

# QUICK START GUIDE



# QUICK START GUIDE

---

## WELCOME TO U-LINE

Congratulations on your U-Line purchase! Our products are focused on functionality, style, and inspired innovations — paying close attention to even the smallest details. Applications include residential, outdoor, ADA height compliant, marine, and commercial. Product categories include Beverage Centers, Wine Refrigerators, Ice Machines, Refrigerators, Freezers, and Dispensers. Our advanced refrigeration systems, large and flexible capacities, and clean integrated look are what makes our products Built-In to Stand Out®. Since 2014, U-Line has been part of the Middleby family of brands.

**U-Line — RIGHT PRODUCT. RIGHT PLACE. RIGHT TEMPERATURE.®**

## PRODUCT INFORMATION

Looking for additional information on your product? User Guides, Spec Sheets, CAD Drawings, and Product Warranty information are available digitally on [u-line.com](http://u-line.com).

## PROPERTY DAMAGE / INJURY CONCERNS

In the unlikely event property damage or personal injury is suspected related to a U-Line product, please take the following steps:

1. U-Line Customer Care must be contacted immediately at +1.414.354.0300.
2. Service or repairs performed on the unit without prior written approval from U-Line is not permitted. If the unit has been altered or repaired in the field without prior written approval from U-Line, claims will not be eligible.

## GENERAL INQUIRIES

U-Line Corporation  
8900 N. 55th Street  
Milwaukee, Wisconsin 53223 USA  
Monday - Friday 8:00 am to 4:30 pm CST  
T: +1.414.354.0300  
Email: [sales@u-line.com](mailto:sales@u-line.com)  
[u-line.com](http://u-line.com)

## SERVICE & PARTS ASSISTANCE

Monday - Friday 8:00 am to 4:30 pm CST  
T: +1.414.354.0300  
Service Email: [onlineservice@u-line.com](mailto:onlineservice@u-line.com)  
Parts Email: [onlineparts@u-line.com](mailto:onlineparts@u-line.com)

## CONNECT WITH US AT MIDDLEBY REFRIGERATION

# QUICK START GUIDE

---

**This Quick Start Guide covers the basics of installation and general use of your product.**

## CONTENTS

Safety and Warning	4
Environmental Requirements	5
Electrical	5
Water Hookup	6
Door Adjustments	8
Door Swing	9
General Installation	10
Integrated Panel Installation	11
Control Operation	12
First Use	12
Airflow & Product Loading	12
Ice	13
Cleaning	14
Warranty	16

**For more details, see the complete User Guide & Service Manual on [u-line.com](http://u-line.com).**

# QUICK START GUIDE

---

## Safety and Warning

### NOTICE

**Please read all instructions before installing, operating, or servicing the appliance.**

Use this appliance for its intended purpose only and follow these general precautions with those listed throughout this guide:

### SAFETY ALERT DEFINITIONS

Throughout this guide are safety items labeled with a Danger, Warning, or Caution based on the risk type:

#### **DANGER**

**Danger means that failure to follow this safety statement will result in severe personal injury or death.**

#### **WARNING**

**Warning means that failure to follow this safety statement could result in serious personal injury or death.**

#### **CAUTION**

**Caution means that failure to follow this safety statement may result in minor or moderate personal injury, property, or equipment damage.**

#### **DANGER**

**This unit contains R600a (Isobutane) which is a flammable hydrocarbon. It is safe for regular use. Do not use sharp objects to expedite defrosting. Do not service without consulting the “R600a specifications” section included in the User Guide. Do not damage the refrigerant circuit.**

#### **WARNING**

**Service must be done by factory authorized service personnel. Any parts shall be replaced with like components. Failure to comply could increase the risk of possible ignition due to incorrect parts or improper service.**

### CALIFORNIA PROPOSITION 65

**This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.**

[www.P65warnings.CA.gov](http://www.P65warnings.CA.gov)

#### **CAUTION**

**This equipment is to be installed with adequate backflow protection to comply with applicable federal, state and local codes.**



# QUICK START GUIDE

---

## Environmental Requirements

This model is intended for indoor/interior applications only and is not to be used in installations that are open/exposed to natural elements.

This unit is designed to operate between 50°F (10°C) and 100°F (38°C). Higher ambient temperatures may reduce the unit's ability to reach low temperatures and/or reduce ice production on applicable models.

For best performance, keep the unit out of direct sunlight and away from heat generating equipment.

In climates where high humidity and dew points are present, condensation may appear on outside surfaces. This is considered normal. The condensation will evaporate when the humidity drops.



**Damages caused by ambient temperatures of 40°F (4°C) or below are not covered by the warranty.**

## Electrical



**SHOCK HAZARD — Electrical Grounding Required. Never attempt to repair or perform maintenance on the unit until the electricity has been disconnected.**

**Never remove the round grounding prong from the plug and never use a two-prong grounding adapter.**

**Altering, cutting or removing power cord, removing power plug, or direct wiring can cause serious injury, fire, loss of property and/or life, and will void the warranty.**

**Never use an extension cord to connect power to the unit.**

**Always keep your working area dry.**

### NOTICE

**Electrical installation must observe all state and local codes. This unit requires connection to a grounded (three-prong), polarized receptacle that has been placed by a qualified electrician.**

The unit requires a grounded and polarized 115 VAC, 60 Hz, 15A power supply (normal household current). An individual, properly grounded branch circuit or circuit breaker is recommended. A GFCI (ground fault circuit interrupter) is usually not required for fixed location appliances and is not recommended for your unit because it could be prone to nuisance tripping. However, be sure to consult your local codes.

