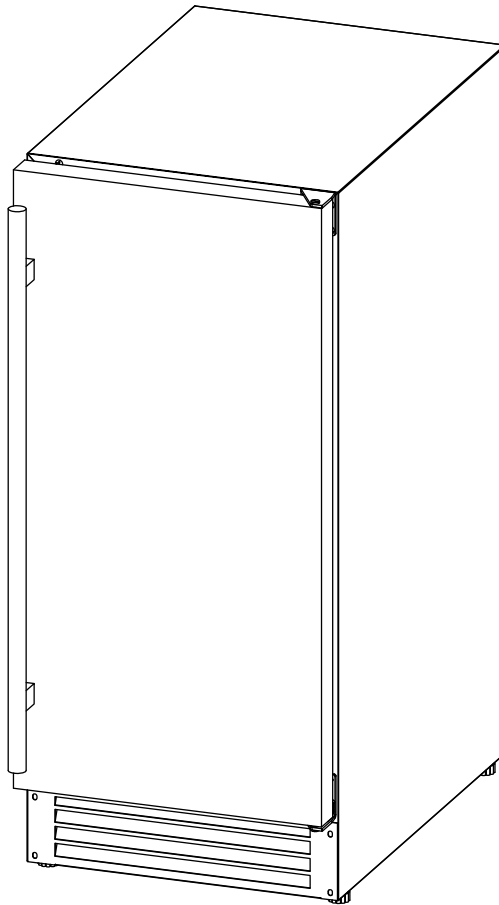




MERCATOR

N A V I G A T I N G S U C C E S S

15" Slab Cube Ice Maker User Manual



MU15IMS

ASBURY WORLD WIDE LLC

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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

Dispose Of Properly In Accordance With Federal Or Local Regulations. Flammable Refrigerant Used.

The appliance can not be treated as normal domestic trash but must be handed in at a collection point for recycling electric and electronic appliances. 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.

INSTALLATION 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 110°F (43°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.

TECHNICAL INFORMATION

15" Slab Cube Ice Machine

FEATURES	MU15IMS
Electrical Requirements	115V/60Hz
Maximum Amp Fuse	15 amps
Usage	Indoor/Outdoor*
IP Rating	IPX4
Ambient Operating Range	50~110°F (10°C~43°C)
Water Operating Range	50~90°F (10°C~32°C)
Water Pressure Operating Range	15~80psig (0.103MPa~0.55MPa)
Ice-making /-harvest rated current	2.5A/1.9A
Refrigerant	R290 1.87 oz
High/Low side pressure	286 psig/110 psig
Ice Shape	Slab Cube
Ice-making capacity	58 lbs(26.5Kg) /day**
Maximum ice storage	22lbs (10kg)
Ice Cube Size	7/8" x 7/8" x 7/8"
Unit Dimensions (WxDxH)	14-5/8"x24-1/4"x33-1/2"
Net Weight	79lbs (36kg)

* In outdoor use, the unit must be installed under an awning or canopy and must not be exposed directly to rain or sun.

** The actual quantity of ice produced per day will vary with ambient and water conditions.

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



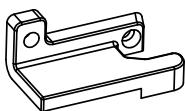
1/4" Compression Quick Fitting (thread 7/16"-24UNS)



