

# USER GUIDE & SERVICE MANUAL



3 Class • UHNB315 / UHNP315 • 15" Nugget Ice Machine

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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](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



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 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.



**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.**



**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.**



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

## **WARNING**

**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.

## 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 °C	Relative humidity %	Dew point °C	Water vapor mass in dry air 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.



## Cutout & Product Dimensions

### PREPARE SITE

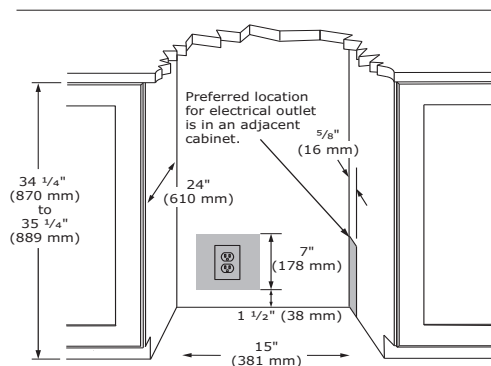
Your U-Line product has been designed for either free-standing or built-in installation. When built-in, your unit does not require additional air space for top, sides, or rear. However, the front grille must NOT be obstructed, and clearance is required for an electrical connection in the rear.



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

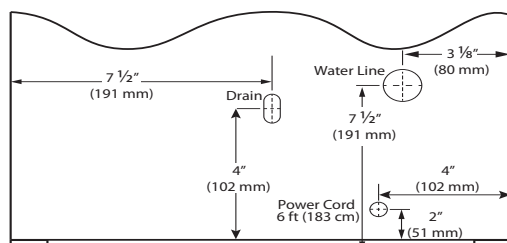
**If you would like to align the face of the unit with other adjacent cabinet doors, you may need to alter the wall just behind the drain connection on the unit to accommodate the drain.**

### CUTOUT DIMENSIONS

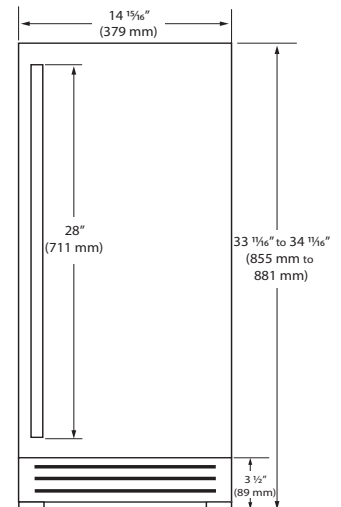


### PRODUCT DIMENSIONS

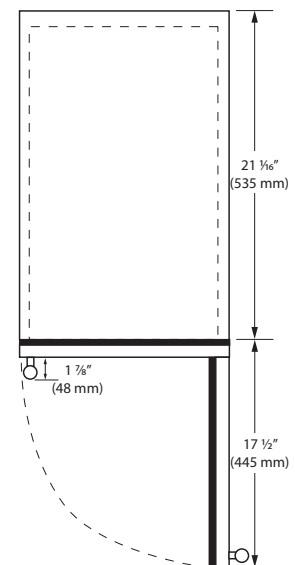
#### REAR



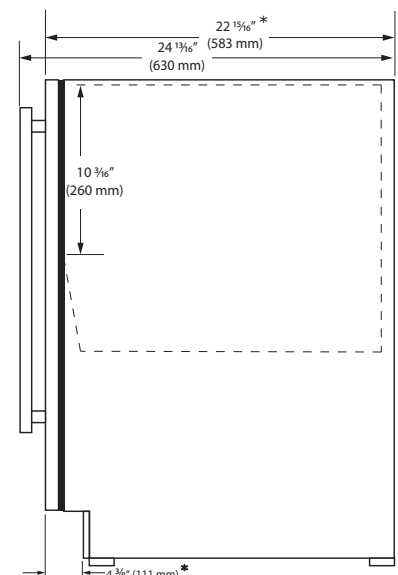
#### FRONT



#### TOP



#### SIDE



\*Add 1/2" for integrated models with 3/4" panel installed.