See CUTOUT & PRODUCT DIMENSIONS for recommended receptacle location.

# QUICK START GUIDE

## Water Hookup

### WATER SUPPLY

#### ⚠ CAUTION

Observe and follow all local building codes when installing this appliance.

This ice machine must be connected to a potable cold water supply line, delivering water pressure between a minimum of 20 psi and a maximum of 120 psi.

Use 1/4" copper tubing for your water supply which is available at any local hardware or plumbing supply store. Route the 1/4" copper tubing to suit your installation being sure not to kink the tubing. Purchase enough copper tubing length to allow a coil to be formed behind the unit for a "service loop" which will allow the appliance to be pulled out from the installation for servicing or cleaning. (See Figure 11). Connect the copper tubing to the "top side" of a cold water pipe to prevent the ice-maker from plugging with sediment.

A shutoff valve is recommended on the water supply line to ease servicing the appliance. NOTE: A SELF-PIERCING TYPE VALVE IS NOT RECOMMENDED as they are prone to clogging with sediment which will create pressure drop reducing the water supply to the unit.

Connect the copper tubing water supply to the water valve inlet with a 1/4" compression nut fitting.

IMPORTANT: Secure the water supply line to the back of the cabinet with the screw and strain relief clamp provided in the corner of the back panel.

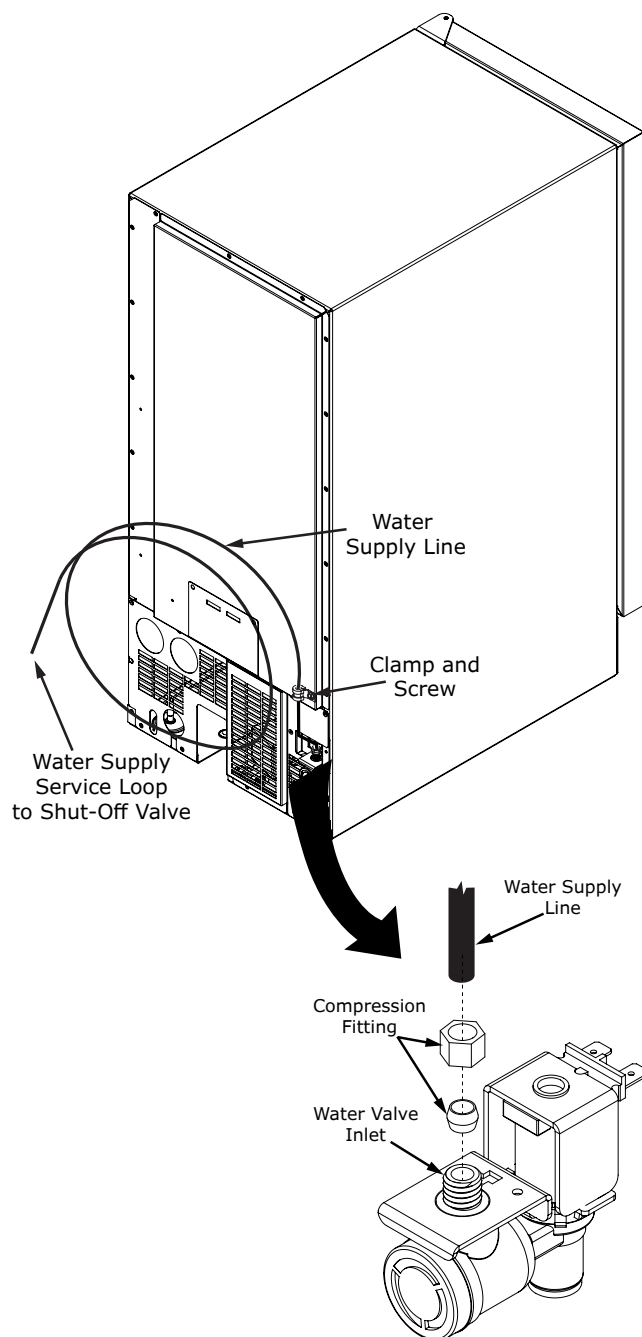
Make certain all connections are watertight after installation. Form the tubing so that it will not vibrate against the cabinet body or kink when your appliance is moved in and out of position.

This ice machine is designed to make clear ice from the majority of water sources on a daily basis. If your results are unsatisfactory, your water may need to be filtered or treated. A water specialist can recommend proper water treatment.

#### ⚠ CAUTION

To prevent water leaks:

- The water line fitting is to be used with copper tubing only. Do not use with plastic tubing.
- Do not use any thread sealers on this water line fitting.



#### NOTE:

**Reverse osmosis (RO) water, softened water, and de-ionized water are not recommended as they can adversely affect the quality and quantity of the ice.**

# QUICK START GUIDE

## Drain

### DRAIN CONNECTION

#### ⚠ CAUTION

The floor drain must be large enough to accommodate drainage from all attached drains. Follow these guidelines when installing drain lines to prevent water from flowing back into the ice maker storage bin and/or potentially flowing onto the floor, which may result in personal injury or property damage

#### NOTICE

Drain can NOT be located directly below the unit. Unit has a solid base that will not allow the unit to drain below itself.

There is a possibility that hose connections may have loosened during shipment.