1/4" Water Pipe



Drain Pipe



Left Latch Block

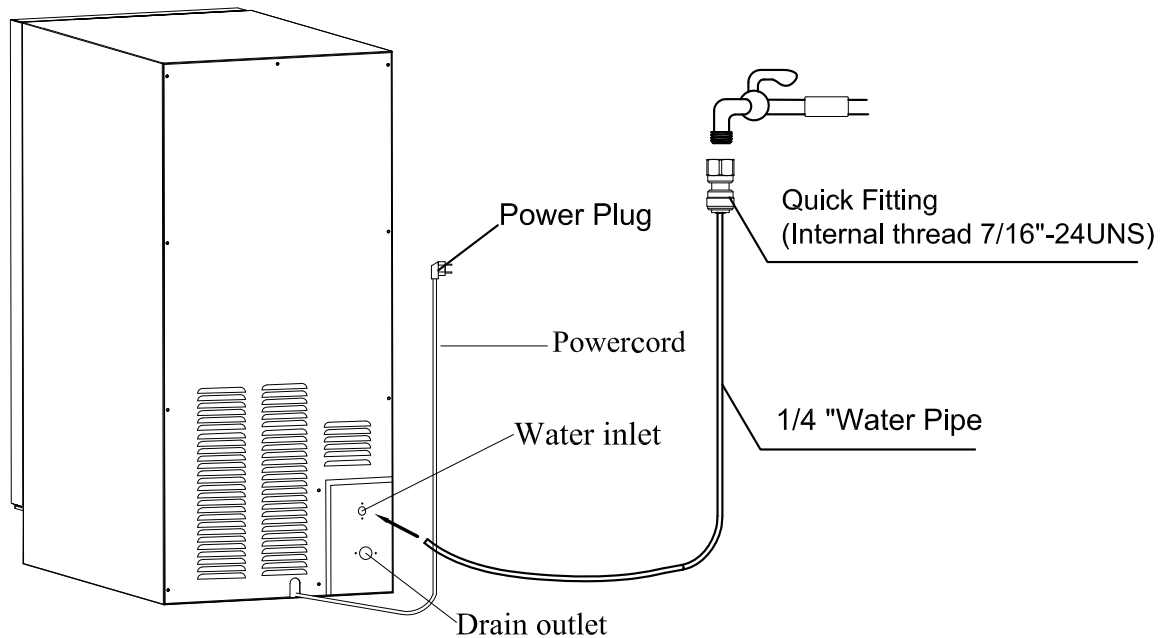
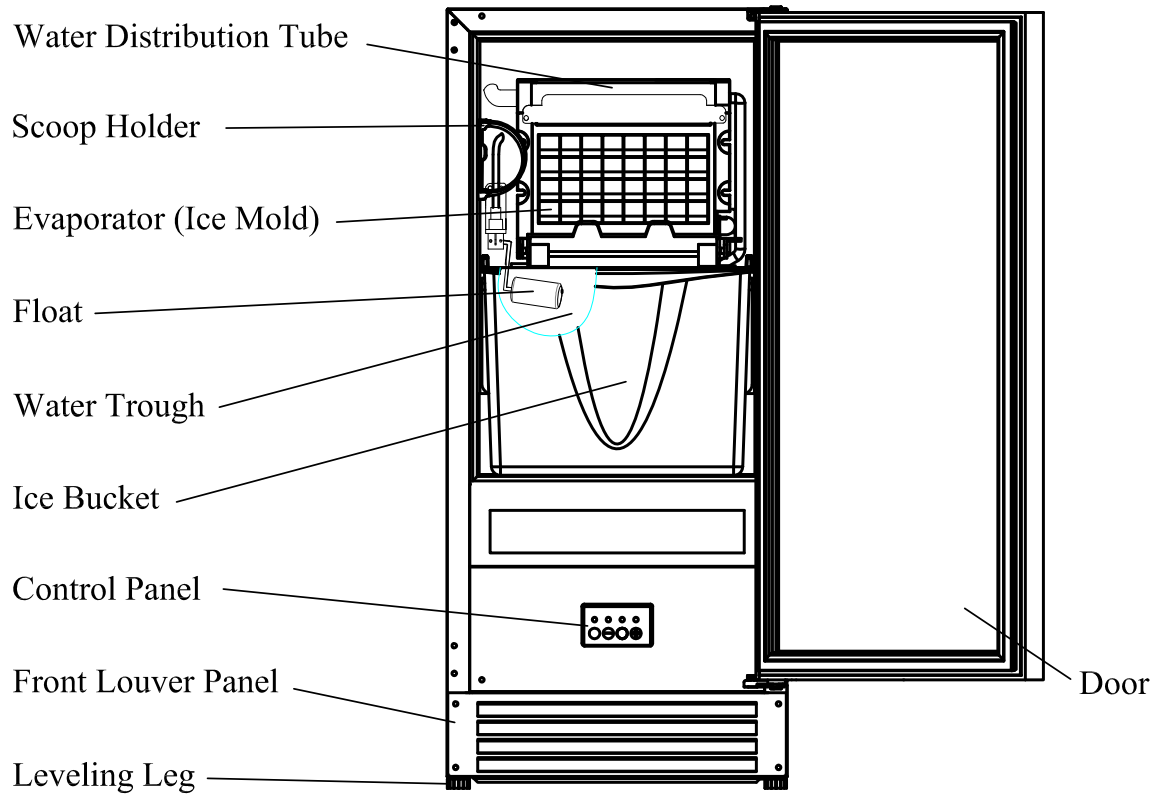


Left Latch Hook



Ice Scoop

COMPONENT LOCATIONS



ICE MAKER INSTALLATION

BEFORE USING YOUR ICE MAKER

Check to be sure that all of the following parts are included in the carton:

- 1 Ice coop
- 1 Drain Hose
- 1 Water Inlet Line with Quick Fitting
- 1 Left Latch Block
- 1 Left Latch Hook
- 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.

