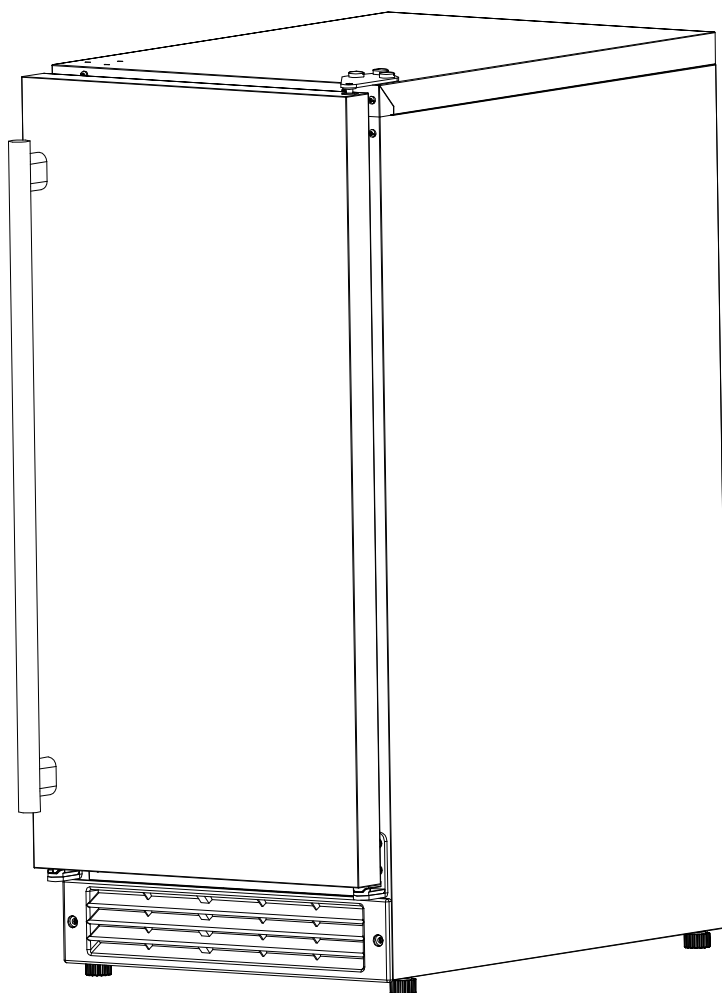




Ice Maker

INSTRUCTION MANUAL



Model: IMB55BI

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1 | SAFETY

IMPORTANT SAFETY INSTRUCTIONS

SAFETY DEFINITIONS

The words DANGER, WARNING, CAUTION and NOTICE are used throughout this manual to highlight important information. Be certain that the meanings of these alerts are known to all who operate and install the appliance.

DANGER

Indicates a hazardous situation that, if not avoided, *will* result in death or serious injury.

WARNING

Indicates a hazardous situation that, if not avoided, *could* result in death or serious injury.

CAUTION

Indicates a hazardous situation that, if not avoided, *could* result in minor or moderate injury.

NOTICE

Indicates a situation that can cause damage to the appliance and/or the environment, or cause the appliance to operate improperly.

DANGER – Risk of Fire or Explosion. FLAMMABLE REFRIGERANT Used.



**Do not use mechanical devices to defrost.
Do not puncture refrigerant tubing.
To be repaired only by trained service personnel.**



DISPOSAL

The appliance cannot be treated as normal domestic trash but must be handed in at a collection point for recycling electric and electronic appliances. Your contribution to the correct disposal of this product protects the environment. Further information about the recycling of this product can be obtained from your local municipal authority.

SAFETY PRECAUTIONS

POWER CORD PRECAUTIONS

- Do not use the appliance if the power cord is damaged. If the power cord is damaged, have a qualified electrician replace the power cord.
- Never lift, carry, or drag the appliance by the power cord.
- Do not connect or disconnect the electric plug when your hands are wet.
- Never unplug by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.

MOVING PRECAUTIONS

- When moving the appliance, do not turn it upside-down and do not unlevel it more than 45 degrees.
- Do not move the appliance without emptying it and securing the door in the closed position.

INSTALLING PRECAUTION

- Connect to potable water supply only.

OTHER PRECAUTIONS

- To ensure proper ventilation for the appliance, keep obstructions away from the front of the unit.
- Keep fingers out of the “pinch point” areas. Clearance between the door and cabinet are necessarily small. Be careful closing the door when children are in the area.
- Do not touch the evaporator with your hand when the appliance is operating.
- Do not attempt to repair or replace any part of your appliance unless this manual specifically recommends it. Have a qualified technician perform all other service on the unit.
- 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 or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Children 8 years of age and older and people with reduced physical, sensory or mental capabilities or lack of experience and knowledge can use this appliance if they have been given supervision or instruction concerning use of the appliance in a safe way and they understand the hazards involved.
- Never allow children to operate, play with or crawl inside the appliance.
- Never allow children to clean and maintain the machine without supervision.
- Do not use the appliance other than for its intended purpose.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