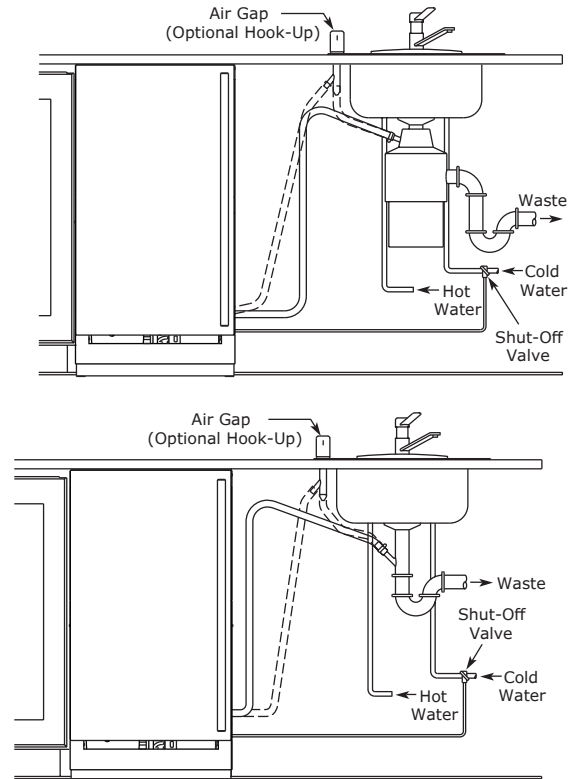
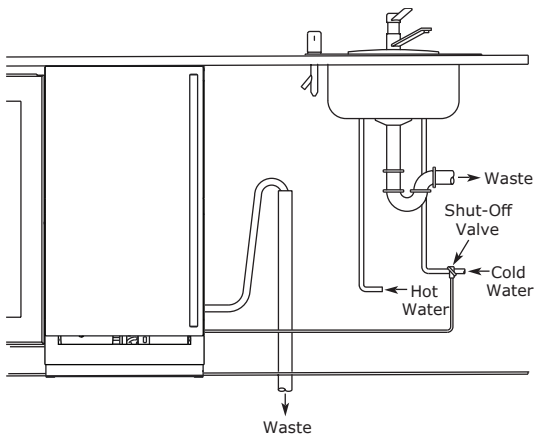
Verify all connections and fittings are free from leaks.

#### ⚠ CAUTION

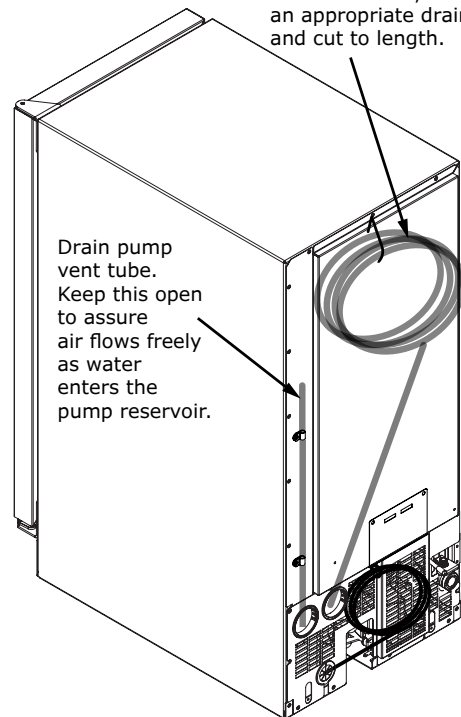
This equipment is to be installed with adequate backflow protection to comply with applicable federal, state and local codes

#### ⚠ CAUTION

Failure to connect water supply or drain line connections properly can result in personal injury and property damage. Gravity drain connections must be routed downward from the rest of the unit at the rate of 1/4" per foot (1 cm per 50 cm).



Drain line coiled and secured to the back of the cabinet. Uncoil, route to an appropriate drain, and cut to length.



#### NOTICE

The maximum lift for the drain pump is 10 feet. This must be done as close to the rear of the unit as possible.

# QUICK START GUIDE

## Door Adjustments

### DOOR ALIGNMENT AND ADJUSTMENT

Align and adjust the door if it is not level or not sealing properly. If the door is not sealed, the unit may not cool properly, or excessive frost or condensation may form in the interior.

#### NOTICE

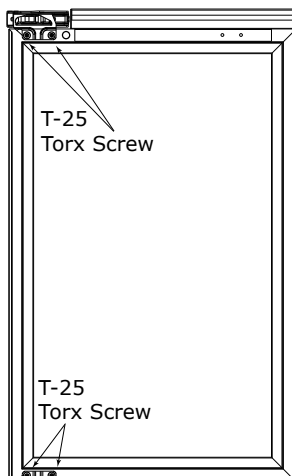
**Properly aligned, the door's gasket should be firmly in contact with the cabinet all the way around the door (no gaps). Carefully examine the door's gasket to ensure that it is firmly in contact with the cabinet. Also make sure the door gasket is not pinched on the hinge side of the door.**

#### CAUTION

**Do not attempt to use the door to raise or pivot your unit. This would put excessive stress on the hinge system.**

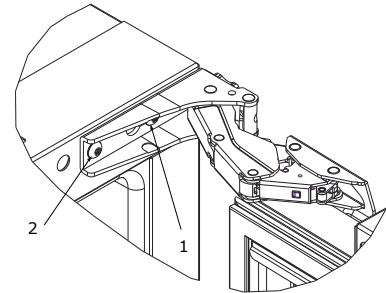
### Alignment and Adjustment Procedure

1. Open door and remove gasket near the hinges.
2. Using a T-25 Torx bit, loosen each pair of Torx head screws both the upper and lower hinge plates.
3. Square and align door as necessary.
4. Tighten Torx head screws on hinge.
5. Reinstall gasket into the channel starting at the corner.



