# USER GUIDE

SAFETY • INSTALLATION & INTEGRATION • OPERATING INSTRUCTIONS • MAINTENANCE • SERVICE

2000 Series • 2224RGL • 24" Glass Door Refrigerator

**Tip:** Click on any section below to jump directly there

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## WELCOME TO U-LINE

Congratulations on your U-Line purchase. Your product comes from a company with over five decades and three generations of premium modular ice making, refrigeration, and wine preservation experience. U-Line continues to be the American leader, delivering versatility and flexibility for multiple applications including residential, light commercial, outdoor and marine use. U-Line's complete product collection includes modular Wine Captain® Models, Beverage Centers, Clear Ice Machines, Crescent Ice Makers, Glass & Solid Door Refrigerators, Drawer Models, Freezers, and Combo® Models.

U-Line has captivated those with an appreciation for the finer things with exceptional functionality, style, inspired innovations and attention to even the smallest details. We are known and respected for our unwavering dedication to product design, quality and selection. U-Line is headquartered in Milwaukee, Wisconsin with a west coast office located in Laguna Beach, California and European support in Dublin, Ireland. U-Line has shipped product to five continents for over two decades and is proud to have the opportunity to ship to you.

## PRODUCT INFORMATION

Looking for additional information on your product? User Guides, Quick Reference Guides, CAD Drawings, Compliance Documentation, and Product Warranty information are all available for reference and download at u-line.com under Documentation.

## 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 +1.800.779.2547.
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.

## SERVICE INFORMATION

Answers to Customer Frequently Asked Questions are available at u-line.com under Customer Care or you may contact our Customer Care group directly, contact information below.

### 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
F: +1.414.354.7905
Email: sales@u-line.com
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### SERVICE & PARTS ASSISTANCE

Monday - Friday 8:00 am to 5:30 pm CST
T: +1.800.779.2547
F: +1.414.354.5696
Service Email: onlineservice@u-line.com
Parts Email: onlineparts@u-line.com

### CONNECT WITH US

Designed, engineered and assembled in WI, USA

# 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.**

# Disposal and Recycling

**⚠ DANGER**

**RISK OF CHILD ENTRAPMENT. Before you throw away your old refrigerator or freezer, take off the doors and leave shelves in place so children may not easily climb inside.**

If the unit is being removed from service for disposal, check and obey all federal, state and local regulations regarding the disposal and recycling of refrigeration appliances, and follow these steps completely:

1. Remove all consumable contents from the unit.

2. Unplug the electrical cord from its socket.

3. Remove the door(s)/drawer(s).

# 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.

**⚠ CAUTION**

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

# Electrical

**⚠ WARNING**

**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 DIMENSIONS for recommended receptacle location.

# Cutout Dimensions

### PREPARE SITE

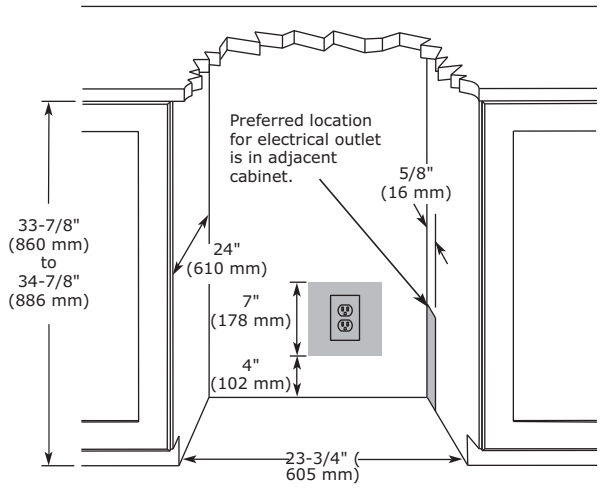
Your U-Line product has been designed exclusively for a built-in installation. When built-in, your unit does not require additional air space for top, sides, or rear. However, the front grille (plinth strip/base fascia) must NOT be obstructed.

**⚠ CAUTION**

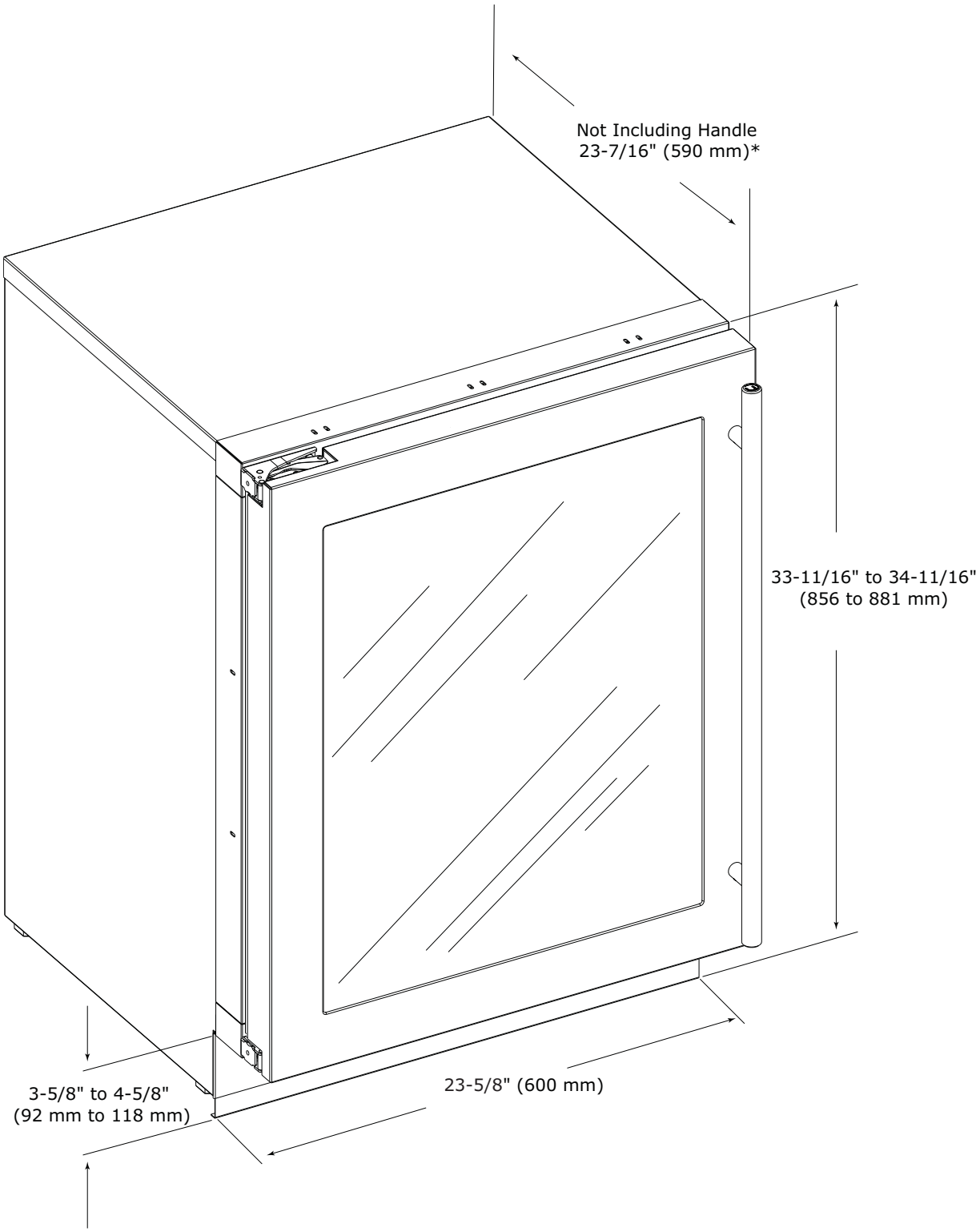
**Unit can NOT be installed behind a closed cabinet door.**

