# USER GUIDE

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





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#### **WELCOME TO U-LINE**

Congratulations on your U-Line purchase. Your product comes from a company with over five decades of premium modular ice making, refrigeration, and wine preservation experience. U-Line creates products 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. Complete product categories include Beverage Centers, Wine Refrigerators, Ice Machines, Refrigerators, Freezers, and Dispensers.

Our advanced refrigeration systems, large and flexible capacities, and Built-In to Stand Out® clean integrated look allow you to preserve the right product, in the right place, at the right temperature. Since 2014, U-Line has been part of the Middleby family of brands. All products are designed, engineered, and assembled in Milwaukee, Wisconsin, USA, and select products are available worldwide.

#### PRODUCT INFORMATION

Looking for additional information on your product? User Guides, Spec Sheets, CAD Drawings, Compliance Documentation, and Product Warranty information are all available for reference and download at 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

u-line.com

#### **SERVICE & PARTS ASSISTANCE**

Monday - Friday 8:00 am to 4:30 pm CST

T: +1.414.354.0300

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Service Email: onlineservice@u-line.com Parts Email: onlineparts@u-line.com

#### **CONNECT WITH US**













Designed, engineered and assembled in WI, USA

Introduction



## 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 quide:

#### **SAFETY ALERT DEFINITIONS**

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



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



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



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



Caution: risk of fire, flammable refrigerant and blowing gas used.

#### **GENERAL PRECAUTIONS**

Use this appliance for its intended purpose only and follow these general precautions with those listed throughout this guide. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or 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 this appliance.

## **M** WARNING

Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.

Please accord to local regulations regarding disposal of the appliance for its flammable refrigerant and blowing gas. Before you scrap the appliance, please remove the doors to prevent child entrapment.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

# **▲** WARNING

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



Do not damage the refrigerating circuit.

## **MARNING**

Do not use electrical appliances inside the food/ ice storage compartments unless they are of the type recommended by the manufacturer.

Safety and Warning 4



## **MARNING**

DO NOT use medical devices or other means to accelerate the defrosting process other than those recommended by the manufacturer. 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**

Do not lift unit by door handle.

Never install or operate the unit behind closed doors. Be sure front grille is free of obstruction. Obstructing free airflow can cause the unit to malfunction and will void the warranty.

Failure to clean the condenser every six months can cause the unit to malfunction. This could void the warranty.

Allow unit temperature to stabilize for 24 hours before use.

Do not block any internal fans.

Use only genuine U-Line replacement parts. Imitation parts can damage the unit, affect its operation or performance and may void the warranty.

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.

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## Disposal and Recycling



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 90°F (32°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.

#### **CLIMATE CLASSES**

Test room climate class	Dry bulb temperature	Relative humidity	Dew point	Water vapor mass in dry air
	°C	%	°C	g/kg
0	20	50	9.3	7.3
1	16	80	12.6	9.1
2	22	65	15.2	10.8
3	25	60	16.7	12.0
4	30	55	20.0	14.8
6	27	70	21.1	15.8
5	40	40	23.9	18.8
7	35	75	30.0	27.3
8	23.9	55	14.3	10.2

NOTE: The water vapor mass in dry air is one of the main points influencing the performance and the energy consumption of the cabinets.



## 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.

If the detachable type electric supply cord is damaged, it must be replaced by an equivalent cord available from the manufacturer or its service agent.

#### **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 220-240 VAC, 50 Hz, 8A 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.

Electrical 8



## Side-by-Side Installation

Two units may be installed side-by-side.

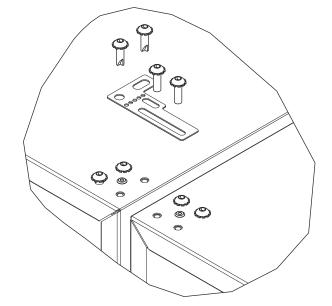
Cutout width for a side-by-side installation is the cutout dimension of a single unit times two.

No trim kit is required. However, 1/4" (6 mm) of space needs to be maintained between the units to ensure unobstructed door swing.

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

### Side-by-Side Installation with Bracket

- 1. Slide both units out so screws on top of units are easily accessible.
- 2. Remove screws as shown below.