CLEANING AND MAINTENANCE PRECAUTIONS

- Never clean the appliance parts with flammable fluids. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this appliance or any other appliances. The fumes can create a fire hazard or explosion.
- Do not use solvent-based cleaning agents or abrasives on the interior. These cleaners may transmit taste to the ice cubes, or damage or discolor the interior.
- If the appliance will not be used for a long time, thoroughly clean it before the next use. Carefully follow any instructions provided for cleaning or the use of sanitizing solution. Do not leave any solution inside the appliance after cleaning.
- Use two or more people to move and install the ice maker. Failure to do so can result in back or other injury.
- Never install or operate the unit in an enclosed area, such as a closed cabinet. To ensure proper ventilation for your ice maker, the front of the unit must be completely unobstructed. Choose a well-ventilated area with temperatures above 50°F (10°C) and below 100°F (38°C). This unit **MUST** be installed in an area protected from the elements, such as wind, rain, water spray or drips.
- The ice maker should not be located next to ovens, grills or other sources of high heat.
- The ice maker must be installed with all electrical and water connections in accordance with state and local codes. A standard electrical supply (115 V AC, 60 Hz, 15 A), properly grounded in accordance with the National Electrical Code and local codes and ordinances, is required.
- Do not kink or pinch the power supply cord between the ice maker and cabinet.
- The fuse (or circuit breaker) size should be 15 amperes.
- It is important for the ice maker to be leveled in order to work properly. Otherwise water may not flow properly through the evaporator (ice mold). The ice production will be less than normal. You may need to make several adjustments to level it.
- All installations must be in accordance with local plumbing code requirements.
- Make certain that hoses are not pinched, kinked or damaged during installation.
- Check for leaks after water line is connected.
- Although the unit has been tested and cleaned at the factory, due to long-term transit and storage, the first batch of cubes must be discarded.
- Remove the packing materials and clean the ice maker before using.
- Turn on the water supply tap before switching on the ice maker. Never turn the water supply tap off when the ice maker is working.
- Except to take ice from the unit, keep the door closed in order to reduce ice melting and to promote proper ice formation.
- If the ice maker will not be used for a long time, before the next use it must be thoroughly cleaned. Follow carefully any instructions provided for cleaning or use of sanitizing solution. Do not leave any solution inside the ice maker after cleaning.
- **DO NOT** use solvent-based cleaning agents or abrasives on the interior. These cleaners may transmit taste to the ice cubes, or damage or discolor the interior.
- The ice machine cleaner contains acids. Do not use or mix with any other solvent-based cleaning products. Use rubber gloves to protect hands. Carefully read the safety instructions on the container of the ice machine cleaner.
- Do not use the apparatus other than for its intended purpose.

 WARNING

SAVE THESE INSTRUCTIONS

WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

WARNING: Do not damage the refrigerant circuit.

WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

Electrical Connection

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord. For personal safety, this appliance must be properly grounded. The power cord of this appliance is equipped with a 3-prong grounding plug that mates with a standard 3-prong grounding wall outlet to minimize the possibility of electric shock hazard from the appliance. Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded. When a standard 2-prong wall outlet is encountered, it is your responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet. The ice maker should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating label on the appliance. This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires. Never unplug your ice maker by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet. Repair or replace immediately all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end. When moving the ice maker, be careful not to damage the power cord.

Extension Cord

Because of potential safety hazards under certain conditions, it is strongly recommended that you do not use an extension cord with this ice maker.

This appliance is intended to be used in household and similar applications such as

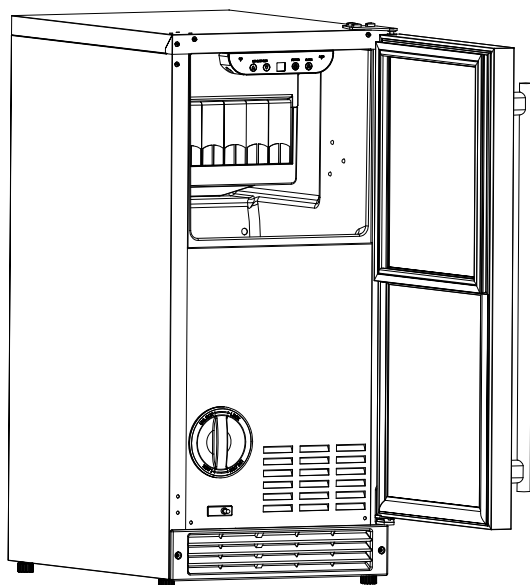
- staff kitchen areas in shops, offices and other working environments;*
- farm houses and by clients in hotels, motels and other residential type environments;*
- bed and breakfast type environments;*
- catering and similar non-retail applications.*

SPECIFICATIONS:

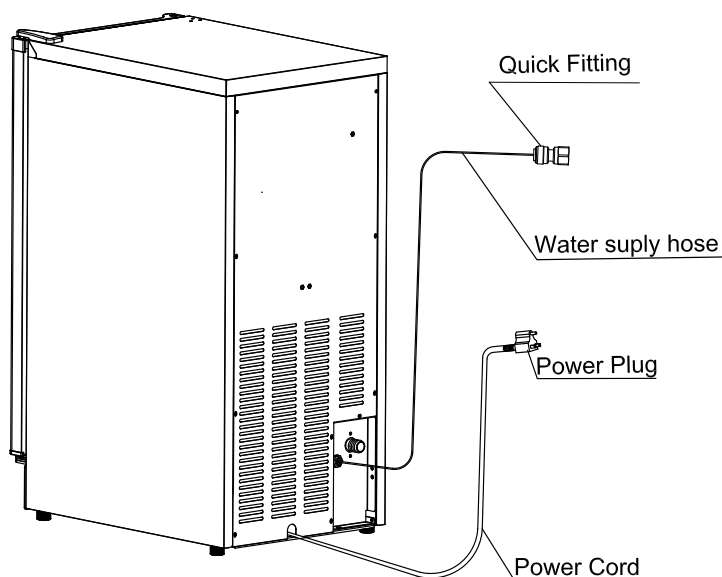
FEATURES	IMB55BI
Electrical Requirements	115V/60Hz
Maximum Amp Fuse	15 amps
Indoor/Outdoor	Indoor
Ambient Operating Range	50~100°F (10°C~38°C)
Water Operating Range	40~90°F (4°C~32°C)
Water Pressure Operating Range	20~80psi (0.138MPa~0.55MPa)
Water Inlet Adapter	1/4" OD compression fitting
Ice Size	ODΦ1-1/8"×L1-1/2"
Ice quantity per cycle	28
Unit Dimensions (H×W×D)	34"×14-7/8"×22-9/16" 864×378 ×573(mm)
Net Weight	84 lbs (38Kg)

Note: Technical data and performance information are provided for reference only and subject to change.

