

The control board has the following nonadjustable timers:

- The ice machine control board will set its own install date after 100 freeze and harvest cycles.
- The ice machine is locked into the freeze cycle for 6 minutes before a harvest cycle can be initiated.
- The maximum freeze time is 35 minutes at which time the control board automatically initiates a harvest sequence.
- The maximum harvest time is 7 minutes, the control board will perform a water thaw cycle and then return the ice machine to the freeze cycle.

Service Faults

Service Faults are stored and indicated by the control board after three cycles. The number of cycles required to stop the ice machine varies for each Service Fault.

- Long Freeze Cycle - If the freeze time reaches 35 minutes, the control board automatically initiates a harvest cycle. If 6 consecutive 35 minute freeze cycles occur, the ice machine stops.
- Long Harvest Cycle - If the harvest time reaches 7 minutes, the control board automatically returns the ice machine to the freeze cycle. After 3 consecutive long harvest cycles the ice machine stops.

Refer to Section 5 if you receive an alert for Service Fault E01 or E02.

Safe Operation Mode

Allows the ice machine to operate up to 72 hours if the ice thickness probe and/or water level probe sensors fail.

- When the control board starts the safe mode, an alert is flashed on the display to notify the end-user they have a production problem.
- The control board automatically initiates and monitors the safe mode. The control will automatically exit the safe mode if a normal signal is received from the input.

• After 72 consecutive hours, the control board will enter a standby mode and turn off.

NOTE: When the ice machine is first powered up or there is a power loss and restarted, a water fill time array will be used in calculating the average of the five cycles.

Water Assist Harvest

When the damper/curtain does not open within 3.5 minutes in the harvest cycle the following occurs:

• 3.5 minutes - The water inlet valve energizes until water touches the high water level probe.

• 4 minutes - The water pump energizes.

• 6.5 to 7 minutes - The water dump valve energizes.

Water Thaw Cycle

When the damper/curtain does not open during the 7 minute harvest cycle the following water thaw cycle occurs:

• 7 minutes - The compressor, harvest solenoid valve and dump valve de-energize.

1. The water pump remains energized and the water inlet valve energizes until water touches the high water level probe.

2. Water is circulated over the evaporator.

3. Water is circulated, dumped and refilled to the high water level probe for approximately 1 hour.

• At the end of the thaw cycle the ice machine will start another freeze cycle (approximately 1 - 1.75 hour).

Minimum/Maximum Slab Weight

Adjust ice thickness to meet chart specifications.

Model	Minimum Ice Weight Per Cycle lbs Grams	Maximum Ice Weight Per Cycle lbs Grams
IF0300 IT0300	2.40 lbs 1089 grams	2.80 lbs 1270 grams
IT0420 IT0450 IT0620C	3.40 lbs 1542 grams	3.90 lbs 1769 grams
IT0500 IF0500 IP0500	4.60 lbs 2087 grams	5.20 lbs 2359 grams
IF0600 IT0750	4.12 lbs 1869 grams	4.75 lbs 2155 grams
IBF0820C	5.75 lbs 2608 grams	6.50 lbs 2948 grams
IF0900 IT0900	6.20 lbs 2812 grams	7.20 lbs 3266 grams
IT1200 IBT1020C	7.50 lbs 3402 grams	8.20 lbs 3719 grams
IF1400C	12.00 lbs 5443 grams	14.00 lbs 6350 grams
IT1500	13.20 lbs 4649 grams	14.80 lbs 5216 grams
IF1800C	15.5 lbs 7031 grams	16.75 lbs 7598 grams
IT1900	13.20 lbs 5987 grams	14.80 lbs 6713 grams
IF2100C	16.00 lbs 7257 grams	17.25 lbs 7824 grams

Notice Routine adjustments and maintenance procedures are not covered by the warranty.