- 3. Place bracket over holes and attach to unit with two screws removed in step 2 using a T-25 Torx driver. Tighten screws fully.
- 4. Gently push units into position. Be careful not to entangle the electrical cord or water line, if applicable.
- 5. 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.



## Water Hookup

#### PREPARE PLUMBING

The water valve uses a standard 1/4" (6.35 mm) compression fitting. U-Line recommends using accessory water hook up kit – part # 80-54674-00. The kit includes a 10' (3 m) braided flexible water supply line and a brass hose fitting. When using a 1/4" (6.35 mm) O.D. soft copper supply line use the brass nut and sleeve included with the nut.



Plumbing installation must observe all state and local codes. All water and drain connections MUST BE made by a licensed/qualified plumbing contractor. Failure to follow recommendations and instructions may result in damage and/or harm.

#### **Water Supply Connection**

When connecting the water supply, please note the following:

- Before installing the unit and connecting to the cold water supply, review the local plumbing codes.
- The water pressure should be between 20 and 120 psi (138 and 827 kPa).
- The water line MUST have a shut-off valve in the supply line.
- The water line should be looped into 2 coils. This will allow the unit to be removed for cleaning and servicing.
   Make certain that the tubing is not pinched or damaged during installation.

# ▲ CAUTION

Do not use any plastic water supply line. The line is under pressure at all times. Plastic may crack or rupture with age and cause damage to your home.

Do not use tape or joint compound when attaching a braided flexible water supply line that includes a rubber gasket. The gasket provides an adequate seal – other materials could cause blockage of the valve.

Failure to follow recommendations and instructions may result in damage and/or harm, flooding or void the product warranty.

Use new hose set. Do not reuse old hose set.



Turn off water supply and disconnect electrical supply to unit prior to installation.

Use caution when handling back panel. The edges could be sharp.

- 1. Turn off water supply and disconnect electrical supply to product prior to attempting installation.
- 2. Remove the back panel.

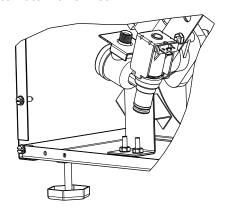


Connect to potable water supply only.

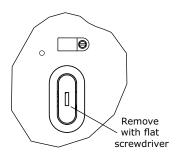
10 Door Swing 1



3. Locate water valve inlet.

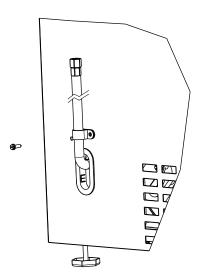


4. Break away filler feature in bushing with flat screwdriver.



- Thread water line through back panel hole (with bushing).
- 6. Locate water valve inlet and connect to valve.
- 7. Turn on water supply and check for leaks.
- 8. Reinstall back panel.

9. Install retaining clip.

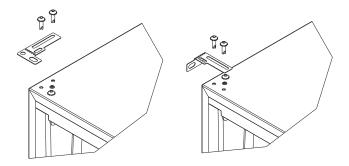




## Anti-Tip Bracket

- 1. Slide unit out so screws on top of unit are easily accessible.
- 2. Remove the two screws from the opposite side of the hinge assembly using a T-25 Torx driver (see below).

NOTE: 1224 models shown with four screw. 1215 models only have three screws, but same screws are used in both applications.



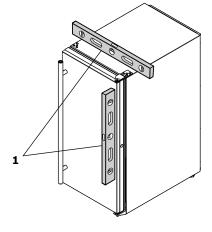
- 3. Place bracket (part #14154) over holes and attach to unit with two screws removed in step 2 using a T-25 Torx driver. Tighten screws fully.
- 4. Gently push unit into position. Be careful not to entangle the electrical cord or water line, if applicable.
- Check to be sure the unit is level from 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.
- 6. Secure bracket into adjoining surface.



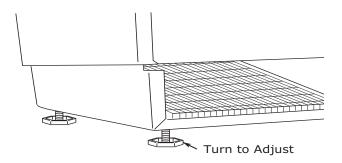
## General Installation

#### 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 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. 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 kink the water supply line or 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 interior packing material and wipe out the inside of the unit with a clean, water-dampened cloth.

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## **Integrated Panel Dimensions**

#### **INTEGRATED PANEL**

#### NOTICE

Due to differences in surrounding cabinetry the panel may not perfectly align with door. The procedure below is designed to provide a finished integrated panel that seamlessly integrates with surrounding cabinetry.