**U-Line products are designed and manufactured to be installed in the specified cutout openings shown, and variance to the floors or cabinetry must be accounted for in your installation.**

### CUTOUT DIMENSIONS



## Product Dimensions



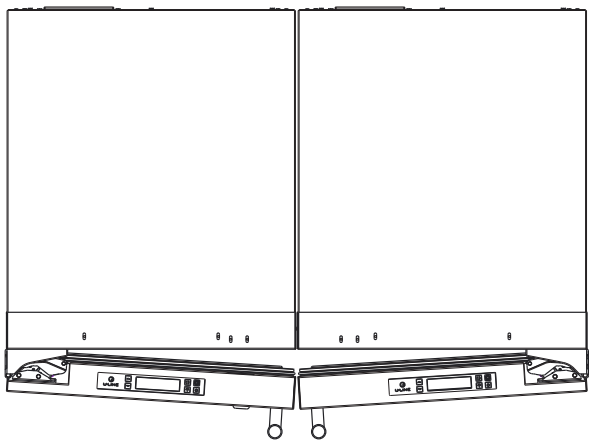
# Side-by-Side Installation

## OTHER SITE REQUIREMENTS

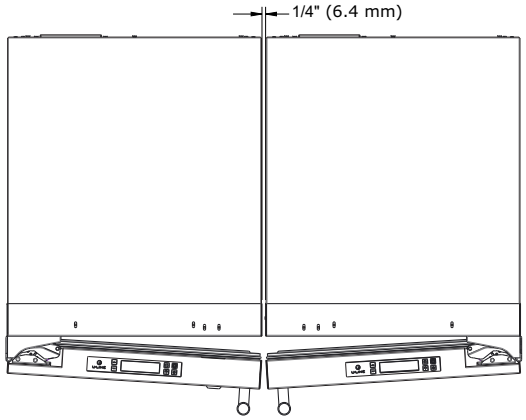
### Side-by-Side Installation

Units must operate from separate, properly grounded electrical receptacles placed according to each unit's electrical specifications requirements.

Cutout width for a side-by-side installation is the total of the widths listed under Cutout Dimensions in each unit's Installation Guide. Each door can be opened individually (one at a time) without interference.

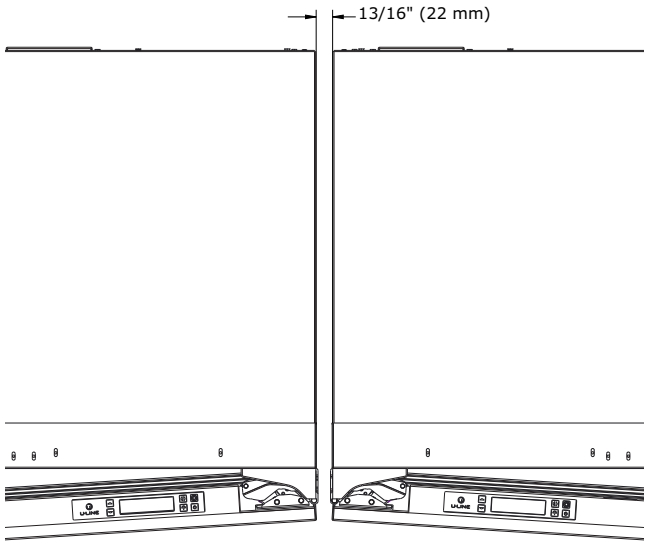


However, to ensure unobstructed door swing (opening both doors at the same time), 1/4" (6.4 mm) of space needs to be maintained between the units.

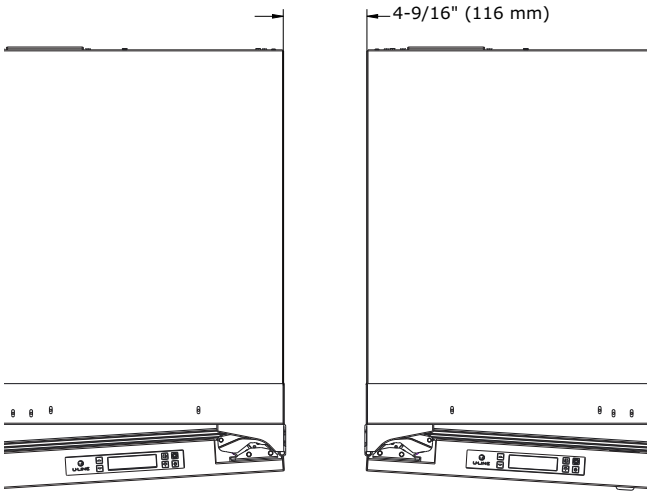



### Hinge-by-Hinge Installation (Mullion)

When installing two units hinge-by-hinge, 13/16" (22 mm) is required for integrated models. Additional space may be needed for any knobs, pulls or handles installed.




Stainless steel models which include the standard stainless handle will require 4-9/16" (116 mm) to allow both doors to open to 90° at the same time.