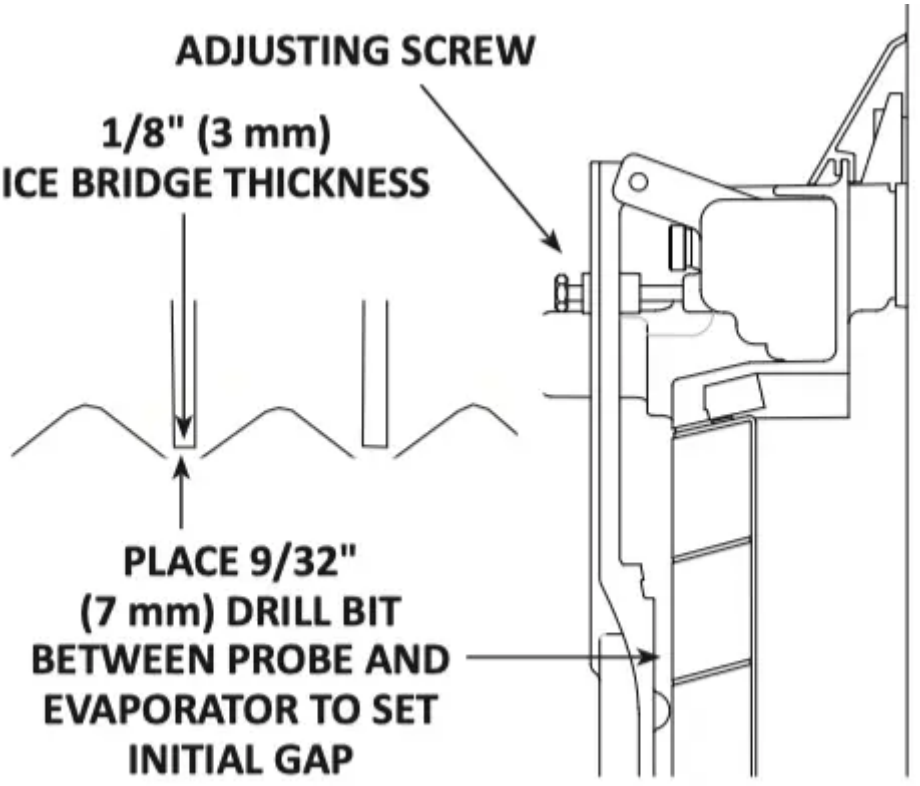
Ice Thickness Check

After a harvest cycle, inspect the ice cubes in the ice storage bin. The ice thickness probe is factory-set to maintain the ice bridge thickness at 1/8" (3 mm).

NOTE: Make sure the water curtain is in place when performing this check. It prevents water from splashing out of the water trough.

1. Inspect the bridge connecting the cubes. It must be approximately 1/8" (3 mm) thick.
2. If adjustment is necessary, turn the ice thickness probe adjustment screw clockwise to increase bridge thickness, counterclockwise to decrease bridge thickness. Set a 9/32" (7 mm) gap between ice thickness probe and evaporator as starting point, then adjust to achieve a 1/8" (3 mm) bridge thickness.

NOTE: Turning the adjustment one-third of a turn will change the ice thickness about 1/16" (1.5 mm).