The door panel must not weigh more than 20 lbs (10 kg).

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

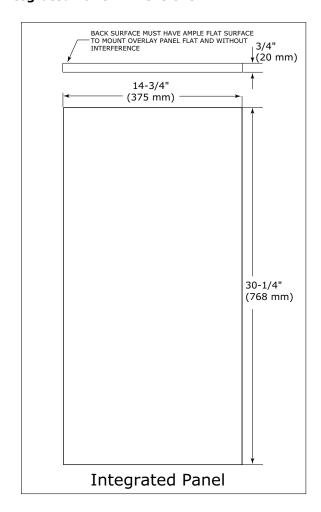
When applying an integrated panel to a unit, ensure that both sides are finished in order to prevent warping. In some panel installations, the panel may be visible through the glass while the door is open.

A full integrated door panel completely covers the door frame and provides a built-in appearance.

#### **Integrated Panel Preparation**

- 1. Cut the panels to the dimensions listed in the diagram below.
- 2. Optional: Stain or Finish panel to desired stain or color. Be sure to closely follow the instructions provided by the manufacturer.
- 3. Optional: Install handles and hardware.

## **Integrated Panel Dimensions**

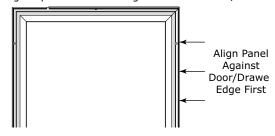




## **Integrated Panel Installation**

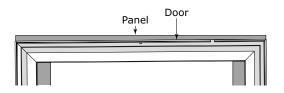
- 1. Fully open door/drawer.
- 2. Starting at corner, pull gasket away from door/ drawer.
- 3. Continue to pull gasket free from gasket channel.
- 4. Upon removal, lay gasket down on a flat surface.
- 5. Partially loosen the 3 screws, securing the top hinge to the cabinet.
- 6. Align the panel with the outside edge (opposite the hinge) and high enough to align with the highest point in the door/drawer.
- 7. Insert panel underneath top hinge and apply upward pressure while bringing the lower portion of the panel flush to the door inside the lower hinge. The panel will fit snuggly
- 8. Align door with cabinet. Tighten the top 3 screws, securing the top hinge to the cabinet.

Align Top Of Panel With Highest Point Of Door/Drawer

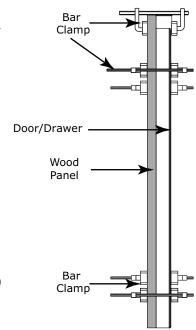


#### **NOTICE**

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



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



10. 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/drawer frame as a guide.

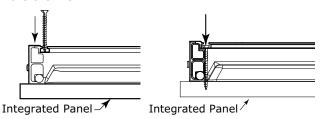
#### NOTICE

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.

11.Locate 6 of the #6x 1-1/4" (32 mm) screws provided with your unit.



- 12. Using a Phillips screwdriver, place one screw into each of the 6 pilot holes and screw down. Do not overtighten screws.
- 13. Be sure the screws force their way past the opening on the gasket channel and sit flush against the bottom of the channel.



14. Remove clamps from door/drawer.

#### **NOTICE**

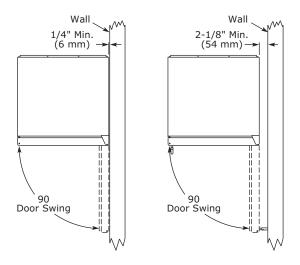
If panel requires additional adjustment after removing clamps, slightly loosen each screw and adjust panel as necessary. Tighten screws upon completion.

15. Starting at the corners, re-install the gasket into the gasket channel in the frame. Make sure the gasket is fully seated. This may take some force.



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## **Door Swing**



Units have a zero clearance for the door to open  $90^{\circ}$ , when installed adjacent to cabinets.

Stainless Steel and black and white models require 2-1/8" (54 mm) door clearance to accommodate the handle if installed next to a wall.

Integrated models require 1/4" (6 mm) clearance if installed next to a wall. Allow for additional space for any knobs or pulls installed on the integrated panel/frame.