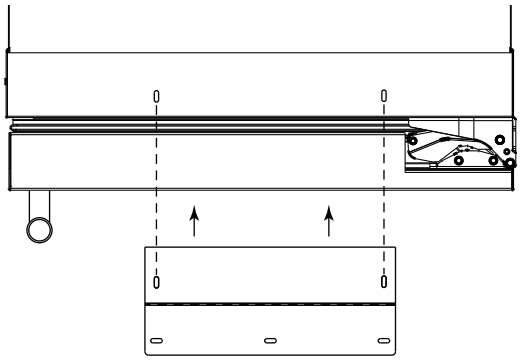
# Anti-Tip Bracket

**⚠ CAUTION**

**The anti-tip bracket must be installed to prevent the unit from tipping when doors are fully opened or excess weight is placed on the front of the unit.**

The anti-tip bracket has multiple mounting options. Mounting will depend on your particular cabinet configuration. Follow the instructions below to secure the anti-tip plate to the unit. Locate your anti-tip bracket and 5 #8x5/8" screws included with your unit.

**TOP MOUNT**



Top mount configurations work well with fully secured wood or laminate countertops.

1. Align the bracket on top of your unit as shown above. The bracket must be used to ensure a secure mount.

2. Using 2 of the supplied #8x5/8" screws, install screws into the plate using a #2 Phillips head screwdriver.

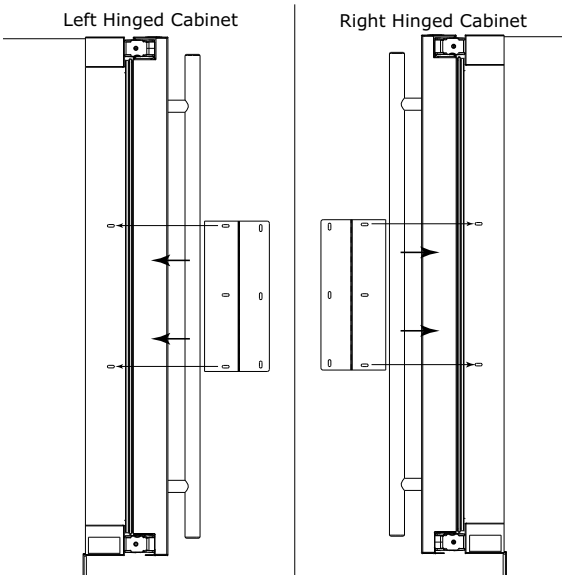
3. Completely slide the unit into its position in the cabinet. Be certain unit height is properly adjusted. (See GENERAL INSTALLATION).

4. Open door completely. Make certain door clears surrounding cabinetry.

5. Using a 3/32" drill bit, drill 3 pilot holes 5/8" (16 mm) deep into bottom of counter top. Use the anti-tip bracket as a template.

6. Install the 3 remaining #8x5/8" screws into the plate using a #2 Phillips head screwdriver.

**SIDE MOUNT**




Side mount configurations work well if you have a granite countertop or do not wish to mount the bracket to the underside of your countertop.

1. Align the bracket to the hinge side of the unit as shown above.

2. Using 2 of the supplied #8x5/8" screws, install screws into the plate using a #2 Phillips head screwdriver.

3. Completely slide the unit into its position in the cabinet. Be certain unit height is properly adjusted. (See GENERAL INSTALLATION).

4. Open door completely. Make certain door clears surrounding cabinetry.

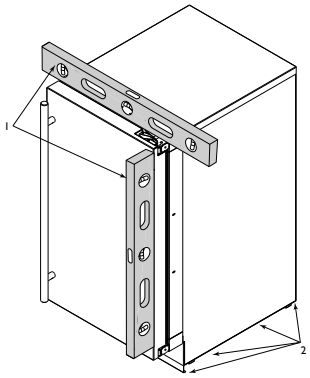
5. Using a 3/32" drill bit, drill 3 pilot holes 5/8" (16 mm) deep into cabinetry frame using the anti-tip bracket as a template.

6. Install the 3 remaining 3 #8x5/8" screws into the plate using a #2 Phillips head screwdriver.

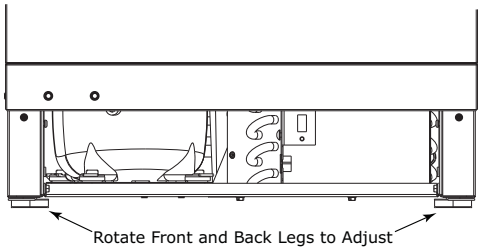
# General Installation

### 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, remove grille and adjust legs as necessary.




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

### 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 1/8" (3 mm) less than the 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. Adjust 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.

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 1/8" (3 mm) below the countertop.

4. Install the anti-tip bracket.

5. Remove the interior packing material and wipe out the inside of the unit with a clean, water-dampened cloth.

# Integrated Grille - Plinth Dimensions

**PREPARE AND INSTALL INTEGRATED GRILLE (PLINTH STRIP/BASE FASCIA)**

1. Use the dimensions provided in the diagram to cut and shape your integrated grille (plinth strip/base fascia) panel. Recommended panel thickness is between 1/4" (6 mm) and 3/8" (9 mm).

2. Finish or stain your grille (plinth strip/base fascia) panel to match your surrounding furniture. Finish front, back and edges to prevent warping. Carefully follow the manufacturer's recommendations for finish application and cure times.

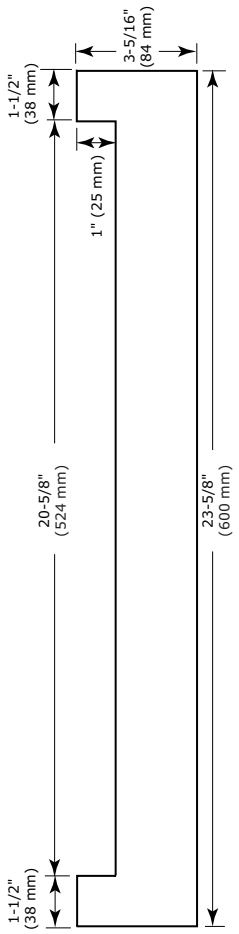
3. Apply double sided tape to the backside of the integrated grill (plinth strip/base fascia). Use the diagram below for reference. U-Line recommends 3M™ VHB™ tape, a high strength bonding tape.