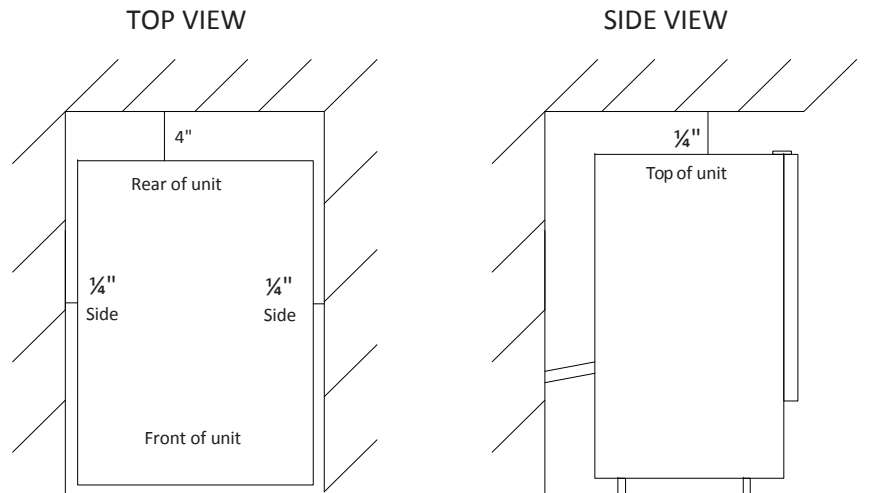
IMPORTANT: Do not remove any permanent instruction labels or the data label on your ice maker. Remove tape and glue from your ice maker before using.

- To remove any remaining tape or glue, rub the area briskly with your thumb. Tape or glue residue can also be easily removed by rubbing a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry.
- Do not use sharp instruments, rubbing alcohol, flammable fluids or abrasive cleaners to remove tape or glue. These products can damage the surface of your ice maker.

CLEANING BEFORE USE

After you remove all of the packaging materials, clean the inside of your ice maker before using it. See "cleaning the unit's interior" in the *MAINTENANCE* section.

Location Requirements



WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.

WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

- This ice maker should be properly installed by qualified personnel.
- To ensure proper ventilation for your ice maker, the front of the unit must be completely unobstructed.
- When installing the ice maker under a counter, follow the recommended spacing dimensions shown. Allow at least 4" (102mm) clearance at rear, and 1/4" (6.35mm) at top and sides for proper air circulation. The installation should allow the ice maker to be pulled forward for servicing if necessary.

INSTALLATION TYPES

This ice maker has been designed for Mobile (free-standing) installation. However, it can also be Enclosed (as under a cabinet) or Built-in (sealed to the floor). In any case, there must be adequate air space at the front of the unit for ventilation.

Mobile installation:

A mobile installation will allow you to install the ice maker free-standing in any place you desire provided you have access to a water supply. You must follow the stated instructions for

- a. Electrical requirements
- b. Water supply
- c. Leveling the ice maker.

Enclosed Installation:

An enclosed installation will allow you to install the ice maker under a cabinet or in a kitchen cabinet provided the required clearance space around the ice maker is maintained. This installation has the same requirements as a mobile installation.

Built-in installation:

If this method of installation is chosen, it will still be necessary to allow adequate ventilation space around the unit. The following additional items must be observed.

1. Place ice maker in front of installation location. Remove the feet and place the unit flat on the floor or on a platform depending on your installation requirements.
2. The water supply line must be plumbed before connecting to the ice maker.
3. Turn on main water supply and tap. Check for water supply connection leaks. Tighten every connection (including connection at the water inlet).
4. If the electrical outlet for the ice maker is behind the cabinet, plug in the ice maker.
5. Push the ice maker into position.
6. Seal all around the cabinet to the floor with an approved caulking compound.