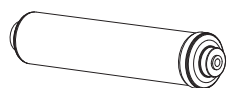
FRONT VIEW:



BACK VIEW:



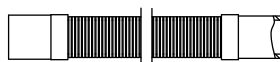
ACCESSORIES:



1 x Filter Cartridge



1 x Ice Scoop



1 x Drain Pipe



1 x Quick Fitting

3

INSTALLING THE UNIT

BEFORE USING YOUR ICE MAKER

Check to be sure you have all the following parts are included in carton:

- 1 Ice Scoop
- 1 Drain Pipe
- 1 Quick Fitting
- 1 Filter Cartridge
- 1 User Manual

PLUMBING AND ELECTRICAL TIPS

- A licensed plumber must install this appliance.
- This appliance must be installed with all electrical and water connections in accordance with state and local codes.
- This unit requires a standard electrical supply properly grounded in accordance with National Electrical Code and local codes and ordinances.
- The fuse (or circuit breaker) size should be 15 amperes for 115V.
- The manufacturer recommends that you provide a separate circuit that services only your appliance. Use receptacles that cannot be turned off by a switch or pull chain.
- Plug the appliance into a grounded three-prong outlet. Do not remove the grounding prong, do not use an adapter, and do not use an extension cord.
- Do not kink, pinch, or damage the power supply cord between the ice machine and wall or cabinet.
- Before connecting the ice machine to the power source, **let it stand upright for approximately 4 hours**. Following this step will reduce the possibility of a malfunction in the cooling system brought on by handling during transportation.
- Make sure to install on level surface and ensure drain line and waterline are not kinked.

TIPS ON MOVING AND SETTING UP THE UNIT

- Use two or more people to move and install the appliance. Failure to do so can result in back or other injury.
- Remove the packing materials and clean the appliance before using it.

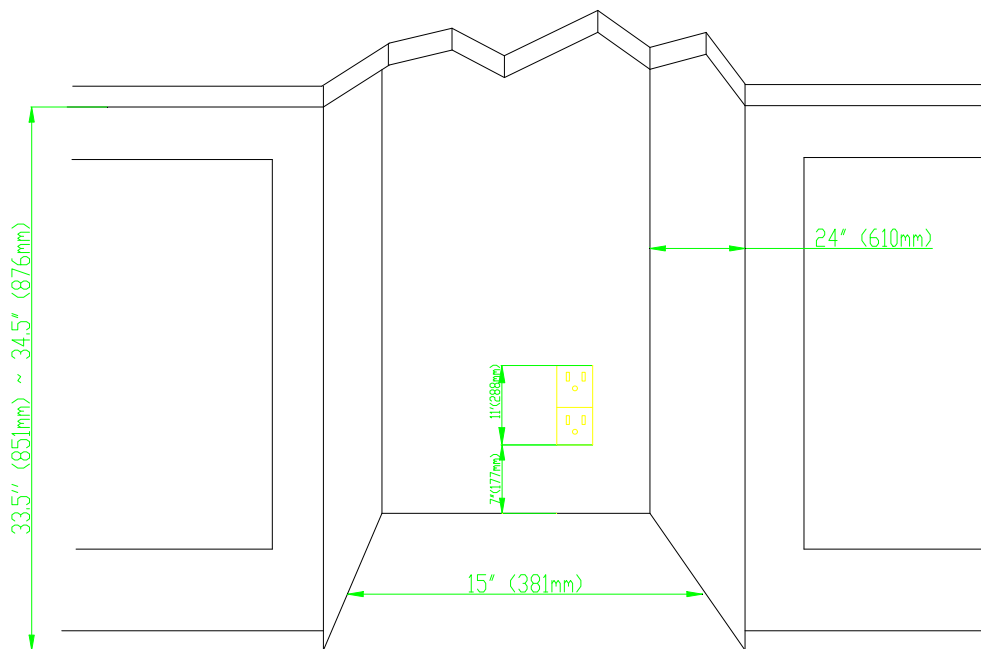
WATER SUPPLY TIPS

- Check for leaks after connecting the water line.
- The ice machine requires a continuous water supply with a minimum pressure of 20 psi (0.138 MPa) and a static pressure not to exceed 80 psi (0.55 MPa).

- The manufacturer recommends filtering the water. A water filter helps remove taste, odors and particles. Using softened water may result in white, mushy cubes that stick together. Avoid using deionized water.
- Using a RO system may cause the water pressure to be lower than the minimum the ice machine requires.
- Ensure that the water supply hose is not pinched, kinked, or damaged during installation.

RECESSED INSTALLATION

A built-in installation will allow you to install the ice machine under a counter or in a kitchen cabinet if you respect the required clearance space around the clear ice machine. The appliance must be located to allow clearance for water, drain and electrical connections in the rear of the unit.



BUILT-IN CABINET DIMENSIONS

A built-in installation requires for a water line and plug clearance for proper operation. A built-in unit is designed for zero clearance at the top and each side of the unit. The unit uses fan-forced condenser cooling, which requires air circulation through the lower section of the unit.

To ensure proper service access and ventilation, the unit should not have the grill openings covered. There are no additional requirements for venting at the top, side, or rear of the unit.

NOTICE

- Ensure that the air path for the grill remains unrestricted. Any restriction of air flow through the grill will disrupt normal operation of the unit, resulting in damage to components, and voids warranty.
- **Connect the unit to a potable water supply only.**

⚠ WARNING

Electrical Shock Hazard

Always disconnect power at the source before working on the unit. Failure to unplug the clear ice machine could result in electrical shock or personal injury.

- Do not touch the power plug when your hands are wet.
- Never unplug the unit by pulling on the cord. Grasp the plug and pull out firmly.