Apply Tape To Shaded Area

4. Remove backing paper from double sided tape.

5. Carefully align grille (plinth strip/base fascia) over integrated panel and press into position.

**INTEGRATED GRILLE (PLINTH STRIP/BASE FASCIA) DIMENSIONS**



# Grille - Plinth Installation

**REMOVING AND INSTALLING GRILLE (PLINTH STRIP/BASE FASCIA)**

**⚠ WARNING**

**Disconnect electric power to the unit before removing the grille (plinth strip/base fascia).**

**When using the unit, the grille (plinth strip/base fascia) must be installed.**

**⚠ WARNING**

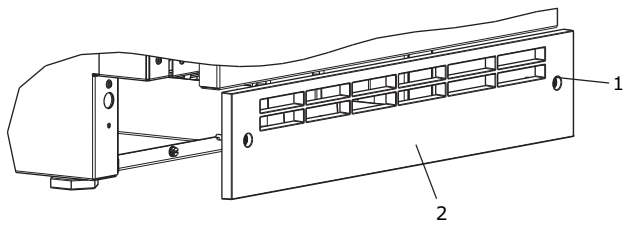
**DO NOT touch the condenser fins. The condenser fins are SHARP and can be easily damaged.**

### Removing the grille (plinth strip/base fascia)

1. Disconnect power to the unit.
2. Loosen the two screws (1).
3. Remove grille (plinth strip/base fascia) (2) from unit.

### Installing the grille

1. Align cabinet and grille holes and secure, but do not over tighten grille (plinth strip/base fascia) screws (1).
2. Reconnect power to the unit.

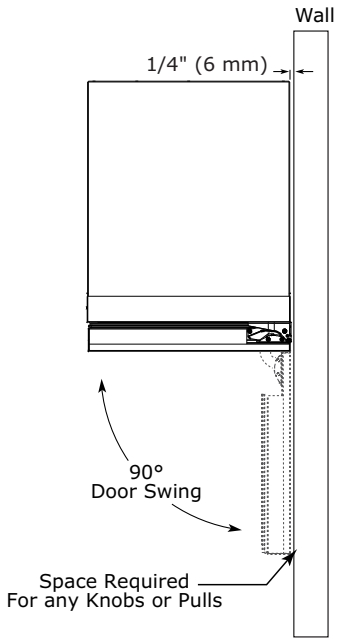


## Door Swing

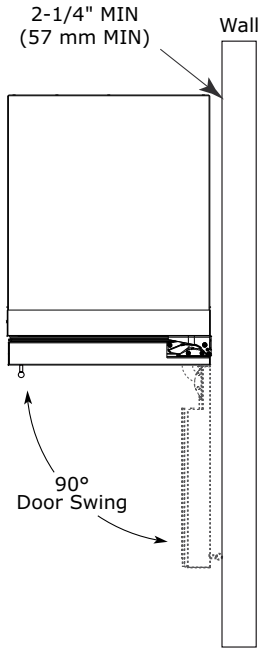
For Integrated models that are installed adjacent to a wall, 1/4" (6 mm) clearance is recommended from wall on hinge side to allow the door to open 90°. Allow for additional space for any knobs or pulls installed on the integrated panel/frame.

Stainless Steel models that are installed adjacent to a wall require 2-1/4" (57 mm) door clearance on hinge side to allow for door handle.

Units have a zero clearance when installed adjacent to cabinets.




Integrated




Stainless

# Door Stop

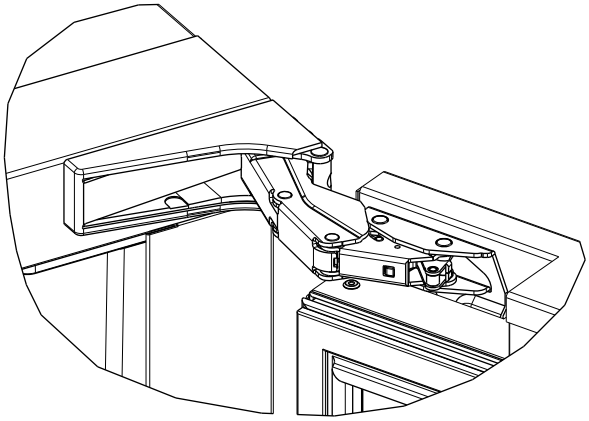
Your U-Line unit was shipped to you with the optional 90° pin.

Your unit's door(s) will open 115° straight from the factory. If you would like the door stop at 90° follow these instructions.

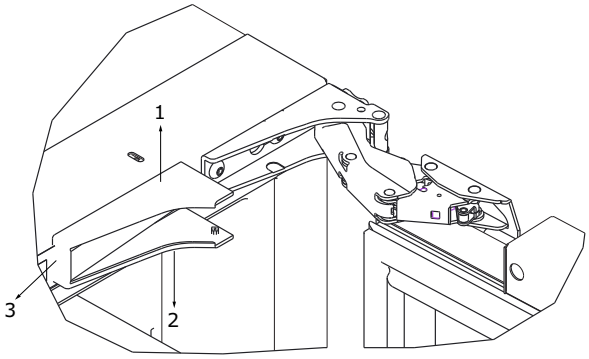
**NOTICE**

**If your unit is already undercounter, it will need to be moved out to access the hinge. With the 90° stop pin in place, you will not be able to replace the hinge cover.**

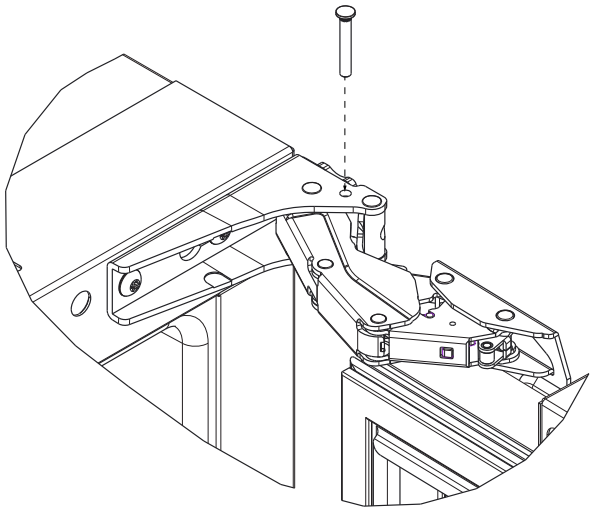
1. Open door approximately 90°.