## **Door Stop**

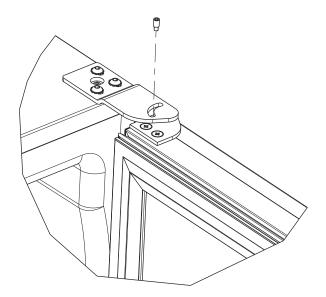
Your U-Line unit was shipped to you with the optional 90° pin(s). (Models that are 15" wide include 1 pin. Models that are 24" wide include 2 pins.) The unit's door will open freely without a fixed opening angle limitation. If you would like the door stop at 90° follow these instructions.

### **NOTICE**

The pin is designed to stop the door at 90° under normal operating conditions. It is not designed for excessive force. Do not use the door to move the unit in/out of the cutout during installation.

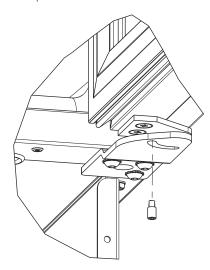
If your unit is already undercounter, it might need to be moved out/forward to access the hinge.

- 1. Locate the threaded pin.
- 2. With the door between 0° (closed) and 90° and using a 3/32" hex driver, install the threaded pin through the hinge.



3. On 24" models, a second pin is included for the bottom hinge. Repeat steps above for second hinge.

NOTE: Threaded pin will be inserted from the bottom.



4. Carefully slide your unit back in place.

#### **NOTICE**

The pin can be removed to return the door swing back to its original state by unscrewing the threaded pin.

18 Door Stop 1



## **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 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.

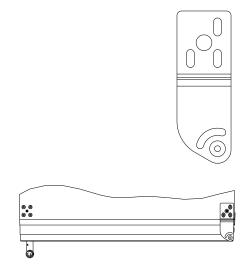
#### To align and adjust the door:

- 1. Loosen (do not remove) top and bottom hinge screws.
- 2. Align door squarely with cabinet.
- 3. Make sure gasket is firmly in contact with cabinet all the way around the door (no gaps).
- 4. Tighten bottom hinge screws.
- 5. Tighten top hinge screws.

### **REVERSING THE DOOR**

Location of the unit may make it desirable to mount the door on the opposite side of the cabinet.

Locate top hinge supplied in literature package. The hinge hardware and bottom hinge will be removed and reinstalled on the opposite side of the cabinet.



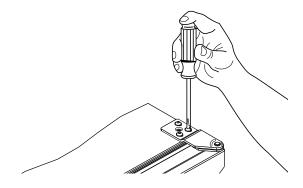
#### TO REVERSE THE DOOR

#### Remove grille:

Remove the grille (see GRILLE-PLINTH INSTALLATION section of this guide).

#### Remove top hinge and door:

- 1. Hold door to keep it from falling.
- 2. Remove top hinge from cabinet by removing three screws. Set aside and save for possible furture use.

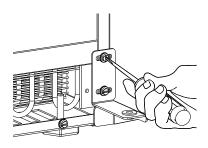


- Remove door by tilting forward and lifting door off bottom hinge. Retain shoulder washer; it will be reused.
- 4. Remove four screws from hinge holes on the opposite side. Reinstall into holes where the hinge was removed. Take care not to scratch cabinet.



## Remove bottom hinge:

1. Remove bottom hinge from cabinet.



2. Remove corresponding screws on opposite side of cabinet. On some models there may be a nut behind one or both screws on either side.

### Install bottom hinge:

Install two or three screws, depending on model. Replace nuts if used.

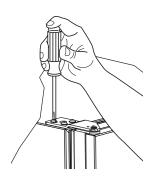


### Prepare door for reinstallation:

- 1. Rotate door 180° to reverse.
- 2. Remove gasket center strip and apply in-line with new opening (approximately 2" lower).

## Install top hinge and door:

1. Use alternate hinge supplied with unit and reinstall the screws.



- 2. Hold door to keep it from falling.
- 3. Lift the door on to the bottom hinge.
- 4. Align flat edge of the hinge with the outer edge of the unit.
- 5. Tighten three screws.

### Align and adjust the door:

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

### **Install grille:**

Install the grille.



## First Use

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

### **NOTICE**

U-Line recommends discarding the ice produced during the first two to three hours of operation to avoid possible dirt or scale that may dislodge from the water line.

To turn the unit on or off:



Press the rocker switch located inside the door on the front panel, or behind the grille.