CONNECTING THE WATER SUPPLY

- All the necessary hardware is not provided (as the plumbing fixtures at the installation point may differ) for installation so it is necessary to hire a professional licensed plumber to complete the installation.
- Connect the water supply tube to the nearest cold water source. Connect sufficient tubing to the unit to allow the appliance to be moved freely for cleaning and service. Also make sure that the tubing is not pinched or damaged during.
- Wipe out inside of unit and ice bucket with a damp cloth.

ELECTRICAL CONNECTION

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.

For personal safety, you must properly ground this appliance. The power cord of this appliance features a three-prong grounding plug that mates with a standard three-prong grounding wall outlet to minimize the possibility of electric shock hazard from the appliance. Have a qualified electrician check the wall outlet and circuit to make sure the outlet is properly grounded. It is your responsibility and obligation to have a standard two-prong wall outlet replaced with a properly grounded three-prong wall outlet.

Always plug the appliance into its own individual electrical outlet. The voltage rating of the outlet must match the rating label on the appliance. This match provides the best performance and prevents overloading the electrical circuits, which could cause a fire hazard from overheated wires. Never unplug your appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.

Repair or replace immediately all power cords that have become frayed or damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end.

When moving the appliance, take care not to damage the power cord.

If the power supply cord suffers damage, have the manufacturer, its service agent, or similarly qualified persons replace the supply cord to avoid a hazard.

AVOIDING USE OF EXTENSION CORDS

Because of potential safety hazards under certain conditions, the manufacturer strongly recommends that you do not use an extension cord with this appliance.

CONNECTING DRAIN

Drain Line is attached to the unit and installed at the factory.

- With Factory installed drain pump proper connection to drain is required.
- It is recommended that a proper drain system include an air gap to prevent siphoning and a sanitary trap (Check local codes to determine drain requirements).
- Improper drain can lead to malfunctions in the ice production and void warranty.
- Licensed Plumbers can assist in identifying proper drain hook up.

⚠ WARNING

Check Your Local Codes on Proper Drain Hook Up

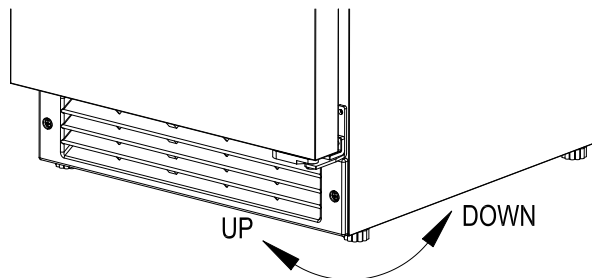
Using a licensed Plumber to install Ice Machine will confirm it is installed to a proper drain system.

LEVELING THE UNIT

⚠ CAUTION

The unit will be significantly heavier once it is operational and fully loaded.

Place your ice machine on a level surface that is strong enough to support the ice maker when it is fully loaded. Level your ice maker by adjusting the legs at the front of the ice machine. If necessary, raise or lower the unit by turning the four leveling feet on the bottom.