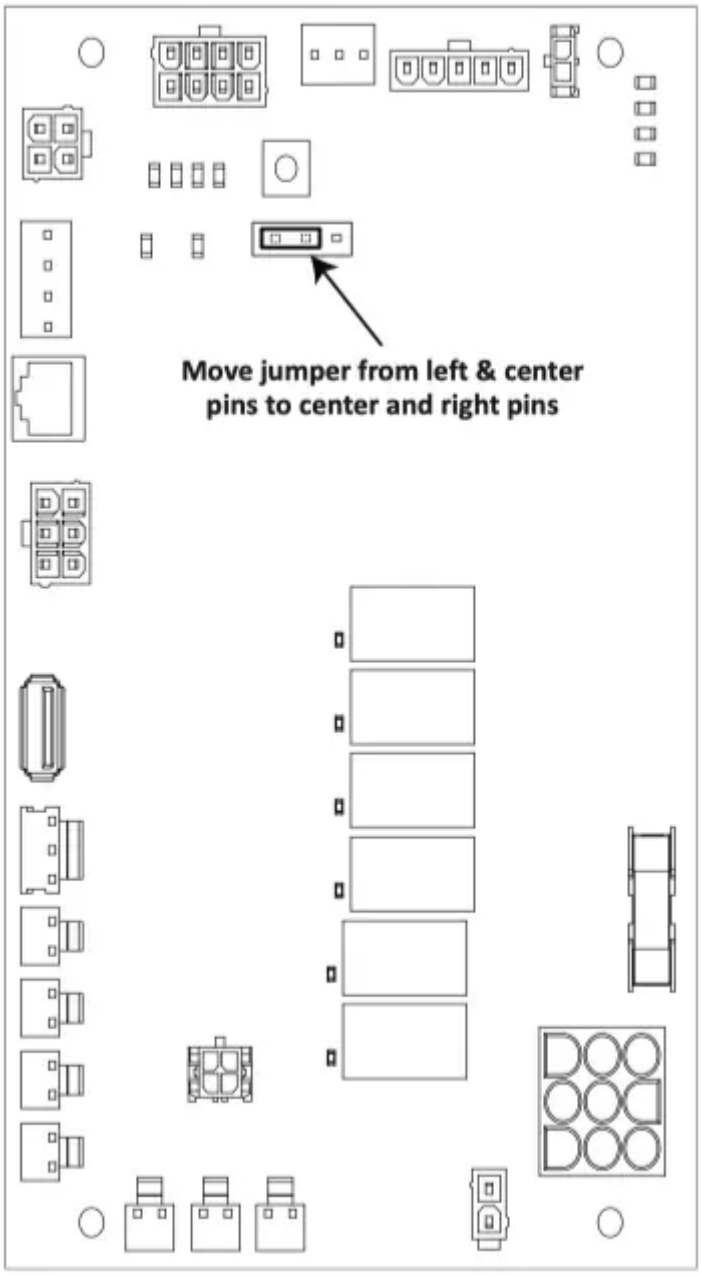
Verify the ice thickness probe wire doesn’t restrict probe movement.

Reverse Osmosis or Deionized Water Usage

When using water with low total dissolved solid content (low TDS) the water level probe sensitivity can be increased by moving the jumper over one pin.

The Electronic Control Board diagram shows the default position of the jumper covering the left and center pins. Moving the jumper to the center and right pins and enabling R.O. menu “Use less

water with reverse osmosis" (Settings/Energy/ Water Usage/Use Less Water With Reverse Osmosis) will increase the sensitivity of the water level probe.



Maintenance

De-scaling and Sanitizing

General

You are responsible for maintaining the ice machine in accordance with the instructions in this manual. Maintenance procedures are not covered by the warranty.

De-scale and sanitize the ice machine every six months for efficient operation. If the ice machine requires more frequent de-scaling and sanitizing, consult a qualified service

company to test the water quality and recommend appropriate water treatment. An extremely dirty ice machine must be taken apart for de-scaling and sanitizing.

Manitowoc Ice Machine De-scaler and Sanitizer are the only products approved for use in Manitowoc ice machines.

Ice Machine Inspection

Check all water fittings and lines for leaks. Also, make sure the refrigeration tubing is not rubbing or vibrating against other tubing, panels, etc.

Do not put anything (boxes, etc.) in front of the ice machine. There must be adequate airflow through and around the ice machine to maximize ice production and ensure long component life.

Exterior Cleaning

Clean the area around the ice machine as often as necessary to maintain cleanliness and efficient operation.

Wipe surfaces with a damp cloth rinsed in water to remove dust and dirt from the outside of the ice machine. If a greasy residue persists, use a damp cloth rinsed in a mild dish soap and water solution. Wipe dry with a clean, soft cloth.

The exterior panels have a clear coating that is stain resistant and easy to clean. Products containing abrasives will damage the coating and scratch the panels.

- Never use steel wool or abrasive pads for cleaning.
- Never use chlorinated, citrus based or abrasive cleaners on exterior panels and plastic trim pieces.

Remedial De-scaling Procedure

- This procedure de-scales all components in the water flow path, and is used between the bi-yearly detailed de-scaling and sanitizing procedure.