2. Remove hinge cover by lifting top and bottom of hinge cover and sliding the cover inwards to remove from hinge.




3. Once cover is removed, slide hinge pin into hole as shown. Pin should slide into place, stopping the door at 90°; if the pin does not go into the hole shown, hold the door less than 90° open and try again.



4. To fully seat the pin, tap it lightly with a hammer.

5. Carefully slide your unit back in place.

**NOTICE**

**The pin can be removed to return the door swing back to its original 115° swing by tapping the pin out from the bottom of the hinge.**

**CLOSER**

The door hinge has a self-closing feature that engages when the door is open approximately 6" (150 mm) (about 25°).

# Door Adjustments

### DOOR ALIGNMENT AND ADJUSTMENT

Align and adjust the door if it is not level or is 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.**

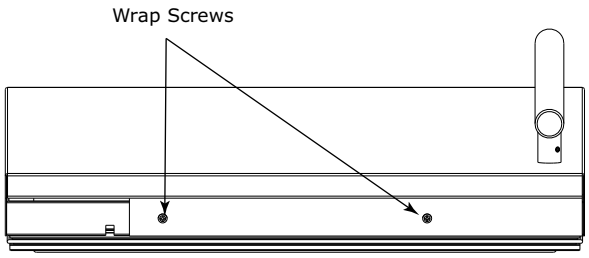
**⚠ CAUTION**

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

### Removing Wrap

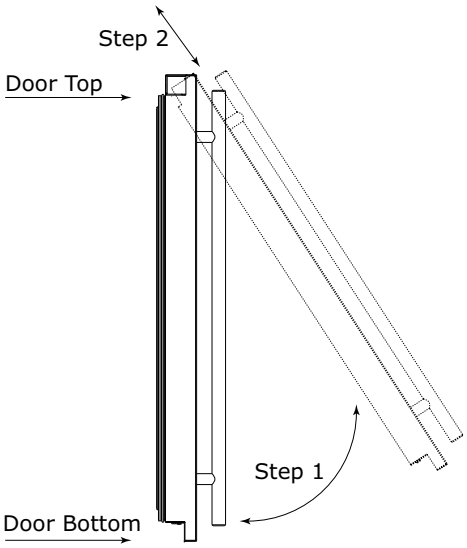
1. Open door completely.

2. Remove the two wrap screws from the bottom of the stainless steel door wrap.




3. Gently pull bottom of wrap away from door.

4. The wrap hinges on top of the door. Carefully pull wrap away and then up. See below.



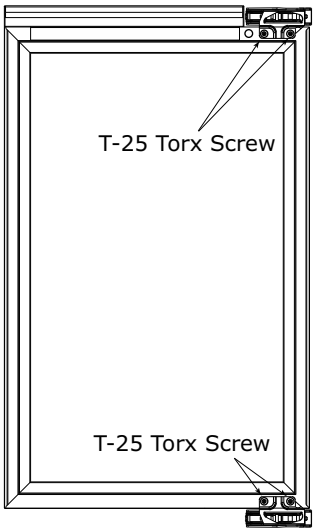

### Alignment and Adjustment Procedure

1. Using a T-25 Torx Bit, loosen each pair of Torx head screws on both the upper and lower hinge plates.

2. Square and align door as necessary.

3. Tighten Torx head screws on hinge.

4. Re-install stainless steel wrap.



# First Use

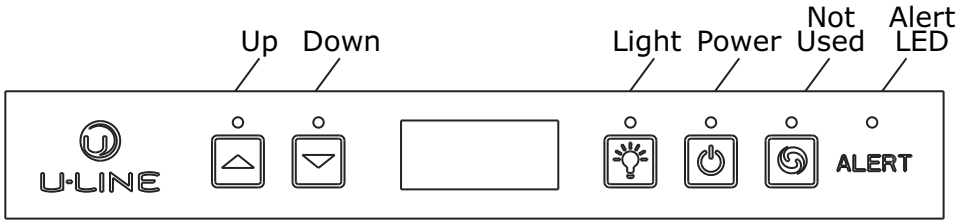
All U-Line controls are preset at the factory. Initial startup requires no adjustments.

**NOTICE**

**U-Line recommends allowing the unit to run overnight before loading with product.**

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 ⏻.

# Control Operation




**CONTROL FUNCTION GUIDE**

| FUNCTION | COMMAND | DISPLAY/OPTIONS |
|---|---|---|
| ON/OFF | Press ⏻ and release | Unit will immediately turn ON or OFF. |
| Toggle lights | Press 💡 and release to leave interior light on for 3 hours | Glass door wine and beverage centers only. |
| Adjust refrigerator set point | Press ▲ or ▼ and release | When the “F” or “C” in the display is flashing, press ▲ or ▼ to adjust the set point temperature. |
| View temperature in unit | Press ▲ and ▼ together and release | The display will flash and then toggle from set point to temperature in unit. |
| Toggle between F/C | Hold ▲ and ▼ for five seconds | The display will change units. |

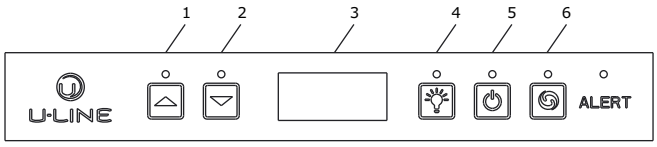
**DOOR ALERT NOTIFICATION**

When the door is left open for more than 5 minutes:

- An audible tone will sound for several seconds every minute.
- The Alert LED will blink.

Close door to silence alert and reset.

# Sabbath Mode




This unit is Star-K certified and offers a Sabbath mode. Sabbath mode disables system responses to user initiated activities and all external functions, including lighting, display and audible alarms. The unit will still maintain internal temperatures and set points. View a full list of Star-K certified U-Line units at www.star-k.org.

To enable Sabbath Mode:

1. Press (4) and hold for ten seconds and release (the °F/°C symbol will flash briefly at the end of the ten second period).

2. The interior light and control display (3) will go dark until user resets mode.

3. NOTE: Although the display will not be visible, the temperature controls in the unit remain active and preserve the interior temperature.

Sabbath Mode remains active until (4) is quickly pressed and released.