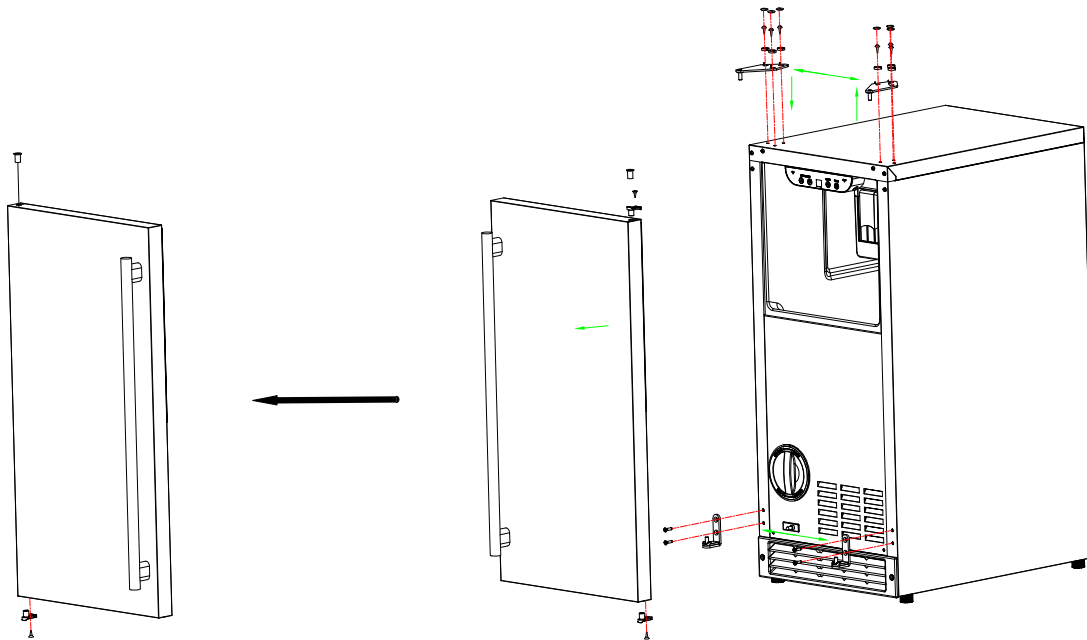


REVERSING THE DOOR

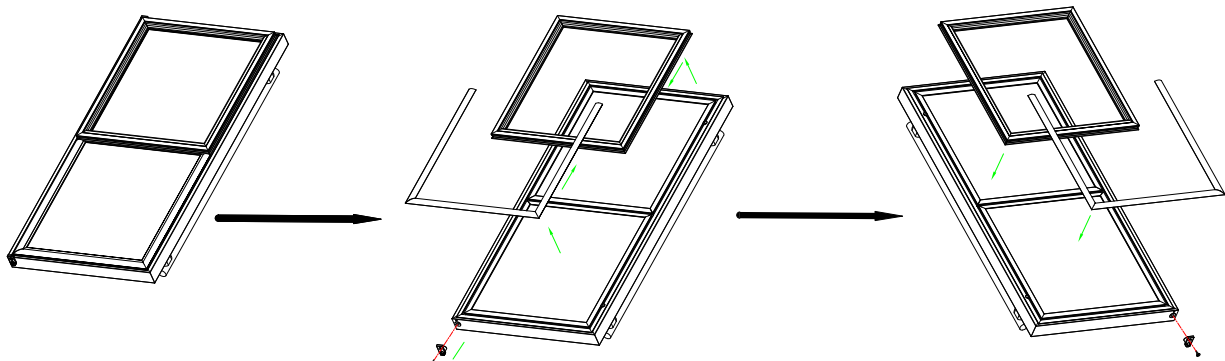
This appliance has the capability of the door opening from either the left or right side. The appliance is delivered to you with the door opening from the left side. Follow these instructions should you desire to reverse the opening direction.

Tools needed: flathead screwdriver, Phillips screwdriver

IMPORTANT: Before you begin, make sure the ice machine is unplugged.



- Open the screw cap on the top hinge and unscrew 3 bolts to take away the top hinge and then lift out the door.
- Cover the left screw holes by the decorative plugs from the right.
- The door will rotate 180° to reverse swing. carefully peel off the whole door gasket from any of the corners and remove the inserts in the other side of the door liner from the mounting groove, then swap their location, install the door gasket to the opposite side of the door and push the insert to the exposed mounting grooves. Now the door gasket has relocated.



- Pull off the front louver vents, get access to the bottom hinge, uninstall it and reinstall on the left side of the cabinet, then recover the front louver vents.
- Align the door to the bottom hinge and insert the door, then install the top hinge cap and put the hinge cap on it.

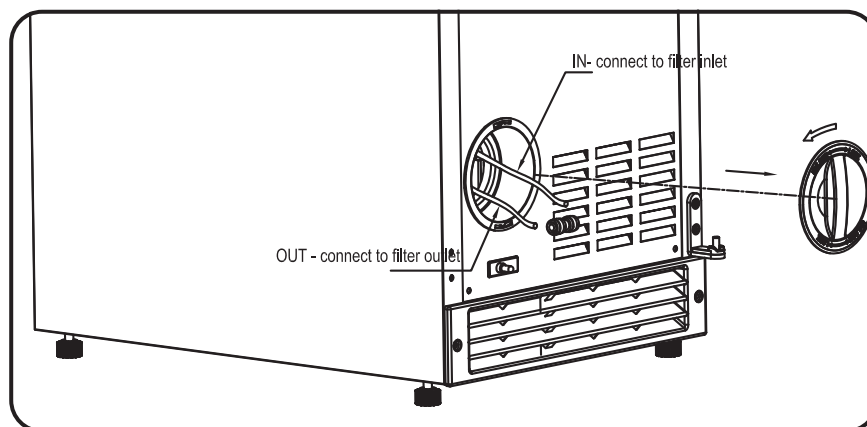
FILTER INSTALLATION/REPLACEMENT

The filter must be installed in accordance with the manufacturer's recommended procedures and guidelines. To reduce the risk associated with property damage due to water leakage, you must read and following installation and use instructions before installation and use this product. For replacement, contact your local agent or the service centre.

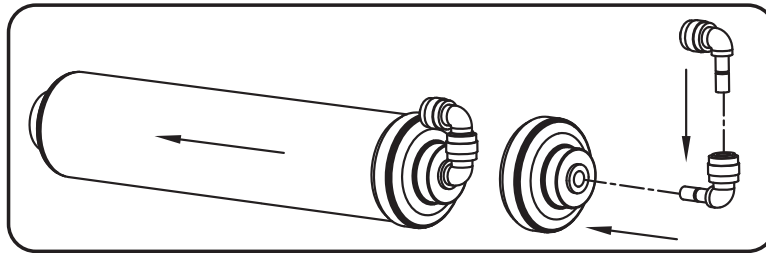
NOTICE

1. Always disconnect power and water at the source before working on the appliance.
2. The filter must be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow occurs.
3. Before installation or replacement, always use the water pipe to connect the filter to the water supply separately first, and then run water for at least 5 minutes to purge the filter until the water is clear.
4. Insert the tube to the end of the built-in quick-connectors, and always check for leaks before fixing.

1. Rotate the water filter cover counterclockwise. Remove the cover to expose the filter connecting tubes of the ice machine.
2. The water tubes are being connected by a joint connector so the ice machine can work without a filter. Take away the two clips on both ends of the joint connector, pull the tube out from it, **PAY ATTENTION TO THE LABEL ON THE TUBES.**



3. Assembly the two L type quick connectors and insert to the thick end of the filter, this is the water inlet end.
4. BEWARE THE FLOW DIRECTION ARROW OF THE FILTER, Insert the filter connecting tubes to the filter's quick connectors on both ends, until the tube reaches the bottom (approx 1/2"). Then turn on the water supply to check for leaks.



5. If there are no leaks, put the filter into the filter cave, and Install the water filter cover by rotating the cover 90 degrees clockwise.

4 | OPERATING THE UNIT

IMPORTANT: ENSURING ICE FRESHNESS AND QUALITY

- Although the unit has been tested and cleaned at the factory, discard the first batch of ice cubes due to long-term transit and storage.
- If you do not use the ice machine regularly, the manufacturer recommends emptying the ice bin periodically to ensure ice freshness.
- The ice machine produces ice in layers resulting in a clear cube. The ice may appear wet when first produced. Ice in the bin may develop surface frost which appears when the cube is placed in liquid.