### REVERSING THE DOOR

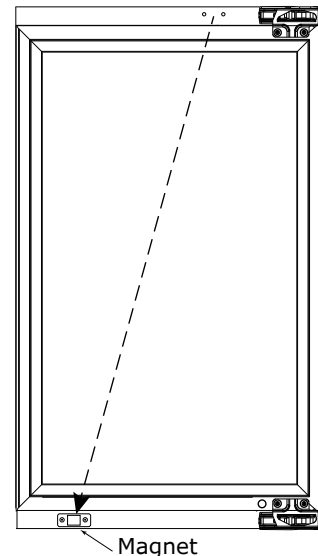
1. Open door.
2. Using T-25 Torx bit loosen screw #1 and remove screw #2 on top and bottom hinge. Slide and remove the door from the unit.



3. Using #2 Phillips bit, remove the 4 underlying screws. Reinstall the screws and caps on the opposite side.
4. Partially install screw #1 in the outer most holes on top and bottom. Rotate door 180o, align hinge over screw #1 and slide/seat into position. Reinstall screw #2 on top and bottom. Tighten both screws and install hinge cover.

### Reposition Magnet

1. Remove magnet by taking out 2 screws.
2. Install magnet at other end of door.



### Align and adjust the door:

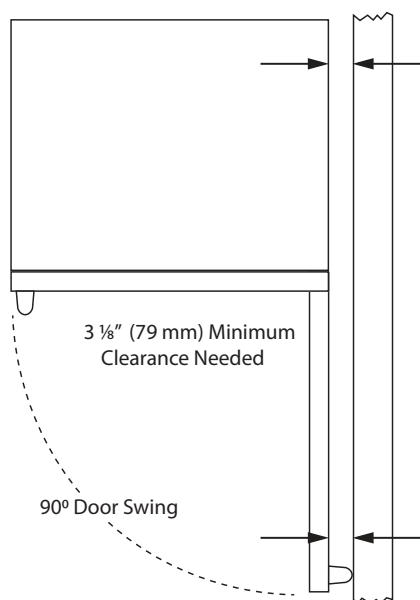
Align and adjust the door (see DOOR ALIGNMENT AND ADJUSTMENT).



# QUICK START GUIDE

---

## Door Swing



Stainless steel models require 3 1/8" (79 mm) door clearance to accommodate the handle if installed next to a wall.

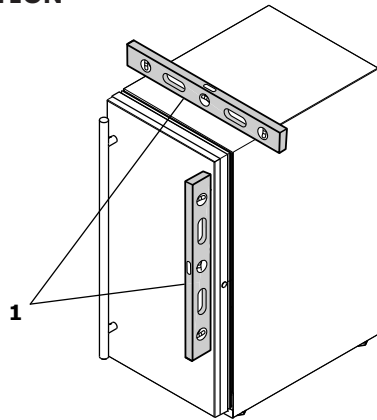
# QUICK START GUIDE

---

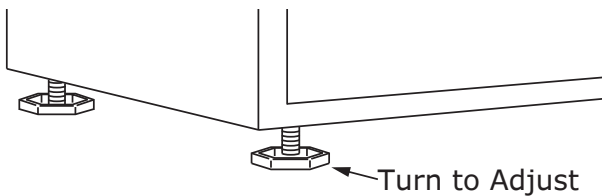
## General Installation

### LEVELING INFORMATION

1. Use a level to confirm the unit is level. Level should be placed along top edge and side edge as shown.



2. If the unit is not level, adjust the legs on the corners of the unit as necessary.



3. Confirm the unit is level after each adjustment and repeat the previous steps as needed.

### INSTALLATION TIP

If the room floor is higher than the floor in the cutout opening, adjust the rear legs to achieve a total unit rear height of  $\frac{1}{8}$ " (3 mm) less than opening's rear height. Shorten the unit height in the front by adjusting the front legs. This allows the unit to be gently tipped into the opening. Readjust the front legs to level the unit after it is correctly positioned in the opening.

### INSTALLATION

1. Plug in the power/electrical cord.
2. Gently push the unit into position. Be careful not to entangle the cord or water and drain lines, if applicable.
3. Re-check the leveling, from front to back and side to side. Make any necessary adjustments. The unit's top surface should be approximately  $\frac{1}{8}$ " (3 mm) below the countertop.
4. Remove interior packing material and wipe out the inside of the unit with a clean, water-dampened cloth.

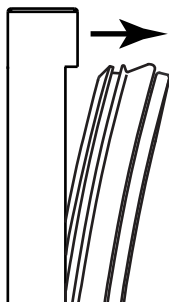
# QUICK START GUIDE

## Integrated Panel Installation

1. Fully open door.

2. Starting at corner, pull gasket away from door.

3. Continue to pull gasket free from gasket channel.



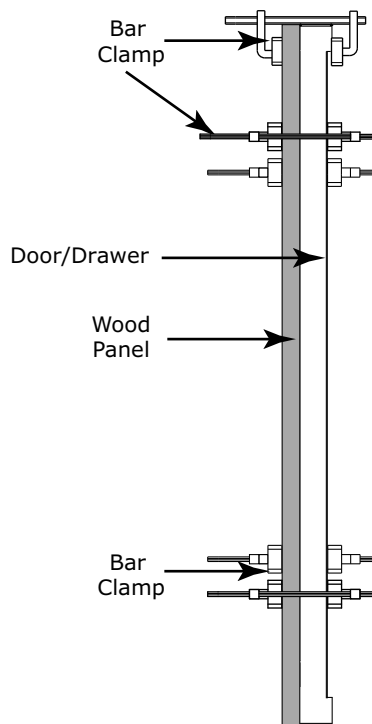
4. Upon removal, lay gasket down on a flat surface.