21 First Use 1



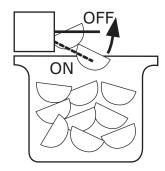
## Ice

#### **ICE MAKER OPERATION**

When the ice bucket is full, the ice making mechanism will shut off. However, the refrigeration system will continue to cool and maintain the ice supply.

#### **NOTICE**

Do not place cans or bottles in the ice compartment because they will freeze.



**To turn off ice production:** Raise the bin arm into an upright and locked position. The unit will preserve temperature for ice storage.

#### **NOTICE**

If not intending to use the ice maker, turn the water supply valve off. It is also important to raise the bin arm of the ice maker (see above). Failure to raise the bin arm may result in damage to the water valve.

Certain sounds are normal during the unit's operation. You may hear the compressor or fan motor, the water valve, or ice dropping into the ice bucket.

# **▲** CAUTION

NEVER use an ice pick, knife or other sharp instrument to separate cubes. Shake the ice bucket instead.

During periods of limited use or high ambient temperatures, it is common for cubes to fuse together. Gently shake the bucket to break apart cubes. If not using the ice maker regularly, empty the ice bucket periodically to ensure fresh cubes.

It is normal for cubes to appear cloudy. The cause is air trapped in the water because of fast freezing. It is not caused by the health, taste or chemical make up of the water. It is the same air that is in every glass of water you drink.

Remove the ice bucket for emptying and cleaning. To remove the ice bucket, raise the bin arm and remove the bucket from the ice compartment. Use the ice bucket for ice storage only.

22 Ice 1

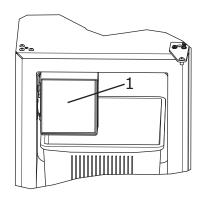


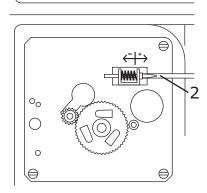
#### **ICE MAKER ADJUSTMENT**

### **Ice Cube Thickness Adjustment**

#### **Interval - As Required**

On ice maker equipped models, adjust the cube size by changing water amount injected into the ice maker assembly as follows:





- 1. Remove the ice maker assembly cover (1).
- 2. Find the adjusting screw on the ice maker assembly control box (2). The adjusting screw is just below the minus (-) and plus (+) signs on the control box.

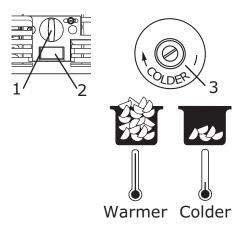


Too large of an adjustment to the screw can cause the water to overflow the ice maker and can cause property damage.

- 3. Turn the adjusting screw toward the minus (-) sign (clockwise) for smaller cubes or toward the plus (+) sign (counterclockwise) for larger cubes.
- 4. Install the ice maker assembly cover.

#### **ADJUSTING ICE HARVEST**

- 1. Remove the front grille (see GRILLE-PLINTH INSTALLATION).
- Using a flat tip screwdriver, turn the adjusting screw
   a small increment clockwise for a COLDER setting (slower ice production) or counterclockwise for a WARMER setting (faster ice production).



3. Reinstall the front grille (two screws).

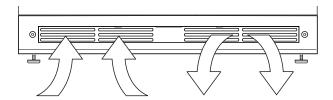
23 Ice 2



## 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.





## Cleaning

#### **EXTERIOR CLEANING**

#### Vinyl Clad (Black or White) Models

Clean surfaces with a mild detergent and warm water solution. Do not use solvent-based or abrasive cleaners. Use a soft sponge and rinse with clean water. Wipe with a soft, clean towel to prevent water spotting.

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

#### Stainless Models

Stainless door panels, handles and frames 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<sup>®</sup> Stainless Steel Polish and Cleaner. 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 surfaces (this includes glass, tile and counter cleaners). If any surface discoloring or rusting appears, clean it quickly with Bon-Ami<sup>®</sup> or Barkeepers Friend Cleanser<sup>®</sup> and a nonabrasive cloth. Always clean with the grain. Always finish with Claire<sup>®</sup> 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 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 recommendations.

#### **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 interior.

25 Cleaning 1



#### **DEFROSTING**

#### **Manual Defrost Models**

This unit is a manual defrost model and will require occasional defrosting. When there is build-up of 1/4" (6 mm) or more of frost, manually defrost the unit.