Detailed De-scaling/Sanitizing Procedure

This procedure must be performed a minimum of once every six months.

- The ice machine and bin must be disassembled de-scaled and sanitized.
- All ice produced during the de-scaling and sanitizing procedures must be discarded.

Caution

Use only Manitowoc approved Ice Machine De-scaler and Sanitizer for this application (Manitowoc De-scaler 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.

Detailed De-scaling and Sanitizing Procedure

Ice machine De-scaler is used to remove lime scale and mineral deposits. Ice machine sanitizer disinfects and removes algae and slime.

NOTE: Although not required and dependent on your installation, removing the ice machine top cover may allow easier access.

Step 1 Open the front panel to access the evaporator compartment. Ice must not be on the evaporator during the de-scaling/ sanitize cycle. Follow one of the methods below:

- Press the power switch at the end of a harvest cycle after ice falls from the evaporator(s).
- Press the power switch and allow the ice to melt.

Notice

Never use anything to force ice from the evaporator. Damage may result.

Step 2 Remove all ice from the bin/ dispenser.

Step 3 Press the Clean button and select “Turn off when complete”. Water will flow through the water dump valve and down the drain. Wait approximately 1 minute until the water trough refills and the display indicates Add Chemical. Add the proper amount of ice machine de-scaler to the water trough by pouring between the water curtain and evaporator, then confirm the chemical was added.

Caution

Do not mix De-scaler and Sanitizer solutions together. It is a violation of Federal law to use these solutions in a manner inconsistent with their labeling.

Warning

Wear rubber gloves and safety goggles (and/or face shield) when handling Ice Machine De-scaler or Sanitizer.

Model	Amount of De-scaler
IF0300/IT0300/IP0320 IT0420/IT0620	3 oz (90 ml)
IT0450/IT0500/IF0500 IP0500/IF0600/IF0600C IT0750/IF0900/IF0900C IT0900/IT1200/IT1200C	5 oz (150 ml)
IBF0620C/IBF0820C IBT1020C	5 oz (150 ml)
IF1400C/IT1500 IF1800C/IT1900/IF2100C	9 oz (265 ml)

Step 4 Wait until the cycle is complete (approximately 24 minutes). Then disconnect power to the ice machine (and dispenser when used).

Warning

Disconnect the electric power to the ice machine at the electric service switch box.

Step 5 Remove parts for de-scaling.

Notice

Refer to parts removal page 48. Continue with Step 6 when the parts have been removed.

Step 6 Mix a solution of de-scaler and lukewarm 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 de-scale all parts.

Solution Type	Water	Mixed With
De-scaler	1 gal (4 L)	16 oz (475 ml) de-scaler

Step 7 Use half of the de-scaler & water mixture to de-scale all components. Use caution not to expose electrical connectors to liquid and soak parts for 5 minutes (15 - 20 minutes for heavily scaled parts). The solution will foam when it contacts lime scale and mineral deposits; once the

foaming stops, use a soft-bristle nylon brush, sponge or cloth (NOT a wire brush) to carefully de-scale the parts. When de-scaling is complete rinse all removed components with clean water

Step 8 While components are soaking, use half of the solution to de-scale all food zone surfaces of the ice machine and bin (or dispenser). Use a nylon brush or cloth to thoroughly de-scale the following ice machine areas:

- Side walls
- Base (area above water trough)
- Evaporator plastic parts - including top, bottom and sides
- Bin or dispenser

Rinse all areas thoroughly with clean water.

SANITIZING PROCEDURE

Step 9 Mix a solution of sanitizer and lukewarm water.

Solution Type	Water	Mixed With
Sanitizer	3 gal (12 L)	2 oz (60 ml) sanitizer

Step 10 Use half of the sanitizer/ water solution to sanitize all removed components. Fill a spray bottle and use caution not to expose electrical connectors to liquid and liberally apply the solution to all surfaces of the removed parts or soak the removed parts in the sanitizer/water solution. Do not rinse parts after sanitizing.