IMPORTANT: *Be sure the drain hose is connected and fed into the drain line before the ice maker is moved into its final position.*

- This ice maker should be properly installed by qualified personnel.
- To ensure proper ventilation for your ice maker, the front of the unit must be completely unobstructed.
- When installing the ice maker under a counter, follow the recommended spacing dimensions shown. Allow at least 4" (102 mm) clearance at rear. The installation should allow the ice maker to be pulled forward for servicing if necessary.
- Choose a well ventilated area with room temperatures within the normal range. This unit **MUST** be installed in an area protected from the elements, such as wind, rain, water spray or drips.
- The unit should not be located next to ovens, grills or other high heat sources.
- Installation of the ice maker requires a cold water supply inlet of ¼" (6.35mm) soft copper tubing with a shut-off valve.
- The ice maker requires a continuous water supply with a minimum pressure of 15 psig and a static pressure not to exceed 80 psig. The temperature of the water feeding into the ice maker should be between 50°F (10°C) and 90°F (32°C) for proper operation.

WARNING

Operating temperature should be within the range of normal room temperatures. Normal operating water temperature should be between 50°F (10°C) and 90°F (32°C). Operation of the ice maker for extended periods out- side of these normal temperature ranges may affect production capacity.

WATER SUPPLY TIPS

- Check for leaks after connecting the water line.
- The ice machine requires a continuous water supply with a minimum pressure of 15 psig (0.103 MPa) and a static pressure not to exceed 80 psig (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.

CONNECTING THE WATER SUPPLY

The water supply should be available at the point of installation. The water supply pressure should be a minimum of 15 psig (1 bar or 103 kPa) with a static pressure not more than 80 psig (5.5 bar or 551 kPa).

The integrated 1/4" OD water inlet pipe equips a 1/4" compression quick connector (7/16"-24 UNS thread) for easy faucet connection. The quick connector can be removed and the water pipe can be directly connected to a regular water filter system.

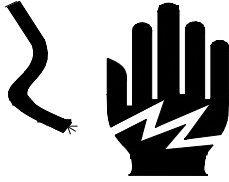
NOTE:

Installation must be in accordance with local plumbing code requirements. Professional installation is recommended. Make certain the hoses are not pinched, kinked or damaged during installation. Check for leaks after connection.

IMPORTANT: When you connect the water supply hose and the drain hose, pay attention to the "Water inlet" and "Drain outlet" labels on the machine.

ELECTRICAL REQUIREMENTS

 **DANGER**



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.

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.

DRAIN PUMP TEST

WARNING

Electrical Shock Hazard

Be sure the floor surfaces surrounding the appliance are dry before plugging in and removing the power cord to the outlet to prevent electrical shock.

Follow these steps to test the operation of the drain pump before final installation:

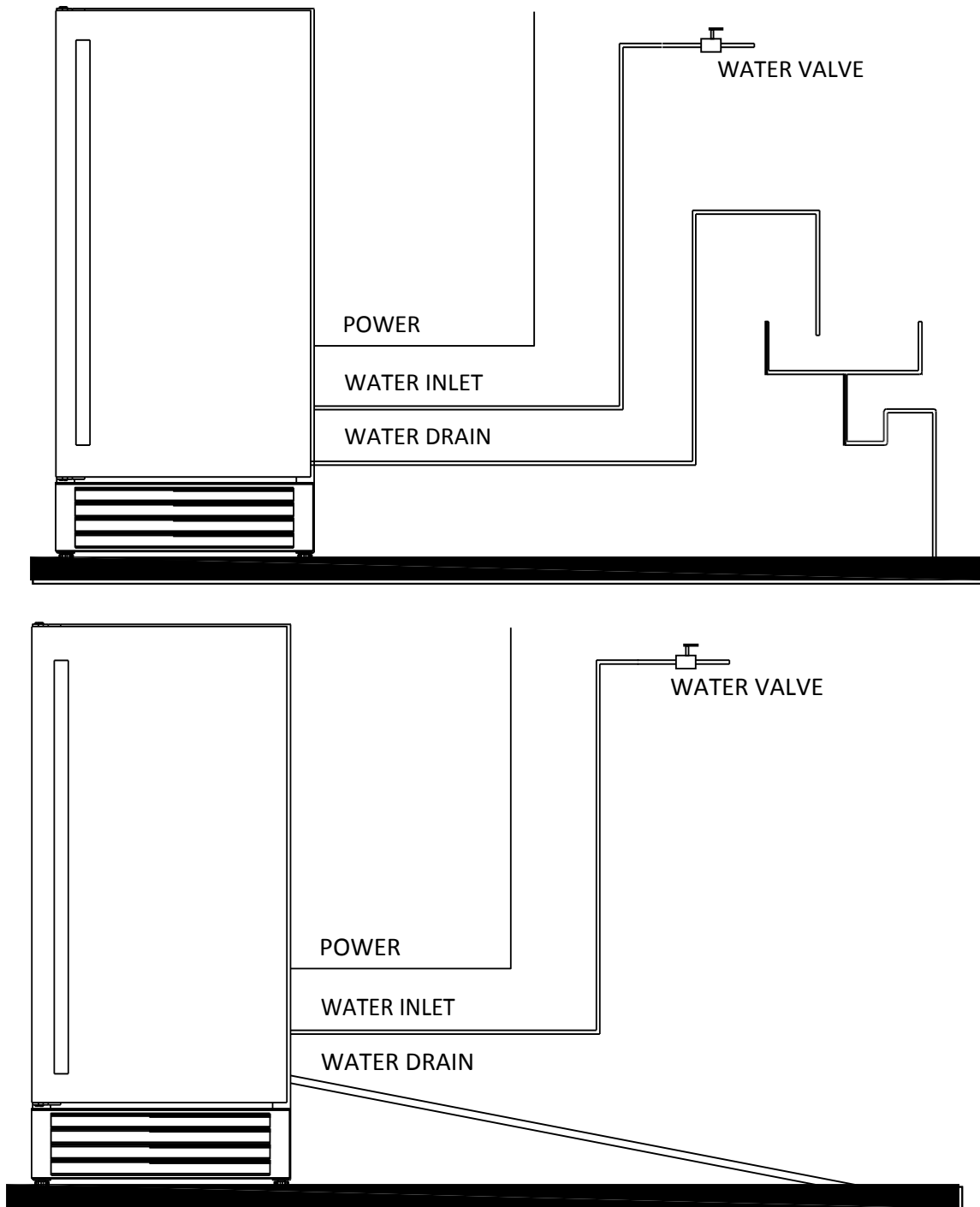
1. Check the power cord and make sure it is not plugged into the outlet.
2. Place the drain hose into a suitable container that can hold at least one gallon of water.
3. Pour one gallon of water into the ice storage bin.
4. Plug the power cord into a properly grounded, polarized electrical outlet.
5. The drain pump should start and pump the water from storage bin into the container. Continue until bin empties.
6. If water does not drain check power supply, confirm nothing is blocking water from drain.
7. Once water empties unplug the power cord and complete installation

DRAIN

You must connect the drain line before using the ice maker. Follow the steps below.

There are two types of ice machine modes, one that drains by gravity and one that has an internal drain pump.

This unit can pump out water up to a rise of 1.5m (59") or over a horizontal length of 1.5m (59").



CONNECTING THE DRAIN LINE

NOTE: If there is a drain line near the ice maker, the best choice is to drain water to the drain line through the drain water hose provided with ice maker.

1. Locate the floor drain near the ice maker. The distance should be less than 5 feet since the length of the long drain water hose provided with the ice maker is about 5 feet.
2. Find the drain outlet on the back of ice maker. Connect the water draining hose to the drain outlet, and insert the other end of the hose into the drain line.
3. Pour 1 gallon of water into the ice storage bin to check for leaks in the drainage system. Tighten any connections that leak.

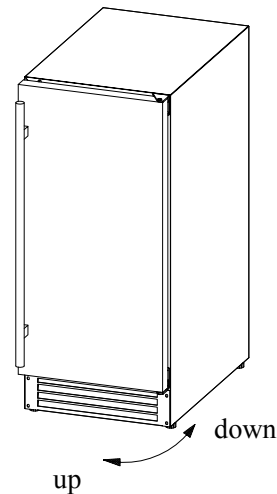
IMPORTANT: This ice maker is not a freezer. Infrequent drainage will cause a high rate of melting in the ice storage bin.

LEVELING THE UNIT

CAUTION

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

It is important for the ice maker to be leveled in order to work properly. Otherwise water will not flow properly through the evaporator (ice mold). The ice production will be less than normal, and may be noisy. The unit can be raised or lowered by rotating the plastic sheaths around each of the four rolling casters on the bottom of the machine. If you find that the surface is not level, rotate the casters until the ice maker becomes level. You may need to make several adjustments to level it. We recommend using a carpenter's level to check the machine.