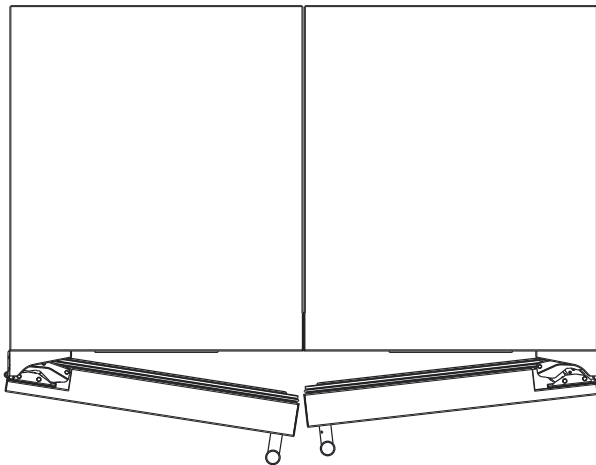
## Side-by-Side Installation

### OTHER SITE REQUIREMENTS

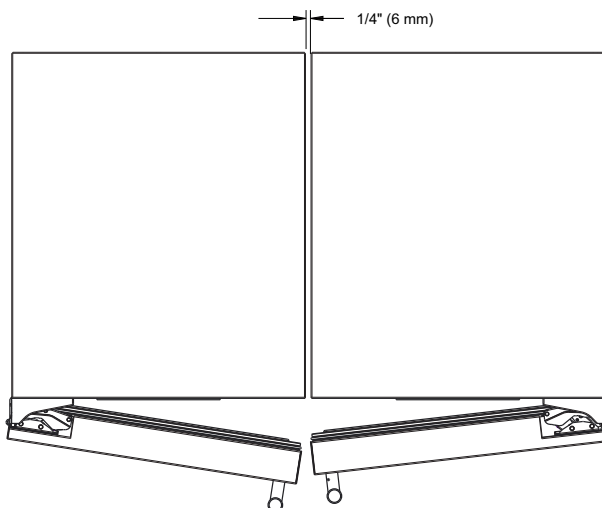
#### Side-by-Side Installation

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.

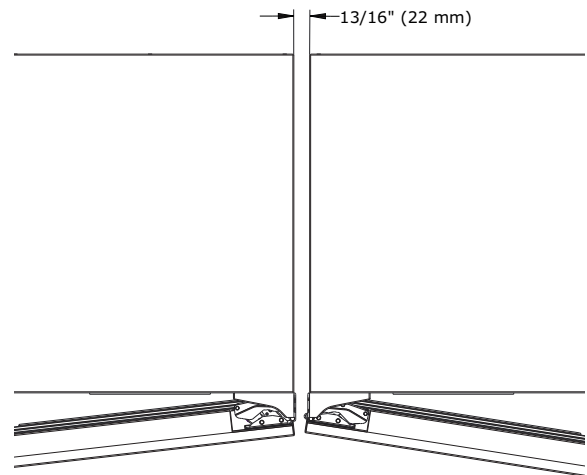


However, to ensure unobstructed door swing (opening both doors at the same time), 1/4" (6.4 mm) of space needs to be maintained between the units.

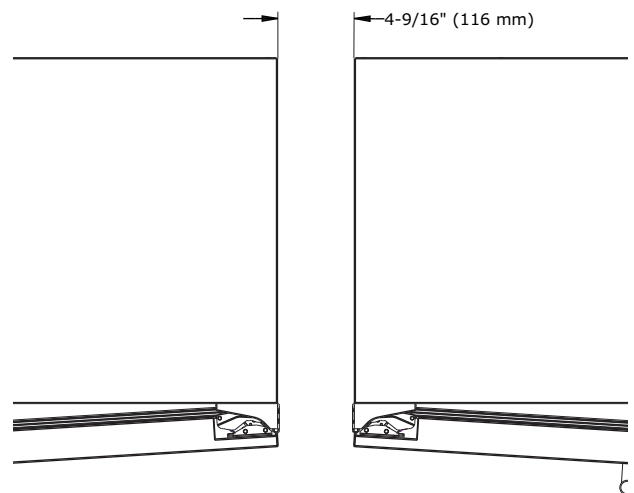


### Hinge-by-Hinge Installation (Mullion)

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.



## 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 # ULAWATERHOOKUP. The kit includes a 10' (3 m) braided flexible water supply line and a brass hose fitting.

### CAUTION

**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 a minimum of 20 and a maximum of 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.

### WARNING

**Connect to potable water supply only.**

### 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.**

### CAUTION

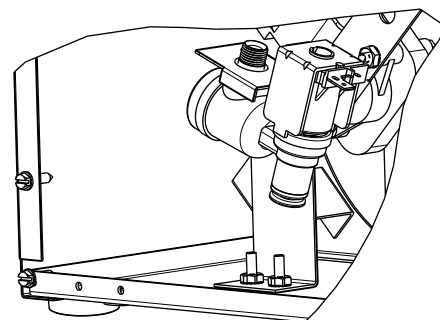
**Turn off water supply and disconnect electrical supply to unit prior to installation.**

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

Turn off water supply and disconnect electrical supply to product prior to attempting installation.