# Airflow and Product Loading

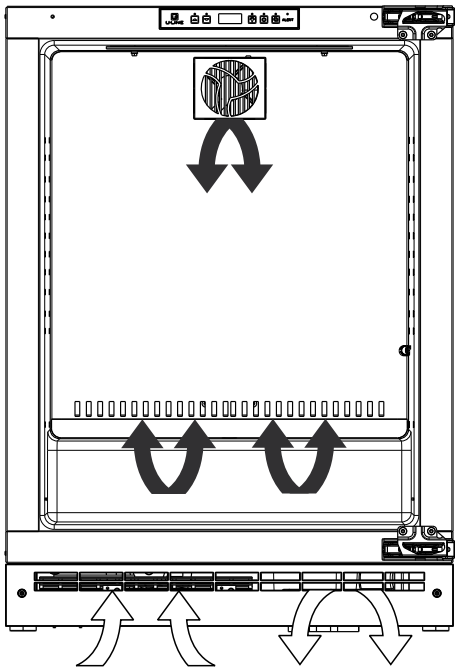
**NOTICE**

**The unit requires proper airflow to perform at its highest efficiency. Do not block the front grille, internal fans or vents at any time, or the unit will not perform as expected. When loading your unit, leave space between the internal fans or vents and product loaded. Anything blocking the required airflow/circulation will result in uneven temperature distribution in the cabinet and can also freeze product. Do not install the unit behind a door.**

When properly loaded, your U-Line unit will store up to 172 (12 oz. [330 ml]) cans or 114 (12 oz. [330 ml]) bottles.

For optimal airflow, leave approximately two inches of space around the fan and one inch around the back wall and lower vents.

Door Removed For Illustration Purposes



Internal Air Flow And Unit Ventilation Diagram

# Interior Shelves

## REMOVING AND INSTALLING GLASS SHELVES

### Adjusting Interior Shelves

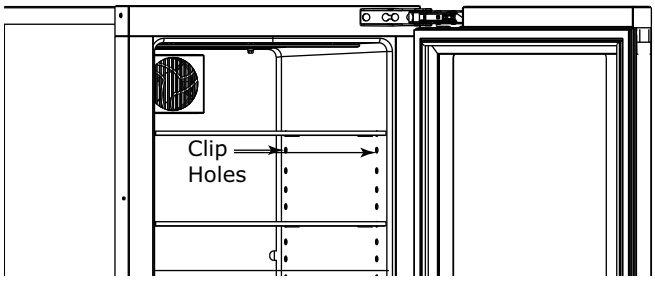
Models equipped with glass shelves have an adjustable mounting system. To adjust or simply remove shelves for cleaning, follow the instructions below.

1. Remove all product from shelf.
2. Coming from underneath the shelf, lift both the front and rear of the glass.
3. Carefully slide shelf out of unit being careful not to scratch the interior liner.
4. Installation is the reverse of removal.

### Adjusting Shelf Height

Shelf height may be adjusted to accommodate a broad range of product. To alter your shelf spacing follow the instructions below.

1. Remove the 4 Shelf clips from the shelf clip holes.
2. Move shelf clips as a group to the desired shelf height.
3. Insert shelf clips into the holes of the desired shelf height. Be certain shelf clip is fully seated into shelf clip hole.




**⚠ CAUTION**

**Clips MUST be installed with the ribbed side down. Failure to do so may result in shelf or unit damage.**

**NOTICE**

**All 4 shelf clips for each shelf must be installed at the same height for shelf stability.**

4. Reinstall shelf.

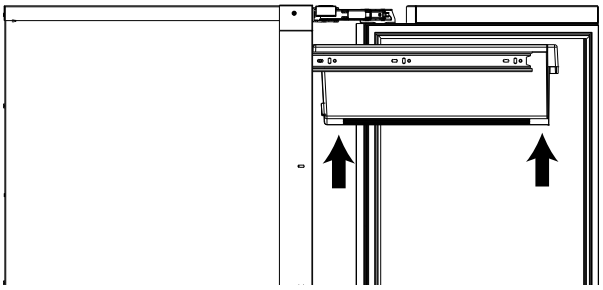
### Cleaning Shelves

Shelves may be cleaned in a soapy warm water solution. A general household disinfectant may be used if necessary. Be sure to completely dry your shelf before reinstalling.

# Refrigerator Bins - Crisper

**REFRIGERATOR BIN INSTALLATION & REMOVAL**

Refrigerator bins are easily removed for cleaning and sanitizing. To remove your bin follow the instructions below.



1. Fully extend the bin you wish to remove from the cabinet.
2. Lift the front lip of the bin and raise the bin off the racks.
3. Lift the rear of the bin off its seat on the rack.
4. Pull the bin up and away from the racks.

**To Reinstall**

5. Fully extend the empty rack from within the cabinet.
6. Set the rear of the bin over the rear of the slide.
7. Seat the front of the bin down and onto the slide rack.
8. Push the bin back into the cabinet.

**Cleaning**

Bins may be cleaned in a soapy warm water solution. A general household disinfectant, safe for plastics, may be used if necessary. Be sure to completely dry your bin before reinstalling.

**NOTICE**

**Bins are NOT dishwasher safe.**

# Cleaning

## EXTERIOR CLEANING

### Stainless Models

Stainless door panels and handles can discolor when exposed to chlorine gas, pool chemicals, saltwater or cleaners with bleach.

Keep your stainless unit looking new by cleaning with a good quality all-in-one stainless steel cleaner and polish monthly. For best results use Claire® Stainless Steel Polish and Cleaner, which can be purchased from U-Line Corporation (Part Number 173348). Comparable products are acceptable. Frequent cleaning will remove surface contamination that could lead to rust. Some installations may require cleaning weekly.

**Do not clean with steel wool pads.**

**Do not use stainless steel cleaners or polishes on any glass surfaces.**

Clean any glass surfaces with a non-chlorine glass cleaner.

**Do not use cleaners not specifically intended for stainless steel on stainless steel surfaces (this includes glass, tile and counter cleaners).**

If any surface discoloring or rusting appears, clean it quickly with Bon-Ami® or Barkeepers Friend Cleanser® and a nonabrasive cloth. Always clean with the grain. Always finish with Claire® Stainless Steel Polish and Cleaner or comparable product to prevent further problems.

**Using abrasive pads such as Scotchbrite™ will cause the graining in the stainless steel to become blurred.**

**Rust not cleaned up promptly can penetrate the surface of the stainless steel and complete removal of the rust may not be possible.**

### Integrated Models

To clean integrated panels, use household cleaner per the cabinet manufacturer's recommendation.