Step 11 Use half of the sanitizer/water solution to sanitize all food zone surfaces of the ice machine and bin (or dispenser). Use a spray bottle to liberally apply the solution. When sanitizing, pay particular attention to the following areas:

- Side walls
- Base (area above water trough)
- Evaporator plastic parts - including top, bottom and sides
- Bin or dispenser

Do not rinse the sanitized areas.

Step 12 Replace all removed components back into their original configuration and wait 20 minutes.

Notice

When re-installing the water level probe, ensure the rubber gasket is sealed against the base of the ice machine and that any electrical connectors or wires remain free from moisture.

Step 13 Press the Clean button and select “Make ice when complete”. Water will flow through the water dump valve and down the drain. Wait approximately 1 minute until the water trough refills and the display indicates Add Chemical. Add the proper amount of ice machine sanitizer to the water trough by pouring between the water curtain and evaporator, then confirm the chemical was added.

Model	Amount of Sanitizer
IF0300/IT0300/IP0320 IT0420/IT0450 IT0500/IF0500/IP0500 IF0600/IF0600C/IT0620 IBF0620C/IT0750/IBF0820C IF0900/IF0900C IT0900/IT1200/IT1200C	3 oz (90 ml)
IBT1020C	3.5 oz (104 ml)
IT1500/IT1900	6 oz (180 ml)
IF1400C/IF1800C/IF2100C	12 oz (355 ml)

Step 14 Close and secure the front panel. The ice machine will automatically start ice making after the sanitize cycle is complete (approximately 24 minutes).

Parts Removal for Detailed De-scaling and Sanitizing

Single evaporator is shown; Each evaporator will have a distribution tube and water curtain/ damper.

Notice

Electrical connector exposed to any liquids.

A. Remove the water curtain(s)

- Gently flex the curtain in the center and remove it from the right side.
- Slide the left pin out.

B. Remove the ice thickness probe

- Compress the hinge pin on the top of the ice thickness probe.
- Pivot the ice thickness probe to disengage one pin then the other. The ice thickness probe can be de-scaled and sanitized at this point without complete removal. If complete removal is desired, disconnect the ice thickness control wiring from the control board.

C. Remove the water trough and water diverter from the bottom of the evaporator.

- Depress tabs on right and left side of the water trough.
- Allow front of water trough to drop as you pull forward to disengage the rear pins.
- Loosen thumbscrew on left side of water diverter tray.
- Allow left side of tray to drop as you pull the tray to the left to slide the right pin out.

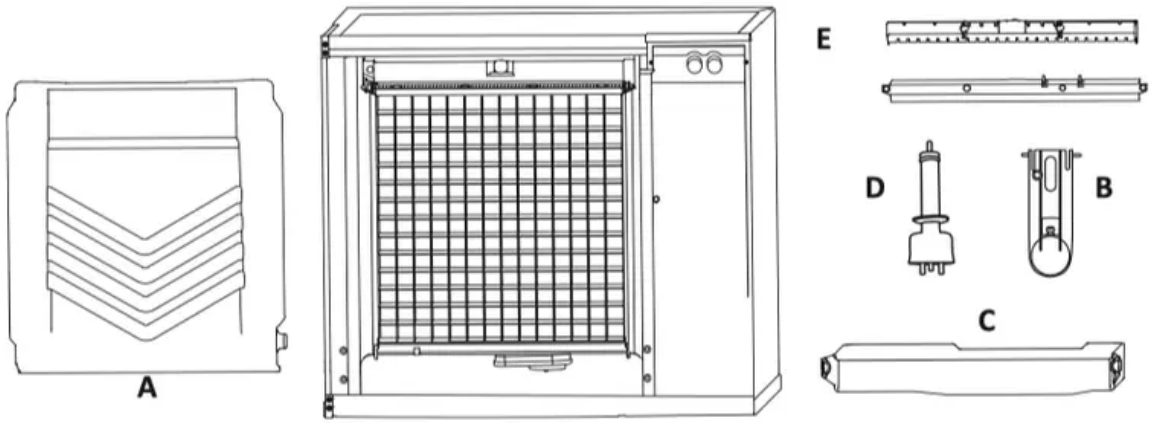
D. Remove the water level probe

- Pull the water level probe straight down to disengage.
- Lower the water level probe until the wiring connector is visible.
- Disconnect the wire lead from the water level probe.
- Remove the water level probe from the ice machine.