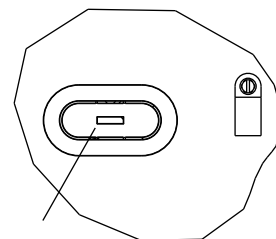
1. Remove the back panel.

2. Locate water valve inlet and connect to valve.



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

4. Thread water line through back panel hole (with bushing).



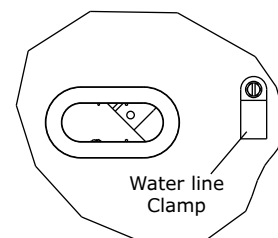
Remove with flat screwdriver

**Note: Orientation of hole and location of water line clamp may be different depending on model.**

5. Turn on water supply and check for leaks.

6. Reinstall back panel.

7. Loosen screw on clamp, thread water line through water line clamp, tighten screw.



Water line Clamp

## Drain

Model numbers including "CL" or "NB" do not include a factory installed drain pump.

Model numbers including "CP" or "NP" include a factory installed drain pump.

### DRAIN CONNECTION



**If your U-Line unit did not come with a factory installed drain pump you must use a gravity style drain connection. For assistance in determining if your unit has a pump please contact U-Line. 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.**

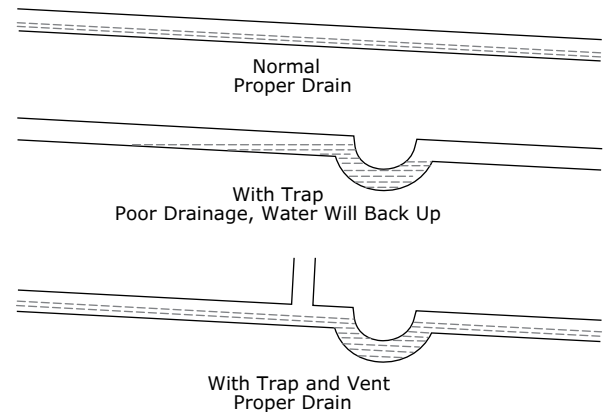
**There is a possibility that hose connections may have loosened during shipment.**

**Verify all connections and fittings are free from leaks.**



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

### GRAVITY DRAIN



### A gravity drain may be used if:

Drain line has at least a 1" drop per 48" (approximately 2 cm drop per 100 cm) of run.

Drain line does not create traps and is vented per local code.

1. Cut the pre-installed drain tube to length.
2. Connect to your local plumbing per the local code.
3. If necessary, insulate drain line to prevent condensation.



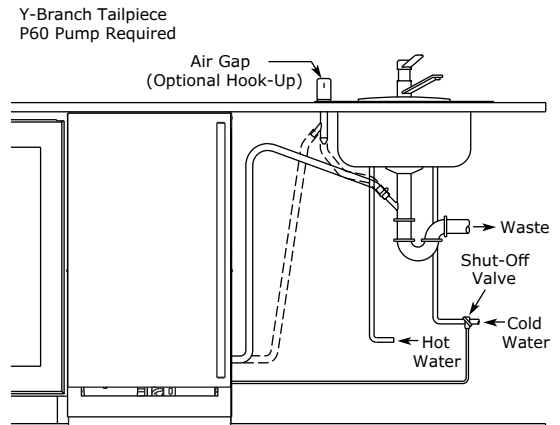
**Failure to connect water supply or drain line connections properly can result in personal injury and property damage. Gravity drain connections must be routed downward from the rest of the unit at the rate of 1/4" per foot (1 cm per 50 cm).**

## FACTORY INSTALLED DRAIN PUMP

If your drain line will run up to a stand pipe, disposal or spigot assembly, or does not otherwise meet the requirements for a gravity drain, you may have ordered a pre-installed U-Line P60 drain pump.

If you need to install a P60 drain pump into your unit, see DRAIN PUMP section in the User Manual.