5. Align top of panel with top edge of door. Center panel on door.

### NOTICE

**Due to differences in floor construction or surrounding cabinetry, the panel may not sit flush with the top of the door.**

6. Secure integrated panel to door using clamps. A robust tape may also be used. U-Line recommends the use of bar clamps to secure the panel to the door. If using tape, be certain the tape will not damage panel finish upon removal.



7. Using a 7/64" (3 mm) drill bit, drill 6 pilot holes into the wood panel 1/2" (12 mm) deep using the holes in the door frame as a guide.

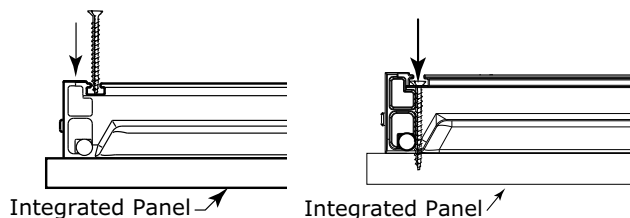
### NOTICE

**It is important to ensure that all drilled holes are drilled to the correct depth in order to avoid splits in the wood when hardwood is installed.**

8. Locate 6 of the #6x 1-1/2" (38 mm) screws provided with your unit.

9. Using a Phillips screwdriver, place one screw into each of the 6 pilot holes and screw down. Do not overtighten screws.

10. Ensure the screws sit flush against the bottom of the channel.



11. Remove clamps from door.

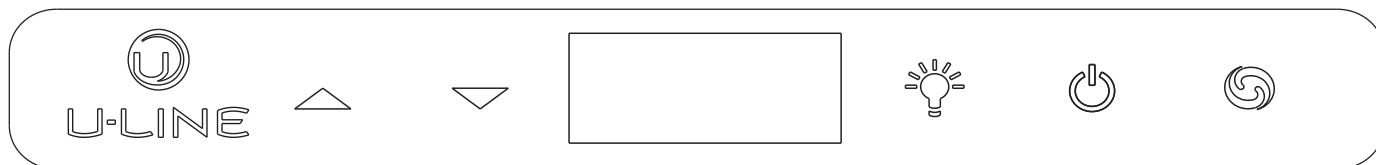
### NOTICE

**If panel requires additional adjustment after removing clamps, slightly loosen each screw and adjust panel as necessary. Tighten screws upon completion.**

12. Starting at the corners, re-install the gasket into the gasket channel in the frame. Make sure the gasket is fully seated.

# QUICK START GUIDE

## Control Operation



## Control Function Guide

Function	Command	Notes
ON/OFF	Press  and release.	Unit will immediately turn ON or OFF.
Enable Sabbath Mode	Press  and hold for 5 seconds and release.	The °F / °C symbol will flash briefly after 5 seconds. Interior light and display will go dark and remain so until user resets mode - unit continues to operate.
Disable Sabbath Mode	Press  and release.	Display and interior light return to normal operation.
Silent Mode (ice production suspended for 3 hours)	Hold  and .	Display will count down the hours: 3H, 2H, 1H
Clean Mode	See "Cleaning" section	
Showroom Mode	Hold  and  for 5 seconds.	The °F / °C symbol will flash. Display will be lit and interior light will function. <b>Unit will not cool.</b> Repeat command to return to normal operation.

### Door Alert Notification

When the door is left open for more than 30 minutes:

- A tone will sound for several seconds every minute
- will appear in display
- Close door to silence alert and reset

## First Use

Initial startup requires no adjustments. See CONTROL OPERATION section for more details.

### NOTICE

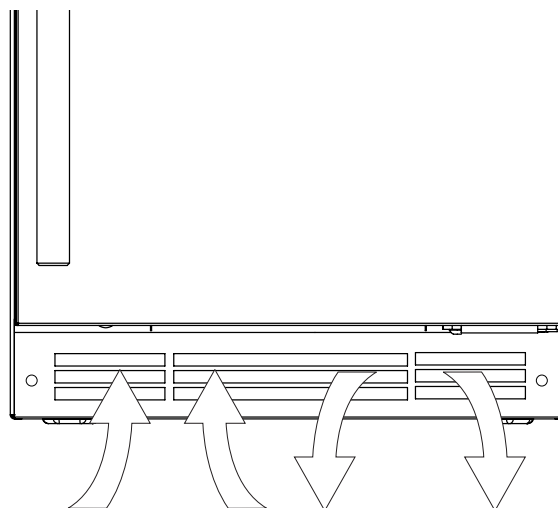
**Discard the ice produced during the first two or three hours of operation to avoid possible dirt or scale that may dislodge from the water line.**

When plugged in, the unit will begin operating under the factory default settings. If the unit was turned off during installation, simply press and the unit will immediately switch on. To turn the unit off, press and release.