E. Remove the water distribution tube(s)

NOTE: Thumbscrews for the distribution tube are retained to prevent loss. Loosen thumbscrews, but do not pull thumbscrews out of distribution tube.

- Loosen the two outer screws (do not remove screws completely because they are retained to prevent loss) and pull forward on the distribution tube to release from slip joint.
- Disassemble distribution tube by loosening the two (2) middle thumbscrews and dividing the distribution tube into two pieces.



Remedial De-scaling Procedure

This procedure de-scales all components in the water flow path, and is used to de-scale the ice machine between the bi-yearly detailed de-scaling and sanitizing procedure.

Ice machine de-scaler is used to remove lime scale and mineral deposits. Ice machine sanitizer disinfects and removes algae and slime.

NOTE: Although not required and dependent on your installation, removing the ice machine top cover may allow easier access.

Step 1 Ice must not be on the evaporator during the de-scale/sanitize cycle. Follow one of the methods below:

- Press the power switch at the end of a harvest cycle after ice falls from the evaporator(s).
- Press the power switch and allow the ice to melt.

Notice

Never use anything to force ice from the evaporator. Damage may result.

Step 2 Open the front panel to access the evaporator.

Step 3 Press the Clean button and select “Make ice when complete”. Water will flow through the water dump valve and down the drain. Wait approximately 1 minute until the water trough refills and the display indicates Add Chemical. Add the proper amount of ice machine de-scaler to the water trough by pouring between the water curtain and evaporator, then confirm the chemical was added.

Model	Amount of De-scaler
IF0300/IT0300/IP0320 IT0420/IT0620	3 oz (90 ml)
IT0450/IT0500 IF0500/IP0500 IF0600/IF600C IT0750/IF0900 IF0900C/IT0900 IT1200/IT1200C	5 oz (150 ml)
IBF0620C/IBF0820C IBT1020C	5 oz (150 ml)
IF1400C/IT1500 IF1800C IT1900/IF2100C	9 oz (265 ml)

Step 4 Close and secure the front panel. The ice machine will automatically start ice-making after the clean cycle is complete (approximately 24 minutes).

Cleaning the Air Filter and Condenser

The washable filter on self-contained ice machines is designed to catch dust, dirt, lint and grease. Clean the filter once a month with mild soap and water.

A dirty condenser restricts airflow, resulting in excessively high operating temperatures. This reduces ice production and shortens component life.

Warning

Disconnect electric power to the ice machine at the electric service switch before cleaning the air filter or the condenser. The condenser fins are sharp; Use care when removing or installing the air filter.

- Clean the condenser at least every six months.
- Shine a flashlight through the condenser to check for dirt between the fins.
- Blow compressed air or rinse with water from the inside out (opposite direction of airflow).
- If dirt still remains, call a service agent to clean the condenser.

Removal from Service/Winterization

All Models

1. De-scale and sanitize the ice machine.

2. Turn off the water supply, disconnect and drain the incoming ice-making water line at the rear of the ice machine and drain the water trough.

3. Energize the ice machine, wait one minute for the water inlet valve to open and blow compressed air in both the incoming water and the drain openings in the rear of the ice machine to remove all water.

WATER-COOLED MODELS ONLY

• Disconnect the incoming water and drain lines from the water-cooled condenser.

• Insert a large screwdriver between the bottom spring coils of the water regulating valve and pry open the Water Regulating Valve.

• Hold the valve open and blow compressed air through the condenser until no water remains.