## INTERIOR CLEANING

Disconnect power to the unit.

Clean the interior and all removed components using a mild nonabrasive detergent and warm water solution applied with a soft sponge or non-abrasive cloth.

Rinse the interior using a soft sponge and clean water.

**Do not use any solvent-based or abrasive cleaners.** These types of cleaners may transfer taste to the interior products and damage or discolor the lining.

## DEFROSTING

Under normal conditions this unit does not require manual defrosting. Minor frost on the rear wall or visible through the evaporator plate vents is normal and will melt during each off cycle.

If there is excessive build-up of 1/4" (6 mm) or more, manually defrost the unit.

Ensure the door is closing and sealing properly.

High ambient temperature and excessive humidity can also produce frost.

**⚠ CAUTION**

**DO NOT use an ice pick or other sharp instrument to help speed up defrosting. These instruments can puncture the inner lining or damage the cooling unit. DO NOT use any type of heater to defrost. Using a heater to speed up defrosting can cause personal injury and damage to the inner lining.**

**NOTICE**

**The drain pan was not designed to capture the water created when manually defrosting. To prevent water from overflowing the drain pan and possibly damaging water sensitive flooring, the unit must be removed from cabinetry.**

**To defrost:**

1. Disconnect power to the unit.
2. Remove all products from the interior.
3. Prop the door in an open position (2 in. [50 mm] minimum).
4. Allow the frost to melt naturally.
5. After the frost melts completely clean the interior and all removed components. (See INTERIOR CLEANING).
6. When the interior is dry, reconnect power and turn unit on.

# Cleaning Condenser

**INTERVAL - EVERY SIX MONTHS**

To maintain operational efficiency, keep the front grille (plinth strip/base fascia) free of dust and lint, and clean the condenser when necessary. Depending on environmental conditions, more or less frequent cleaning may be necessary.

**⚠ WARNING**

**Disconnect electric current to the unit before cleaning the condenser.**

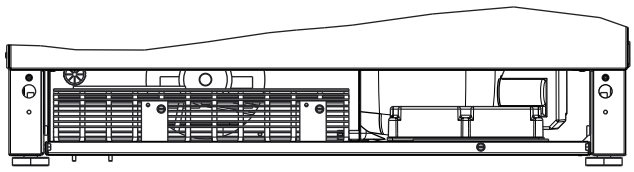
**NOTICE**

**DO NOT use any type of cleaner on the condenser unit. Condenser may be cleaned using a vacuum, soft brush or compressed air.**

1. Remove the grille (plinth strip/base fascia). (See GRILLE-PLINTH INSTALLATION).

2. Clean the condenser coil using a soft brush or vacuum cleaner.

3. Install the grille (plinth strip/base fascia).



# Extended Non-Use

### VACATION/HOLIDAY, PROLONGED SHUTDOWN

The following steps are recommended for periods of extended non-use:

1. Remove all consumable content from the unit.

2. Disconnect the power cord from its outlet/socket and leave it disconnected until the unit is returned to service.

3. If ice is on the evaporator, allow ice to thaw naturally.

4. Clean and dry the interior of the unit. Ensure all water has been removed from the unit.

5. The door must remain open to prevent formation of mold and mildew. Open door a minimum of 2" (50 mm) to provide the necessary ventilation.

### WINTERIZATION

If the unit will be exposed to temperatures of 40°F (5°C) or less, the steps above must be followed.

**For questions regarding winterization, please call U-Line at +1.800.779.2547.**

**⚠ CAUTION**

**Damage caused by freezing temperatures is not covered by the warranty.**

# Troubleshooting

### BEFORE CALLING FOR SERVICE

If you think your U-Line product is malfunctioning, read the CONTROL OPERATION section to clearly understand the function of the control.

If the problem persists, read the NORMAL OPERATING SOUNDS and TROUBLESHOOTING GUIDE sections below to help you quickly identify common problems and possible causes and remedies. Most often, this will resolve the problem without the need to call for service.

### IF SERVICE IS REQUIRED

If you do not understand a troubleshooting remedy, or your product needs service, contact U-Line Corporation directly at +1.800.779.2547.

When you call, you will need your product Model and Serial Numbers. This information appears on the Model and Serial number plate located on the upper right or rear wall of the interior of your product.

### NORMAL OPERATING SOUNDS

All models incorporate rigid foam insulated cabinets to provide high thermal efficiency and maximum sound reduction for its internal working components. Despite this technology, your model may make sounds that are unfamiliar.

Normal operating sounds may be more noticeable because of the unit's environment. Hard surfaces such as cabinets, wood, vinyl or tiled floors and paneled walls have a tendency to reflect normal appliance operating noises.

Listed below are common refrigeration components with a brief description of the normal operating sounds they make. NOTE: Your product may not contain all the components listed.

- Compressor: The compressor makes a hum or pulsing sound that may be heard when it operates.
- Evaporator: Refrigerant flowing through an evaporator may sound like boiling liquid.
- Condenser Fan: Air moving through a condenser may be heard.
- Automatic Defrost Drain Pan: Water may be heard dripping or running into the drain pan when the unit is in the defrost cycle.

### TROUBLESHOOTING GUIDE

**⚠ DANGER**

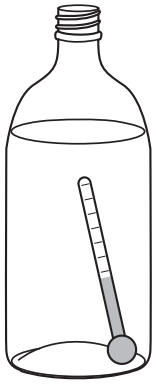
**ELECTROCUTION HAZARD. Never attempt to repair or perform maintenance on the unit before disconnecting the main electrical power.**