## Airflow and Product Loading

### NOTICE

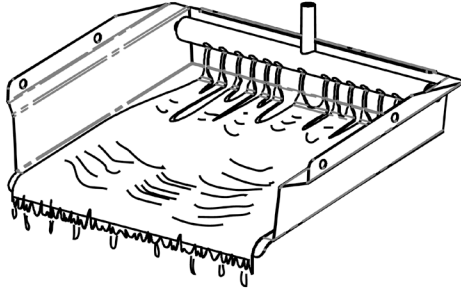
**The unit requires proper airflow to perform at its highest efficiency. Do not block the front grille at any time, or the unit will not perform as expected. Do not install the unit behind a door.**



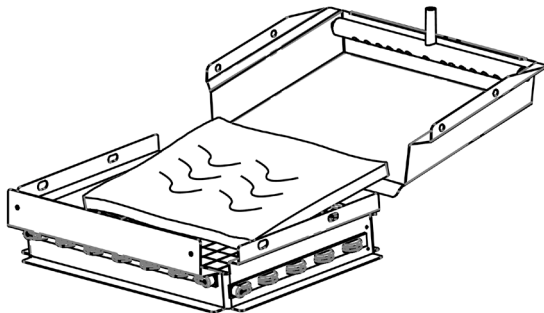
# QUICK START GUIDE

## ICE

Your ice machine is unique in how it forms ice with fractional freezing to form a slab of ice that is clear and has less dissolved solids than the water from which it is produced. This is accomplished by running water over the cold evaporator plate which gradually freezes the water to produce the ice slab. Pure water freezes first, leaving the dissolved solids in the residual reservoir water.

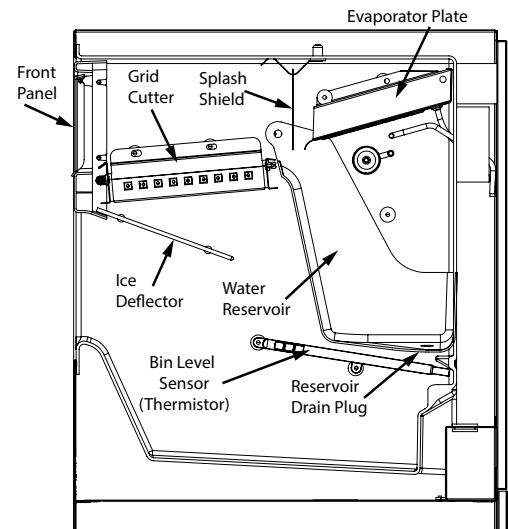
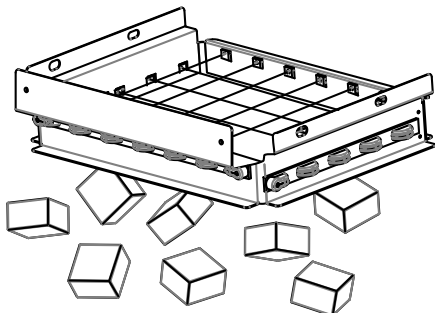


When the ice slab reaches the correct thickness, the ice sheet is released and slides onto the grid cutter. There, the ice slab is cut into cubes by the grid cutter's heated wires. The water containing the dissolved minerals is drained after each freezing cycle. Fresh water enters the machine for the next ice making cycle.



The ice machine will keep producing ice until the ice machine's bin is full, resuming automatically as needed. The ice bin is not refrigerated, and some melting will occur by design to preserve the ice quality and clarity. Allow your ice machine to run for 24-48 hours to accumulate ice.

The bin level sensor is located in the ice bin, it senses when the ice supply is low or full and starts or stops the ice-making process accordingly.



## ICE PRODUCTION

In normal mode, the ice machine will produce up to 39 pounds (17.7 kg) of clear ice in a 24-hour period when installed in a 72° F ambient with a 55° F water supply.

### Note:

"Initial" ice production and ice accumulated in the storage bin will vary significantly. This is normal. During the first 24-hours of operation the unit will produce up to 39 lbs of ice at the above ambient and water temperatures, but when starting with an empty ice storage bin, ice accumulation may only be 18 lbs. By design, the ice storage bin is maintained at a temperature slightly above freezing to allow the stored ice to slowly melt, to preserve the ice quality and clarity and assure a constant supply of fresh ice. As ice is accumulated in the bin, the ice production rate will over come the ice melt and the storage bin will fill to capacity.

## NEW SOUNDS

The ice machine will make sounds that are different than your household refrigerator. The ice production process creates noises such as ice falling onto hard surfaces, water cascading across the evaporator, and valves opening and closing. Below are some of the sounds you may hear:

**Buzzing** - water valve opens to fill water reservoir.

**Rattling** - water flowing through water line.

**Splashing** - water flowing over evaporator plate and into reservoir.

A "Thud" - ice slab sliding down onto the grid cutter.

**Clicks** - ice cubes falling into the ice storage bin.

**Gurgling** - refrigerant flowing in the ice machine.

**Air** - the condenser fan.



# QUICK START GUIDE

## Cleaning

Homes with poor water quality or high clear ice usage might require more frequent cleaning.

To clean your ice machine you will need to purchase a "nickel safe" ice maker cleaner.

### ⚠ CAUTION

**Use only manufacturer-approved ice machine cleaner and follow all label warnings and directions. Incorrect chemical usage, and any damage that may result, is not covered by warranty.**

Order ice machine cleaner online:  
[www.u-line.com](http://www.u-line.com)  
Part # 80-55667-00

A "CLEAN" reminder will occur every 6 months to remind you that it may be time to clean your appliance. Over time mineral build up on the cold evaporator plate can occur which can adversely affect the quality of your ice. This build-up is dependent on your water source and usage. Normal ice production will continue while the "CLEAN" reminder is displayed. When reset, the "CLEAN" reminder will reset and not occur for another 6 months. If you choose to clean the appliance at this time, see the options menu section below.