All Models

4. Press the power switch and disconnect electrical power at the main disconnect/circuit breaker.

5. Fill spray bottle with sanitizer and spray all interior food zone surfaces. Do not rinse and allow to air dry.

6. Replace all panels.

Troubleshooting

Before Calling for Service Checklist

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

Problem	Possible Cause	To Correct
Ice machine does not operate.	No electrical power to the ice machine and/or condensing unit.	Replace the fuse/reset the breaker/turn on the main switch.
	High pressure cutout tripping.	Clean condenser coil. (See page 51)
	Energy Saver or other field entered programming is stopping ice machine.	Reset to factory defaults.
	Water curtain off or stuck open.	Water curtain must be installed and swinging freely.
	Ice machine is not turned on.	Press power button, display must indicate “Making Ice”.
	IB Models Only - Dispenser ice level thermostat is open.	Adjust thermostat to maintain correct dispenser level.
Ice machine stops, and can be restarted by pressing the power switch.	Service Fault feature stopping the ice machine.	Refer to “Service Faults” on page 55.
Ice machine does not release ice or is slow to harvest.	Ice machine is dirty.	De-scale and sanitize the ice machine. (See page 45)
	Ice machine is not level.	Level the ice machine.
	Low air temperature around ice machine head section.	Air temperature must be at least 35° (2°C).

	Fan cycle control does not de- energize condenser fan motor.	Call for service.
	Water regulating valve incorrectly adjusted or will not close.	Check for water at condenser drain outlet in harvest cycle. Contact a qualified service company to adjust/ replace valve if water is present.

Problem	Possible Cause	To Correct
Ice machine does not cycle into harvest mode.	The six-minute freeze time lock-in has not expired yet.	Wait for the freeze lock-in to expire.
	Ice thickness probe is dirty.	De-scale and sanitize the ice machine. (See page 45)
	Ice thickness probe is disconnected.	Connect the probe to the control board.
	Ice thickness probe is out of adjustment.	Adjust the ice thickness probe. (See page 43)
	Uneven ice fill (thin at the top of evaporator).	Verify sufficient water level in sump trough. Contact a qualified service company to check refrigeration system.
Ice quality is poor (soft or not clear).	Poor incoming water quality.	Contact a qualified service company to test the quality of the incoming water and make appropriate filter recommendations.
	Water filtration is poor.	Replace the filter.
	Ice machine is dirty.	De-scale and sanitize the ice machine. (See page 45)
	Water dump valve is not working.	Disassemble and de-scale the water dump valve.

	Water softener is working improperly (if applicable).	Repair the water softener.
Ice machine produces shallow or incomplete cubes, or the ice fill pattern on the evaporator is incomplete.	Ice thickness probe is out of adjustment.	Adjust the ice thickness probe. (See page 43)
	Water trough level is too low.	Check the water level probe position.
	Water inlet valve filter screen is dirty.	Remove the water inlet valve and de-scale the filter screen.
	Water filtration is poor.	Replace the filter.
	Hot incoming water.	Connect the ice machine to a cold water supply. (See page 23)
	Water inlet valve is not working.	Replace the water inlet valve.
	Incorrect incoming water pressure.	Water pressure must be 20 psi - 80 psi (140 kPa - 550 kPa).
	Ice machine is not level.	Level the ice machine.
Low ice capacity.	Water inlet valve filter screen is dirty.	Remove the water inlet valve and de-scale the filter screen.
	Incoming water supply is shut off.	Open the water service valve.
	Water inlet valve stuck open or leaking.	Press the power button and turn off the ice machine, if water continues to enter water trough, replace the water inlet valve.

	The condenser is dirty.	Clean the condenser.
	High air temperature entering condenser.	Refer to minimum/maximum air temperature chart for your model on page 14.
	The harvest assist air compressor is not functioning.	Call for service.

Service Faults

In addition to the standard safety controls, such as the high pressure cutout, your Manitowoc ice machine features built-in service faults which will stop the ice machine if conditions arise which could cause a major component failure.

Before calling for service, re-start the ice machine using the following procedure:

1. Press the power button. The display reads “Off”. Press the power button again, and the display reads “Making Ice”.

    A. If a service fault has stopped the ice machine, it will restart after a short delay. Proceed to step 2.

    B. If the ice machine does not restart, see “Ice machine does not operate” on page 53.

2. Allow the ice machine to run to determine if the condition repeats.

    A. If the ice machine stops again, the condition has repeated. Call for service.

    B. If the ice machine continues to run, the condition has corrected itself. Allow the ice machine to continue running.