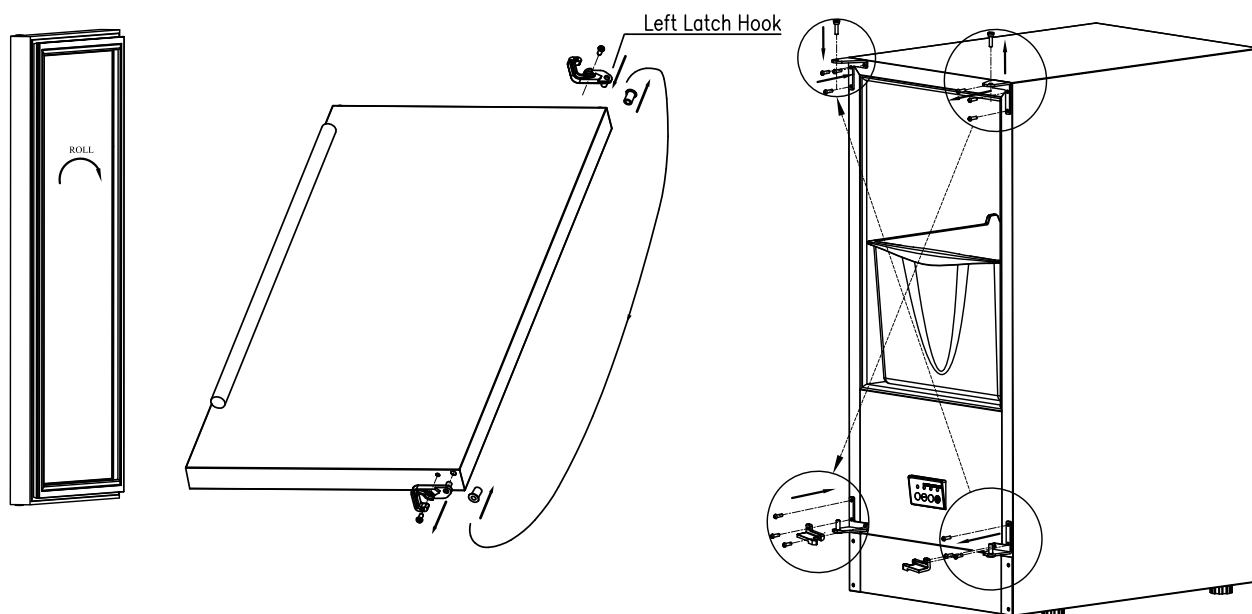
1. Place a carpenter's level on top of the unit to see if the ice maker is level from front to back and side to side.
2. Adjust the height of the casters as follows:
Turn the leveling casters to the right to lower that side of the ice maker.
Turn the leveling casters to the left to raise that side of the ice maker.

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.



1. Remove the door

Use the flathead screwdriver to unscrew the hinge pin from the top hinge, put it aside, then hold the door and lift to remove the door from the bottom hinge.

2. Swap the hinge locations

Use a Phillips screwdriver to unscrew the screws fixing the top and bottom hinges to uninstall them both.

Install the bottom right hinge to the left top of the cabinet and the top right hinge to the left bottom of the cabinet. Cover the right mounting holes by the plugs just disassembled from the left. Note: unscrew the hinge pin from the left top hinge for later door installation.

3. Change the latch mechanism on the door.

The door will rotate 180° to reverse swing, use a Phillips screwdriver to unscrew and remove the right latch hook from the bottom of the door and right latch from the previous right bottom hinge. find the left latch mechanism set in the accessory bag and install them to the left bottom of the door and left bottom hinge accordingly. Also move the door switch pin plate from the bottom to top of the door.

4. Install the door

Align the left latch block to the bottom hinge pin, insert the door. Align the pin sleeve on the top of the door to the top hinge and install the hinge pin, tighten firmly. The door reversing is complete.

OPERATION

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.