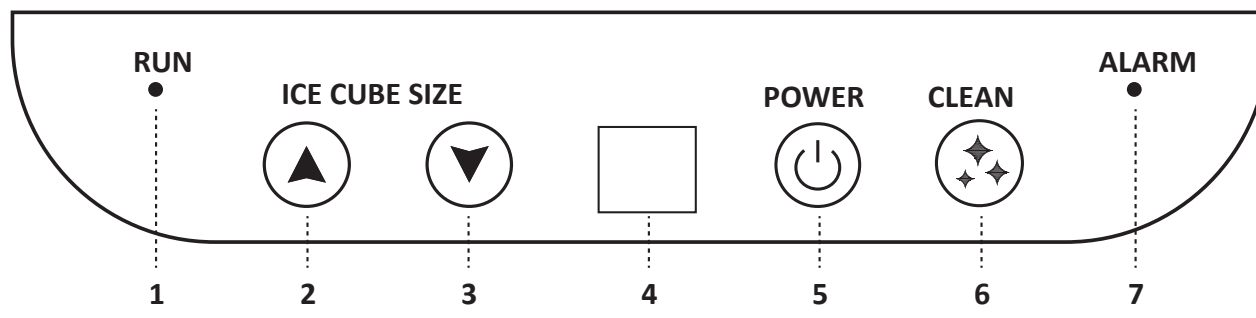
OTHER OPERATING TIPS

- Keep the air intake and exhaust free of dust and lint to allow free air flow. With hard water, cleaning may have to be more frequent.
- Never touch the evaporator when the unit is running.
- Keep the door closed to reduce ice melting and to promote proper ice formation. Open the door only when taking ice from the appliance.
- Turn on the water supply tap before switching on the ice machine. Never turn the water supply tap off when the ice machine is working.

ICE MACHINE PRODUCTION

The bullet ice machine produces 28 individual ice bullets per cycle. The ice machine will continue to produce ice until the ice in the bin contacts the ice full indicator in the bin. Once the ice level drops below the indicator, the ice machine will begin producing ice again.

USING THE CONTROLS



- | | | | |
|-----------------|------------------|---------|-------------------|
| 1 Run Indicator | 3 Down | 5 Power | 7 Alarm Indicator |
| 2 Up | 4 Display Window | 6 Clean | |

The control panel, located at the top of the interior compartment, includes a display window, 4 buttons, and 2 indicator lights.

FUNCTION		OPERATING
Turn ON		Press the “” button to turn ON the unit. The unit will automatically start making ice and display “  ” during ice making and “  ” when the ice bin is full. The RUN indicator light will illuminate.
Turn Off		Press the “” button to turn OFF the unit. This unit will enter Standby mode and display “  ” . *If the unit is already in the process of making ice, it will complete the current cycle before entering Standby mode. Press and hold the “  ” button for over 3 seconds to turn OFF the unit. *Incomplete ice cubes may remain in the bin if the unit is turned off while making ice.
Adjust the ice cube size	 	Press and hold the “” or “” button for over 3 seconds to enter ICE SIZE ADJUSTING mode. Then use the “  ” or “  ” button to change the settings. Window displays “  ” to “  ” (min to max). “  ” is the default ice size. * The setting will be saved after 5 seconds.
Cleaning		Press and hold the “” button for over 3 seconds to turn ON/OFF the CLEANING mode. Once cleaning begins, the window will display “  ”, and the cleaning cycle will run for 30 minutes before exiting and then entering Standby mode. *This function can only be initiated in Standby mode.

FUNCTION		OPERATING
Timed Ice making	 	Press and hold the “” and “” buttons for over 3 seconds during Standby mode to toggle ON/OFF the Timed Ice Making mode. When entering the time setting, press the “” or “” button to select a timer duration from “01” to “12” hours for the ice-making cycle. The setting will automatically save after 10 seconds, and the display will show the remaining countdown time in hours. *Pressing the POWER button will skip the countdown and immediately begin the ice-making process.
Sabbath	 	Press and hold the “” and “” buttons for over 6 seconds to toggle Sabbath mode ON/OFF. IN SABBATH mode, the display will turn off, and audible sounds will be disabled.
Showroom	 	Press and hold the “” and “” buttons for more than 6 seconds during standby mode to toggle ON/OFF the SHOWROOM mode. The SHOWROOM indicator will light up. *This mode is intended for dealer display purposes. Only the light and display panel will function, while all alarms will be disabled except for the door open alarm.
Filter Reset	 	Press and hold the “” and “” buttons for over 6 seconds to reset the water filter. The display window will flash “F0” and reset the filter timer. *This function can only be initiated on Standby mode. Use only after replacing the water filter.

Note: If the Ice builds up together, then the ice size setting needs to be turned smaller.

EXPECTING NORMAL SOUNDS

Your new ice machine may make sounds that are not familiar to you. Hard surfaces like the floor and walls can make the sounds seem louder than they actually are. The following describes the kinds of sounds that might be new to you and the source of those sounds:

- The high-efficiency compressor may make a pulsating or high-pitched sound.
- Water running from the evaporator to the water reservoir may make a splashing sound.
- As each cycle ends, you may hear a gurgling sound due to the refrigerant flowing in your ice machine.
- Rattling noises may come from the flow of the refrigerant, the water line or items stored on top of the machine.
- You may hear the sound of the condenser fan forcing air over the condenser.
- During the harvest cycle, you may hear the sound of ice cubes falling into the ice bin.

PANEL DISPLAY NOTIFICATION

The following notifications will trigger an alarm (except for the "Ice Full Stop" notification).

Self-diagnosis Pass	88	Only displays on the beginning of the working cycle.
Ice Full Stop	8F	If the ice storage bin is full, the unit will automatically stop. Remove the ice and the unit will start making ice after 3 minutes.
Door Ajar Alarm	dr	If the door is not closed completely for 5 minutes, the panel will begin flashing 'dr' with alarm sound. This alert is automatically cleared when the door is closed or any button is pressed.
Clean Reminder	CL	When the unit has worked for approximately 6 months without running the CLEANING program, the panel will be flashing 'CL' as the reminder. Run CLEAN CYCLE to clear the alarm.
Filter Replace Reminder	F1	After approximately 6 months of operation, the panel will flash 'F1' as a reminder. Replace the filter and reset the filter timer to clear the alarm.