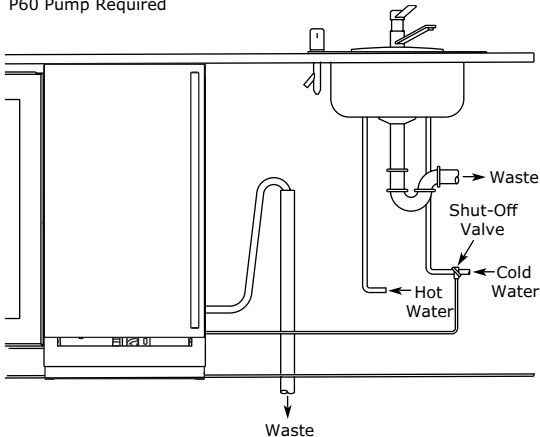
See below for typical installations requiring a drain pump.



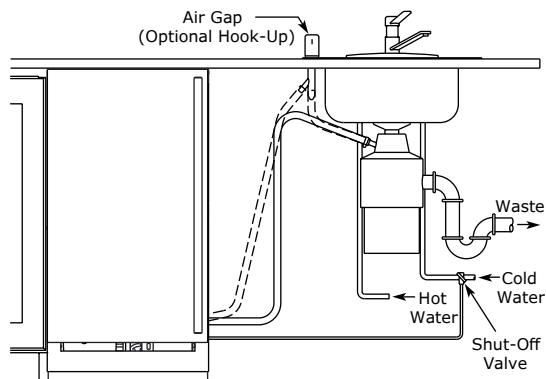
## NOTICE

**The maximum lift for the P60 drain pump is 10 feet. This must be done as close to the rear of the unit as possible.**

Stand Pipe  
P60 Pump Required



Disposal Assembly  
P60 Pump Required

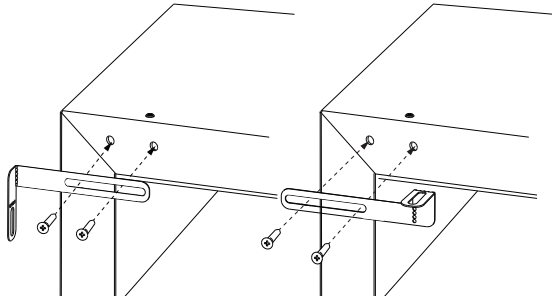


## Anti-Tip Bracket

Use one of the methods below to secure the unit

### CABINET/COUNTER ANTI-TIP INSTALLATION (For built-in applications)

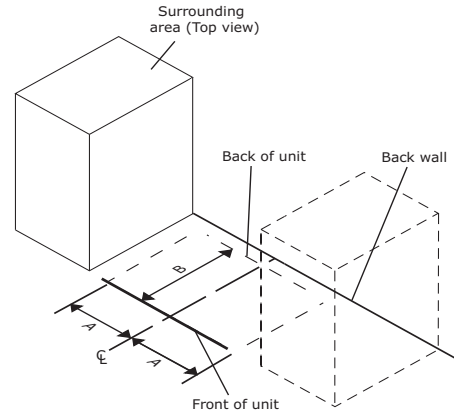
1. Slide unit out so screws on front of unit are easily accessible.
2. Remove the two screws from the front of the unit.



3. Bend bracket along one of the perforations to allow attachment to the desired adjoining surface.
4. Gently push unit into position. Be careful not to entangle the electrical cord or water line, if applicable.
5. 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  $\frac{1}{8}$ " (3 mm) below the countertop.
6. Secure bracket to adjoining surface.

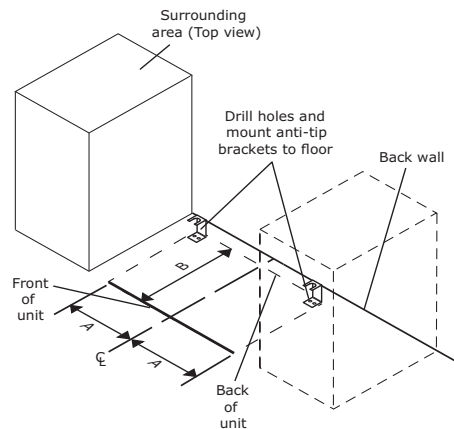
### FLOOR MOUNTED ANTI-TIP INSTALLATION (For free-standing applications)

1. Locate two anti-tip brackets included with the kit.
2. Place the unit into the area where it will be installed. Check the door, sides, and top for a proper fit. Also test to make sure the door opens and closes freely.
3. Remove grille and place a mark on the floor at the front of the unit. Also place a mark on the floor in the center of the unit.
4. Remove the unit. Using a square, extend center line "B" (see chart below). This line serves as the back edge for the anti-tip brackets. From the center line, measure "A" to the left and right. This line is the outer edge of each bracket.