# **▲** 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.

#### To defrost:

- 1. Disconnect power to the unit.
- 2. Remove ice bucket and discard ice.
- 3. Place towel or other absorbent material on bottom of ice bin.
- 4. Fill the ice bucket half full with warm, not hot water. This will help the unit defrost faster.
- 5. Place the ice bucket back into the unit on top of the towel or other absorbent material.
- 6. Prop the door in an open position (2 in. [50 mm] minimum).
- 7. After about 1 hour remove the ice bin and discard water.
- 8. Allow the frost to melt naturally.
- 9. After the frost melts completely clean the interior and all removed components. (See INTERIOR CLEANING).

#### **NOTICE**

DO NOT clean ice bucket using a dishwasher. The bucket is not dishwasher safe and will be damaged.

10. When the interior is dry, reconnect power and turn unit on.

NOTE: To safeguard against contaminates in ice, discard first three batches of ice after defrosting.

26 Cleaning 2



## Cleaning Condenser

#### **INTERVAL - EVERY SIX MONTHS**

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



Disconnect electric power to the unit before cleaning the condenser.

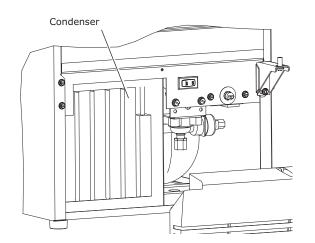


DO NOT touch the condenser fins. The condenser fins are SHARP and can be easily damaged.

#### **NOTICE**

DO NOT use any type of cleaner on the condenser unit.

- 1. Remove the grille. (See GRILLE-PLINTH INSTALLATION).
- 2. Clean the condenser coil using a using a soft brush with a "combing" action or vacuum cleaner. Do not touch the condenser coil.
- 3. Install the grille.





## 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.
- Disconnect the power cord from its outlet/socket and leave it disconnected until the unit is returned to service.
- 3. Turn off the water supply.
- 4. If ice is on the evaporator, allow ice to thaw naturally.
- 5. Clean and dry the interior of the cabinet. Ensure all water has been removed from the unit.
- 6. Disconnect the water and drain line (if applicable) making sure all water is removed from the lines.
- 7. 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. In addition, P60 drain pumps in clear ice machines must be drained according to the following procedure:

- 1. Remove the drain pump from the ice machine.
- 2. Drain the water in the pump's reservoir by turning the pump upside down and allowing the water to drain through the pump's inlet and vent tube fittings.
- 3. After water is drained, reinstall the drain pump and reattach all connections.

For questions regarding winterization, please call U-Line at 414.354.0300.



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

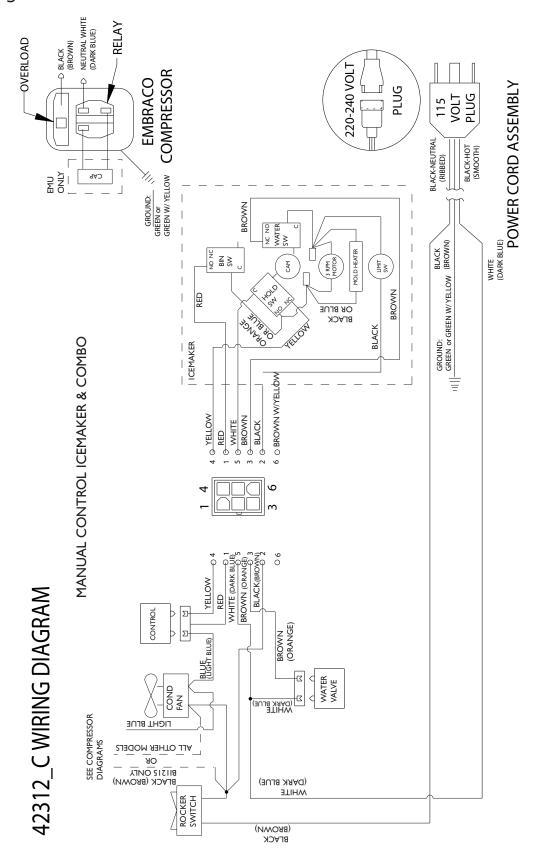
Do not put anti-freeze in your unit.

Extended Non-Use 1

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## Wire Diagram



## **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 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 • onlineservice@u-line.com • +1.414.354.0300