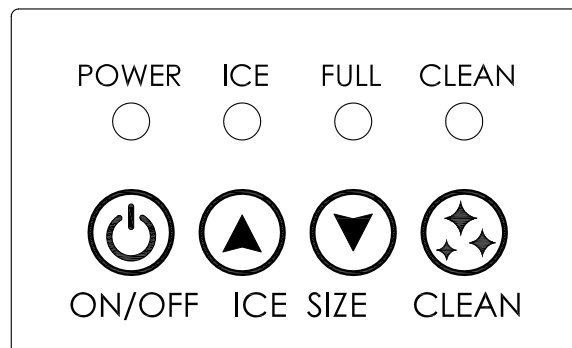
ICE MACHINE PRODUCTION

15" Slab Cube Ice Machine MU15IMS produces Ice in a slab with 32 ice cubes all connected by an ice bridge. The ice bridge will break apart when falling into the bin but may require contact with the ice scoop to separate to single or small groups of cubes. The ice machine will continue to produce ice until ice in the bin reaches the discharge for the slab ice; not allowing the harvested ice to enter the bin. Once the ice level drops in the bin the slab will fall and the ice machine will continue to produce ice.

FINAL CHECK LIST BEFORE OPERATION

1. Have all packing materials and tape been removed from the interior and exterior of the ice maker?
2. Did you clean the ice storage bin?
3. Have the installation instructions been followed, including connecting the machine to water and electricity?
4. Has the machine been leveled?
5. Is the ice maker in a site where the ambient temperature is within the range of normal room temperatures and the water temperature between 50°F (10°C) and 90°F (32°C) all year round?
6. Has the water supply pressure been checked to ensure a minimum of 15 psig with a static pressure not to exceed 80 psig?
7. Has the power supply voltage been checked or tested against the nameplate rating? And has proper grounding been installed in the ice maker?
8. Is the ice maker plugged in?
9. Have you turned on the main water supply and tap?
10. Have you checked for leaks at all water supply connections?

USING THE CONTROLS



FUNCTION		OPERATION
ON		Press ON to start automatic ice making, the ICE indicator lights. Note: All indicators lights for 3 minutes on initial running, and then switch to ice making automatically.
OFF		Press OFF to turn off and standby. Only POWER indicator lights.
Ice Size Adjustment	 	Press UP or DOWN to enter Ice Size Adjustment, beeper will sounds when operating. By press UP or DOWN, the ice size setting can be toggle from automatic default 0 position to +4 or -4. Each represents bigger or smaller ice size. CLEAN indicator blinks = +4 CLEAN indicator lights = +3 BIN FULL indicator lights = +2 ICE indicator lights = +1 ALL indicators lights = 0 (default) CLEAN indicator blinks = -1 BIN FULL indicator blinks = -2 ICE indicator blinks = -3 ICE indicator lights = -4 The setting will be saved and then automatically exit after 6 seconds. Note: Ice Size Adjustment is not available on Cleaning and Standby.
Cleaning		In Standby mode, Press and hold CLEAN for 3 seconds to run the clean program, this program will run for 30 minutes and standby.

Indicator Notification

POWER lights	Unit is powered on.
ICE lights	Ice making.
ICE blinks	Ice harvesting.
BIN FULL lights	Bin is full, and ice making has stopped.
BIN FULL blinks	Counting down to switch to ice making.
CLEAN lights	The cleaning program is running.
CLEAN blinks	Clean Reminder: ice making system cleaning is required.

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.

System Fault Notification

When the unit detects an error, indicator flashing. Please provide the error codes when contacting service.

EVP temperature sensor failure	ICE indicator fast blinks
CDN temperature sensor failure	CLEAN indicator fast blinks
High temperature	CLEAN indicator fastest blinks
Ice harvesting failure	ICE and BIN FULL indicators blinks together
Lack of water	BIN FULL and CLEAN indicators blinks together