### Clean mode:

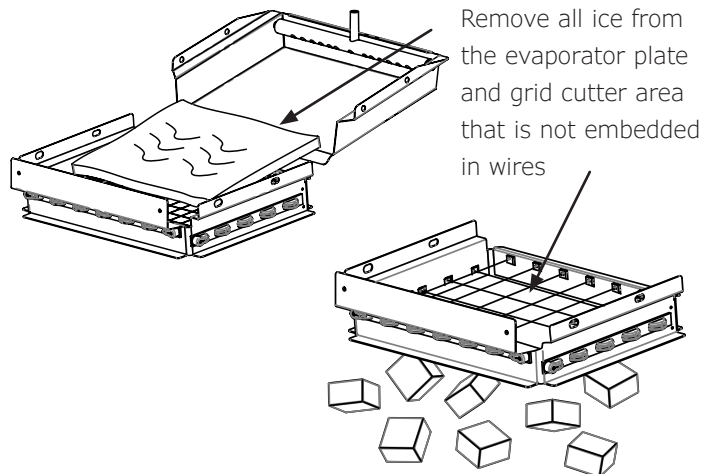
To ensure maximum performance and ice quality, it is recommended to clean your ice machine once every six months. This simple cleaning routine will also ensure water and energy use continues at optimum efficiency.

### To Clean Your Ice Machine:


1. Turn the ice machine off by pressing and holding the "ON/OFF" icon for 3 seconds.
2. Remove all ice from the ice maker including from the evaporator and grid cutter.

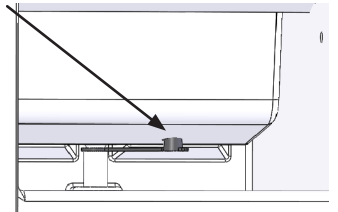
### ⚠ CAUTION

**Forcing ice through the grid cutter will break the grid cutter wires.**

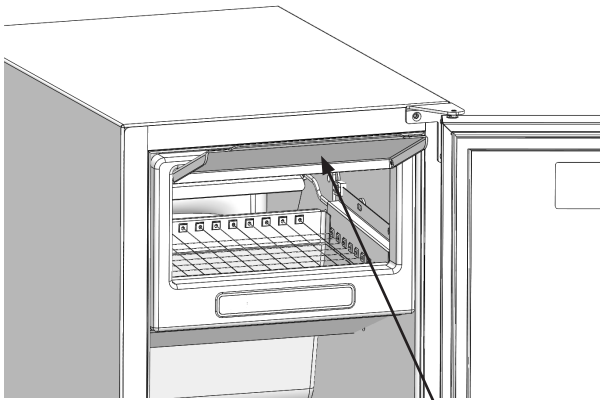


### DRAIN PLUG

3. Drain the water from the water reservoir by removing the black plug from the bottom of the fresh water reservoir.
4. After the water is drained, replace the plug in the bottom of the reservoir.
5. Add cleaning solution to the evaporator plate - refer to your cleaning solution instructions to determine the proper amount of solution to add based on 2 quarts (1.9 liters) of water.
6. Turn the ice machine on
7. On the control, turn on clean mode by holding  for 5 seconds.
8. Your ice maker will fill with water and circulate over the evaporator for two 15-minute cycles then will resume normal production.
9. Remove the first 2-3 new batches of ice from your ice maker before using.

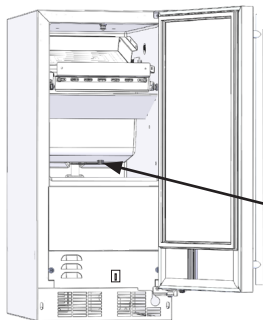
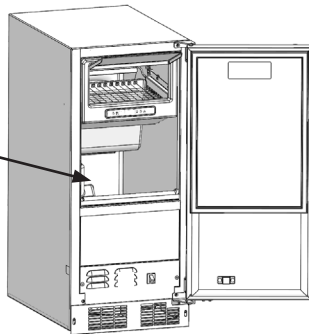


# QUICK START GUIDE

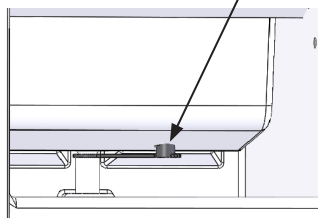


Lift splash shield up to access evaporator plate

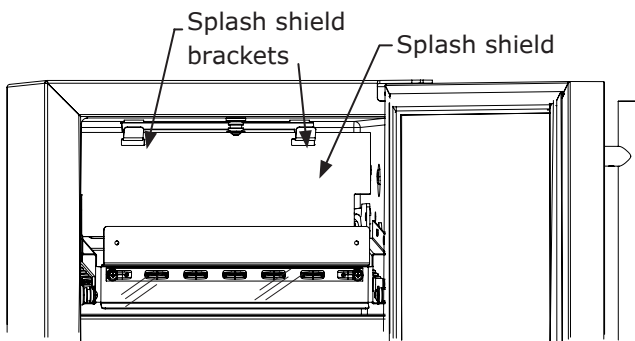
Remove all of the ice from the ice bin



Remove the black reservoir drain plug from the bottom of the reservoir.