DEALING WITH POWER FAILURE

Most power failures are corrected within a few hours and should not affect the temperature of your ice machine if you minimize the number of times you open the ice machine door. If the power is going to be off for a longer period of time, take the proper steps to disconnect your appliance.

Note: When the ice machine is operating, the evaporator is the only component that is cold to make ice. A power failure will only impact the machine from making ice. The ice in the bin will slowly melt as normal and the drain pump will not operate without power so the bin could fill with water as ice melts.

FAULT ALARM AND ERROR CODES

When the unit detects an error, it will sound the alarm with the ALARM indicator flashing and display the below error codes. Please provide the error codes when contacting service.

FAULT ALARM	ERROR CODES
Evaporator temperature sensor failure	E1
Condenser temperature sensor failure	E2
ICE FULL temperature sensor failure	E3
Long harvest alarm	E4
Low water alarm	E5
High ambient temperature	H1

The ice machine will keep running on E1, E2 error with the RUN indicator flashing and will completely stop working on the rest of the errors. Check "TROUBLESHOOTING" for easy self-diagnosis to try clearing some error codes.

5

CARE AND MAINTENANCE

CLEANING AND MAINTAINING THE UNIT

Perform periodic cleaning and proper maintenance to ensure efficiency, top performance, and long life. Maintenance should be performed every 3 to 12 months depending on usage and environment.

- Periodically vacuum dust and dirt from the condenser, which is located behind the grill at the bottom front of the unit.
- Regularly inspect plumbing connections to ensure that no leaks exist.
- Disconnect the water supply line if the ice machine will not be used for a long period of time.
- Never keep anything in the ice storage bin that is not ice. Objects such as wine and beer bottles are not sanitary and could damage the interior.

CLEANING THE UNIT'S EXTERIOR

Clean the door and cabinet with a mild detergent and warm-water solution, such as 1oz. (28 g) of dish-washing liquid mixed with 2 gallons of warm water. Do not use solvent-based or abrasive cleaners. Use a soft sponge and rinse the unit with clean water. Wipe the unit with a soft, clean towel to prevent water spotting.

Clean stainless steel with a mild detergent, a warm-water solution, and a damp cloth. Never use an abrasive cleaning agent.

RUNNING THE CLEANING CYCLE

Minerals that are removed from the water during the freezing cycle will eventually form a hard, scaly deposit in the water system and cleaning the system regularly helps remove the mineral scale buildup. How often to clean the system depends upon how hard your water is or how effective a water filtration system may be. With hard water of 15 to 20 grains/gal, you may need to clean the system more often. Normal timing will range from 3 to 12 months depending on water, use and environment.

STEPS TO RUN ICE MACHINE CLEAN CYCLE

1. Turn off ice machine - press power on/off button
2. Remove Ice from bin & evaporator
 - i. Wait for ice to melt off the evaporator, leave the door open (approximately 30 to 60 Minutes)
 - ii. Remove the remaining ice from the bin. (discard or store in a freezer until cleaning is complete)
3. Lift the water curtain to expose the ice slide-way and water trough.
4. Pour 1 to 2 oz. of Nickle Safe Ice Machine Cleaner in the Water Trough (more cleaner depending on scale and timing in between cleanings) and put the evaporator curtain or water curtain back in place.
 - i. Press and hold Power on/off button to power unit back on
5. Press **CLEAN** Button for over 3 seconds to enter cleaning cycle – 'CL' will be displayed
 - i. The unit will now run the cleaning cycle for 30 minutes
 - ii. If excessive scale has built up, a second cleaning cycle may be required. Repeat Steps 4-5
6. After the cleaning cycle is complete, unscrew the drain nut of the water trough and let the remaining water drain out through the drain hole on the bottom of the bin, wait until all the water has drained out of the drain pipe before replacing the drain nut.
 - i. Check to see if scale is visible on other parts in the interior of the ice machine. If so move to step 7 or if no visible scale move to step 8.
7. Make a solution of 1-2 oz of Nickel Safe ice machine cleaner with 2 quarts of water, then use a sponge or rag to wipe the interior of the bin, water reservoir, tubing, evaporator cover, and back of the door **DO NOT WIPE OR TOUCH THE EVAPORATOR.**
 - i. After wiping down is complete create a solution of 1 Tablespoon Bleach in 1 Gallon of warm water. This solution will remove the ice machine cleaner. Repeat the wipe down with this solution. (Be careful of using other cleaners to avoid possible chemical reactions)
 - ii. Now using just water gently rise the same parts. Again, **DO NOT TOUCH OR PUT WATER ON THE EVAPORATOR.**
8. Reinstall the drain nut.
9. Turn power on – press power on/off button
 - i. Machine will move into ice making mode.
10. Discard the first 2 harvests of ice, which will take around 60 Minutes..
Your Ice Machine is now clean and ready to make ice again.

⚠ WARNING

Out of the Ordinary Ice Production

Please note that the ice production following a cleaning cycle could produce excessive splashing and or uneven/irregular shaped ice cubes. This is normal and should correct after several harvests.

CLEANING THE UNIT'S INTERIOR

When necessary, defrost and thoroughly clean the inside of the unit with mild soap and water. Do not use electrical heating devices or sharp or pointed tools when defrosting the unit.

When defrosting or leaving the unit turned off, leave the door propped open. Leaving the door open allows air to dry the inside of the cabinet, reducing the chance for mildew and mold damage to mechanisms or components.