Troubleshooting - What to check when problems occur:

| Problem | Possible Cause and Remedy |
|---|---|
| Digital Display and Light Do Not Work. | Ensure power is connected to the unit.<br>If the unit is cooling, it may be in Sabbath mode. |
| Interior Light Does Not Illuminate. | The light bulb may be defective.<br>If the unit is cooling, it may be in Sabbath mode. |
| Light Remains on When Door Is Closed. | For glass door models, press the light icon and close the door.<br>Check reed switch. |
| Unit Develops Frost on Internal Surfaces. | Frost on the rear wall is normal and will melt during each off cycle.<br>If there is excessive build-up of 1/4" or more, manually defrost the unit.<br>Ensure the door is closing and sealing properly.<br>High ambient temperature and excessive humidity can also produce frost. |
| Unit Develops Condensation on External Surfaces. | The unit is exposed to excessive humidity. Moisture will dissipate as humidity levels decrease. |
| Digital Display Functions, But Unit Does Not Cool. | Ensure the unit is not in "Showroom Mode."<br>Momentarily unplug or interrupt power supply to the unit. |
| Digital Display Shows ER or E Followed by a Number. | E3 indicates the door may be opened too long. Ensure the door is closing properly. For other error codes contact U-Line Customer Service. |

| Problem | Possible Cause and Remedy |
|---|---|
| Digital Display Shows 1-16 or 99 | A factory test mode may be enabled. Adjust the temperature to 99 and press the LIGHT icon. |
| Product Is Freezing. | Because product in contact with the rear wall may freeze, ensure no product is touching the rear wall.<br>Adjust the temperature to a warmer set point. |
| Product Is Not Cold Enough. | Air temperature does not indicate product temperature. See CHECKING PRODUCT TEMPERATURE below.<br>Adjust the temperature to a cooler set point.<br>Ensure unit is not located in excessive ambient temperatures or in direct sunlight.<br>Ensure the door is closing and sealing properly.<br>Ensure the interior light has not remained on too long.<br>Ensure nothing is blocking the front grille, found at the bottom of the unit.<br>Ensure the condenser coil is clean and free of any dirt or lint build-up. |

**CHECKING PRODUCT TEMPERATURE**



**To check the actual product temperature in the unit:**

1. Partially fill a plastic (nonbreakable) bottle with water.
2. Insert an accurate thermometer.
3. Tighten the bottle cap securely.
4. Place the bottle in the desired area for 24 hours.
5. Avoid opening the unit during the testing period.
6. After 24 hours, check the temperature of the water. If required, adjust the temperature control in a small increment (see CONTROL OPERATION).

**Causes which affect the internal temperatures of the cabinet include:**

- Temperature setting.
- Ambient temperature where installed.
- Installation in direct sunlight or near a heat source.
- The number of door openings and the time the door is open.
- The time the internal light is illuminated. (This mainly affects product on the top rack or shelf.)

# Warranty

**U-LINE CORPORATION LIMITED WARRANTY**

1. U-Line Corporation ("U-Line") warrants each U-Line product to be free from defects in materials and workmanship for a period of one year (two years on Modular 3000 Series) from the date of purchase. U-Line further warrants the sealed system (consisting of the compressor, condenser, evaporator, hot gas bypass valve, dryer, and connecting tube) in each U-Line product to be free from defects in materials and workmanship for a period of five years from the date of purchase.

2. During the initial one year warranty period (two years on Modular 3000 Series) for all U-Line products U-Line shall: (1) repair any product or replace any part of a product; and (2) for all Marine, RV, and Domestic U-Line products sold and serviced in the United States (including Alaska and Hawaii) and Canada, U-Line shall be responsible for the labor costs performed by a U-Line authorized service company, incurred in connection with the replacement of any defective part. During years two through five of the warranty period for the sealed system, U-Line shall: (1) at U-Line's option repair or replace any part of the sealed system; and (2) for all Marine, RV, and Domestic U-Line products sold and serviced in the United States (including Alaska and Hawaii) and Canada, U-Line shall be responsible for the labor costs incurred in connection with the replacement of any defective part of the sealed system. All other charges, including transportation charges for replacements under this warranty and labor costs not specifically covered by this warranty, shall be the responsibility of the purchaser. This warranty extends only to the original purchaser of the U-Line product. The Product Registration Card included with the product should be promptly completed by you and mailed back to U-Line, or you can register on-line at www.u-lineservice.com.

3. The warranty listed above does not apply to floor display models. The warranty for these models shall be 30 days from the date of retail purchase and only if U-Line's Product Registration Card included with the unit is completed and mailed back or electronically submitted to U-Line. This 30 day warranty does not apply to cosmetic damages. A proof of purchase may be required.

4. The following conditions are excluded from this limited warranty: use of cleaners other than the recommended stainless steel cleaners and U-Line Clear Ice Maker cleaner; installation charges; damages caused by disasters or acts of God, such as fire, floods, wind, and lightning; damages incurred or resulting from shipping, improper installation, unauthorized modification, or misuse/abuse of the product; customer education calls; food loss and spoilage; door and water level adjustments (except during the first 30 days from the date of installation); defrosting the product; adjusting the controls; door reversal; and cleaning the condenser.

5. U-Line products are designed to operate in ambient temperatures between 50°F and 100°F unless otherwise noted in the product manual. Exposure to temperatures outside this range may cause degradation of performance and issues, such as lower ice production or spoiled contents, that are not covered under the terms of this warranty as a result of that exposure. U-Line product may not be subjected to temperatures below 40°F without following the winterization and vacation shutdown procedures in the user guide.

6. U-Line's Outdoor Limited Warranty, set forth in this Paragraph 6 shall apply to U-Line models deemed suitable for outdoor use by Underwriters Laboratory ("UL") as noted in the U-Line Product Catalog, U-Line's website, and/or on the serial tag located inside the product.

   A. Outdoor product may come into contact with rain by virtue of outdoor use. Exposure to other sources of water shall also cause this warranty to be void, including flooding of the area in proximity of the unit greater than 1/8" deep in water, hurricanes, splashing

of pool water, or directing a spray from a hose or similar device into and around the unit.

7. If a product defect is discovered during the applicable warranty period, you must promptly notify either U-Line at 8900 N. 55th Street, Milwaukee, Wisconsin 53223 USA or at +1.800.779.2547 or the dealer from whom you purchased the product. In no event shall such notification be received later than 30 days after the expiration of the applicable warranty period. U-Line may require that defective parts be returned, at your expense, to U-Line's factory in Milwaukee, Wisconsin, for inspection. Any action by you for breach of warranty must be commenced within one year after the applicable warranty period.

8. THIS LIMITED WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE DISCLAIMED. U-Line's sole liability, and your exclusive remedy, under this warranty is set forth in the paragraphs above. U-Line shall have no liability whatsoever for any incidental, consequential, or special damages arising from the sale, use, or installation of the product or from any other cause whatsoever, whether based on warranty (express or implied) or otherwise based on contract, tort, or any other theory of liability.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Warranty 6/2014 Rev.G