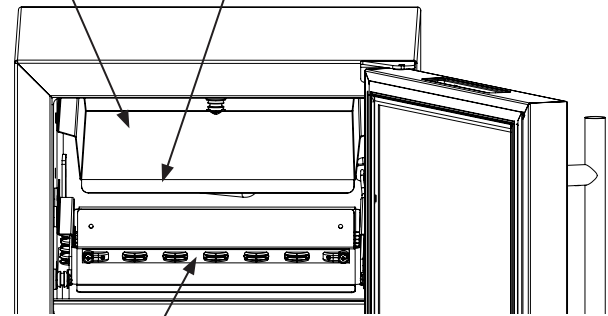
Lift splash shield up to access evaporator plate. Pour the cleaning solution slowly on the evaporator plate so it flows down into the fresh water reservoir.



Replace the splash shield if removed.

After the cleaning cycle is completed, verify that all build-up has been removed. If not, repeat the clean cycle procedure.

Evaporator plate  
Pour cleaning solution slowly onto the front edge of evaporator plate behind the grid cutter.



Grid cutter

## CABINET

The painted cabinet can be washed with a mild soap and water and thoroughly rinsed with clear water. NEVER use abrasive scouring cleaners.

## EXTERIOR

Routine cleaning of the stainless steel surfaces will serve to greatly extend the life of your product by removing contaminants. This is especially important in coastal areas which can expose the stainless to severe contaminants such as halide salts (sodium chloride).

It is strongly recommended to periodically inspect and thoroughly clean crevices, weld points, under gaskets, rivets, bolt heads, and any locations where small amounts of liquid could collect, become stagnant, and concentrate contaminants. Additionally, any mounting hardware that is showing signs of corrosion should be replaced.

## INTERIOR

Wash interior compartment with mild soap and water. Do NOT use an abrasive cleaner, solvent, polish cleaner, undiluted detergent or chlorine based cleaners.

# U-Line Corporation (U-Line) Limited Warranty

## One Year Limited Warranty

For one year from the date of original purchase, this warranty covers all parts and labor to repair or replace any part of the product that proves to be defective in materials or workmanship. For products installed and used for normal residential use, material cosmetic defects are included in this warranty, with coverage limited to 60 days from the date of original purchase. All service provided by U-Line under the above warranty must be performed by a U-Line factory authorized servicer, unless otherwise specified by U-Line. Service provided during normal business hours.

## Two Year Limited Warranty (5 Class Product)

For two years from the date of original purchase, this warranty covers all parts and labor to repair or replace any part of the product that proves to be defective in materials or workmanship. For products installed and used for normal residential use, material cosmetic defects are included in this warranty, with coverage limited to 60 days from the date of original purchase. All service provided by U-Line under the above warranty must be performed by a U-Line factory authorized servicer, unless otherwise specified by U-Line. Service provided during normal business hours.

## Available Second & Third Year Limited Warranty

In addition to the standard one and two year warranties outlined above, U-Line offers a one year extension of the warranties from the date of purchase, free of charge. To take advantage of this extension, you must register your product with U-Line within 60 days from the date of purchase at [u-line.com](http://u-line.com) and provide proof of purchase.

## Five Year Sealed System Limited Warranty

For five years from the date of original purchase, U-Line will repair or replace the following parts, labor not included, that prove to be defective in materials or workmanship: compressor, condenser, evaporator, drier, and all connecting tubing. All service provided by U-Line under the above warranty must be performed by a U-Line factory authorized servicer, unless otherwise specified by U-Line. Service provided during normal business hours.

## Terms

These warranties apply only to products installed in any one of the fifty states of the United States, the District of Columbia, or the ten provinces of Canada. The warranties do not cover any parts or labor to correct any defect caused by negligence, accident or improper use, maintenance, installation, service, repair, acts of God, fire, flood or other natural disasters. The product must be installed, operated, and maintained in accordance with your product's User Guide.

The remedies described above for each warranty are the only ones that U-Line will provide, either under these warranties or under any warranty arising by operation of law. U-Line will not be responsible for any consequential or incidental damages arising from the breach of these warranties or any other warranty, whether express, implied, or statutory. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. These warranties give you specific legal rights, and you may also have other rights which vary from state to state.

Any warranty that may be implied in connection with your purchase or use of the product, including any warranty of *merchantability* or any warranty *fit for a particular purpose* is limited to the duration of these warranties, and only extends to five years in duration for the parts described in the section related to the five year limited warranty above. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

- The warranties only apply to the original purchaser and are non-transferable.
- The second, third, and five year warranties cover products installed and used for normal residential or designated marine use only.
- The warranties apply to units operated outside only if designed for outdoor use by model and serial number.
- U-Line Commercial products are covered by the one year and 5 year limited warranties and are not eligible for the second and third year limited warranties.
- Replacement water filters, light bulbs, and other consumable parts are not covered by these warranties.
- The start of U-Line's obligation is limited to four years after the shipment date from U-Line.
- In-home instruction on how to use your product is not covered by these warranties.
- Food, beverage, and medicine loss are not covered by these warranties.
- If the product is located in an area where U-Line factory authorized service is not available, you may be responsible for a trip charge or you may be required to bring the product to a U-Line factory authorized service location at your own cost and expense.
- Units purchased after use as floor displays, and/or certified reconditioned units, are covered by the limited one year warranty only and no coverage is provided for cosmetic defects.
- Signal issues related to Wi-Fi connectivity are not covered by these warranties.

For parts and service assistance, or to find U-Line factory authorized service near you, contact U-Line:  
8900 N. 55<sup>th</sup> Street, Milwaukee, WI 53223 • [u-line.com](http://u-line.com) • [onlineservice@u-line.com](mailto:onlineservice@u-line.com) • +1.414.354.0300