EXTENDED PERIODS OF NON-USE

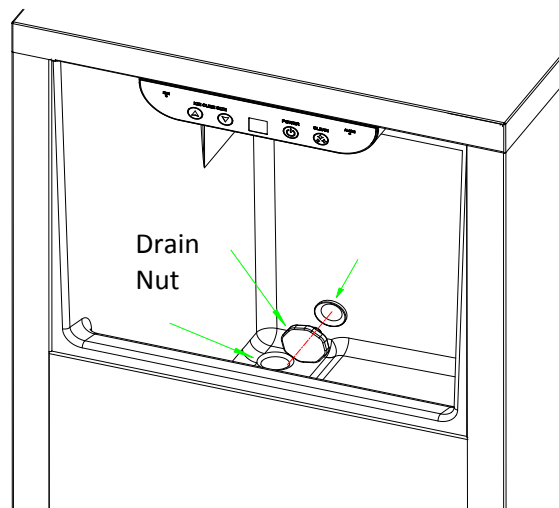
⚠ WARNING

Electrical Shock Hazard

Always disconnect power at the source before working on the unit.

Note: Do not winterize this unit with ANY type of anti-freeze; damage to the mold coating will occur, invalidating product's Limited Warranty and creating potential health hazard.

1. Turn off the water at the main water supply.
2. Disconnect the water supply line from the water inlet of the ice machine.
3. Remove any remaining ice from the storage bin.
4. Unscrew the drain nut of the water trough to drain the water into the bin, then let the remaining water drain out through the drain hole on the bottom of the bin.



5. Turn the unit off and unplug the power cord.
6. Leave the door propped open to allow for circulation to prevent mold and mildew.
7. Leave the water supply line disconnected, and the power cord unplugged until ready for use.

NOTICE: Never pull on the power cord to unplug the appliance from the electrical outlet. Grasp the plug of the power cord and pull out firmly.

RECOMMISSIONING THE UNIT

1. If stored outside, it is recommended that the unit be thoroughly inspected to remove any dirt or debris as well as for animals/insects.
2. Connect the water supply line, turn on the water, check for leaks, and then restore power to the unit. It is recommended to clean the unit after long-term storage by following the instructions on pages 16.

STARTING UP THE UNIT

1. Turn on the water, check for leaks, and then turn on power.
2. Turn on the unit by pressing the power button.
3. The water inlet valve will turn on immediately to supply water to the unit. The water pump and compressor will turn on later (approximately 5 minutes) to initiate the ice making cycle. If the machine was shut-off while in the ice-harvesting cycle, make sure the ice is harvested before starting up the unit.
4. The first harvest of ice should occur within 60 minutes of start-up.
5. After the unit purges air from the lines, normal harvesting and refilling occur every 40 minutes or less, under normal conditions.

6

TROUBLESHOOTING

Before Calling for Service:

If the unit appears to be malfunctioning, read through the “Operating the unit” section of this manual first. If the issue persists, check the Troubleshooting Guide below. Some of the problems mentioned in the Troubleshooting Guide can be solved easily without a service call.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
The machine won't operate.	✓ The ice machine is unplugged. ✓ The power switch is OFF. ✓ The ice storage bin is full of ice.	✓ Plug the ice machine in. Verify that the control unit is properly programmed. ✓ Remove some of the ice.
The compressor works abnormally with a buzzing noise.	✓ The voltage is lower than recommended.	✓ Stop the ice machine and do not restart until the voltage is normal.
The water doesn't feed in after the ice machine starts. (possible error codes E4/E5)	✓ The water supply is turned off. ✓ The water supply pipe is not properly connected. ✓ Water inlet valve malfunction. ✓ The water filter is not installed or not installed correctly.	✓ Turn on the water supply tap. ✓ Reconnect the water supply pipe. ✓ Contact Service. ✓ Check that the water filter is installed correctly.
Machine makes ice, but at a very slow rate. (possible error codes HI).	✓ The condenser may be dirty. ✓ The air flow to the ice machine may be obstructed. ✓ The ambient temperature and water temperature are high, or it is near with some heat source.	✓ Clean the condenser. ✓ Check the installation to ensure the air flow to the ice maker is not blocked. ✓ Check the installation to ensure the ambient temperature is in the proper range.
Water is leaking out of the unit. (possible error codes E4/E5)	✓ A few water droplets are on the door. ✓ The water supply connection is leaking. ✓ Incorrect filter installation.	✓ Under certain conditions, humidity may condense on the door. To reduce condensation, consider relocating the unit or minimizing the frequency of door openings. ✓ Tighten water supply hose-fitting. ✓ Check that the water filter is installed correctly.
Cubes are partially formed and are white at the bottom. (possible error codes E4/E5)	✓ There is not enough water in the water bin. ✓ Cycle was disrupted.	✓ Check if the water supply pressure is below 20 psi. ✓ Check the water supply. It may be restricted. ✓ Check for a water leak at the water trough.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
Noise during operation.	✓ The feet are not leveled. Certain sounds are normal.	✓ Level the feet. See “Leveling the Unit”. ✓ See “Expecting Normal Sounds”.
The ice made is too large and has pieces sticking together.	✓ The water temperature in the storage tray or ambient is too low.	✓ Stop the machine and reset the ice-making cycle. ✓ Restart the machine after turning it off.
Conditions for the ice making cycle are right but no ice is made.	✓ The refrigerant leaks and/or the sealed system is blocked. ✓ Water pressure is not properly set.	✓ Contact Service. ✓ The recommended water pressure is 58 psi. pressures must not fall below 20 psi and static pressure must not exceed 80 psi.
The ice machine stops suddenly while making ice.	✓ The electricity is off. ✓ The room temperature is out of the stated range.	✓ Reconnect the power supply line. ✓ Disconnect the power and allow the ice machine to remain off until the temperature returns to the specified range.
The body of the ice machine is electrified.	✓ The ground line is not in the sockets.	✓ Use the correct plug and outlet.
Scale builds up quickly inside the machine.	✓ The calcium level in the water is too high.	✓ Use a water-softening apparatus installed in front of the water inlet valve.

THANK YOU

FOR YOUR PURCHASE

CONTACT US

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