MAINTENANCE

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. Make sure that all the ice is off the evaporator. If ice is being formed, wait until the cycle is completed, then turn off the ice maker to standby by press the Power button on the control panel.
2. Remove all ice from the storage bin.
3. Keep the ice maker connected to the water supply. Pour 8 oz. of Nickel-Safe Ice Machine Cleaner Solution into the water trough. Then press and hold the CLEAN button for 3 seconds to initiating the wash cycle. The ice maker will run in the Automatic Clean Mode.
4. Allow 30 minutes for proper cleaning. After cleaning, the ice machine will back to standby mode. Unclip and lower the drain tube of the water trough to drain the waste water to a convenient container. Don't drain off the waste water to the inside of the cabinet, then put the drain tube back.
5. Repeat steps 3 and 4 (without Ice Machine Cleaning Solution) three times to rinse the ice making system thoroughly.
6. Next, prepare a sanitizing solution made of 1 ounce of household bleach and 2 gallons of hot water (95° to 115°F). Fill a spray bottle with the sanitizing solution and spray all corners and edges, making sure to cover all surfaces with the solution. Wipe the entire bin inside and outside, covering the entire surface of the walls. Allow the solution to be in contact for at least 3 minutes, then dry.
7. Repeat steps 1 to 5 with the sanitizing solution of step 6 (bleach and water). Filling the water through to its maximum level.
8. Repeat steps 3 and 4 to rinse the ice making system one more time.
9. Press the Power button again. The ice maker will return to the regular ice making mode. Discard the first batch of ice.

WARNING

Unusual 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. listen for the pump to turn on and run, draining the remaining water. If you do not hear the drain pump run, pour some more water into the ice bin to trigger the pump to turn on. Once the pump has turned on, run, and then turned off, the water is sufficiently drained.
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 "PREPARING THE ICE MAKER FOR LONG STORAGE" instructions.

STARTING UP THE UNIT

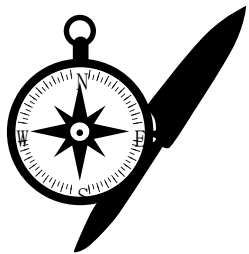
1. Turn on the water, check for leaks, and then turn on power.
2. Turn on the unit by pressing the power button.
3. The water inlet valve will turn on immediately to supply water to the unit. The water pump and compressor will turn on later (approximately 5 minutes) to initiate the ice making cycle. 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.

TROUBLESHOOTING

Before Calling for Service: If the unit appears to be malfunctioning, read through the “OPERATION” 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 Cause	Probable Correction
The machine doesn't operate.	The ice maker is unplugged.	Plug the ice maker in.
	The fuse is blown.	Replace fuse. If it happens again, call for service to check for a short circuit in the unit.
	The ice maker power button is set at OFF.	Switch the ice maker power button to ON.
	The ice storage bin is full of ice.	Remove some ice cubes. Be sure the ice-full probe is free of ice.
The water doesn't feed in after the machine starts.	The water supply tap is turned off.	Turn on the water supply tap.
	The water supply pipe is not properly connected.	Reconnect the water supply pipe.
Machine makes ice, but bin does not fill up with ice.	The condenser may be dirty.	Clean the condenser.
	The air flow to the ice maker may be obstructed.	Check the installation.
	The ambient temperature and water temperature are high, or unit is near some heat source.	Check the installation.
Water is leaking out of the unit.	Some water falls to the floor when you open the door to remove ice from storage bin.	Normal condensation on the door or some water together with ice. Take care when you take out ice.
	Water supply connection is leaking.	Tighten fitting. <i>See Connecting the water line.</i>
	Drain pipe higher than drain outlet.	Lower drain pipe.

Problem	Possible Cause	Probable Correction
Cubes are partially formed or are white on the bottom.	Not enough water in the water trough.	Check if the water supply pressure is below 15 psig.
		Check water supply or filter may be restricted.
		Check for a water leak at the water trough.
Noise during operation.	The feet are not leveled and locked.	Level and lock the feet. <i>See Leveling the Ice Maker.</i>
	Certain sounds are normal.	<i>See Normal Sounds.</i>
The ice maker stops suddenly while making ice.	The electricity is off.	Reconnect the power supply line.
	The room temperature is out of the stated range.	Cut off the electricity and leave the ice maker disconnected until the temperature returns to within the stated range.
	The ice storage bin is full of ice.	Remove some ice cubes; make sure the ice-full probe is free of ice.
The body of the ice maker is electrified.	The ground line isn't in the socket.	Use a socket meeting the grounding requirements.
Scaling occurs frequently inside the machine.	The hardness level of the water is too high.	Install a water-softening device in front of the water inlet.
Water leaks from the ice storage bin.	The drainhole below the ice storage bin is blocked.	Remove the ice storage bin and clean the drainhole.
	The drain hose is kinked or improperly placed higher than the floor of the ice storage bin.	Check the drain hose to be sure water can be drained out unhindered.
Buzzer alarm.	Problem in pumping out water.	Check for correct operation of drain water pump, water level switch and drain tube.



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