	515	518	524
A	7 $\frac{5}{8}$ "	9"	11 $\frac{15}{16}$ "
B	22"	22"	22"

5. Place the anti-tip brackets on the floor against the line drawn for the outer edge. Mark spots for the screw holes.

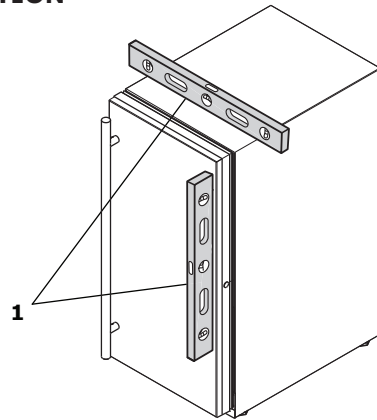


6. Use a  $\frac{1}{8}$ " drill to make two starter holes and fasten the anti-tip brackets to the floor using the screws provided.
7. Place the unit back into position, making sure the feet engage the anti-tip brackets properly. Check the alignment of the lines made on the floor in step 3 with the position of the front feet to ensure proper positioning.

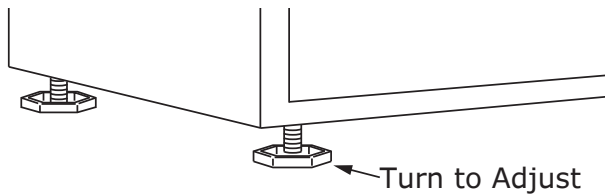
## General Installation

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

## Integrated Panel Dimensions

Metric measurements rounded and optimized.

### 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.**

#### Panel Preparation

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

#### NOTICE

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

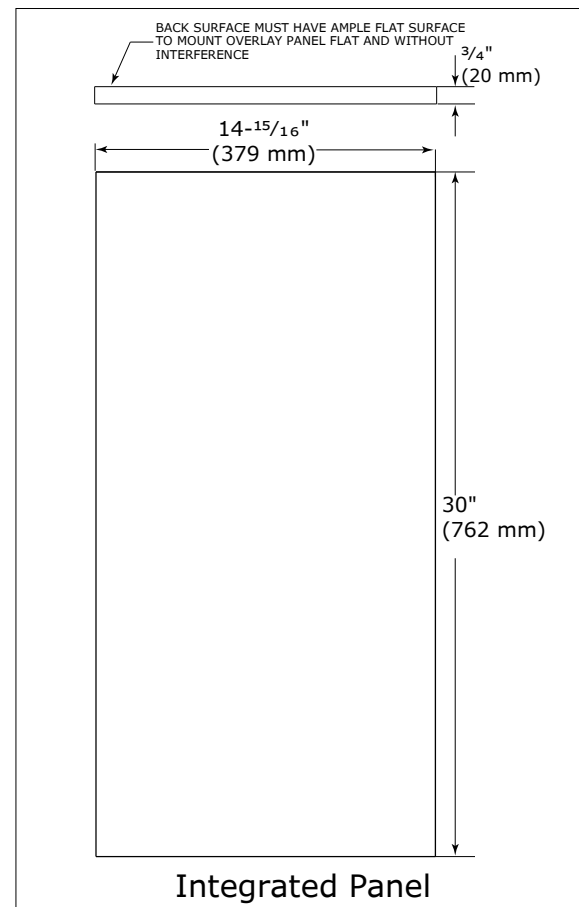
**It is important to ensure that all drilled holes are drilled to the correct depth in order to avoid splits in the wood when hardware is installed.**

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.

#### NOTICE

**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.**

## Integrated Panel Dimensions





## HANDLELESS INTEGRATED DOOR PANEL

The following procedure is designed to provide a finished, handleless solid panel for a 15" (381 mm) door that seamlessly integrates with its surrounding cabinetry.

NOTE: Many cabinet manufacturers provide a ready solution for a handleless, integrated design that can be easily applied to your model. Consult your cabinet manufacturer for applicable design and installation details. The cabinet manufacturer's solution to this design and integration detail will often result in an integrated panel solution wherein the size of the panel may result in a height dimension taller than what we specify. This can be achieved provided the additional height is positioned above the appliance door.

### NOTICE

**The integrated panel aligns with the surrounding cabinetry and, due to differences in cabinetry, may not align perfectly with the door.**

**The appliance will need up to 34-1/2" (876 mm) to the underside of the counter to leave room for leveling adjustments.**

**A single prepared panel with insert must not weigh more than 20 lbs (10 kg).**

### Integrated Panel Preparation

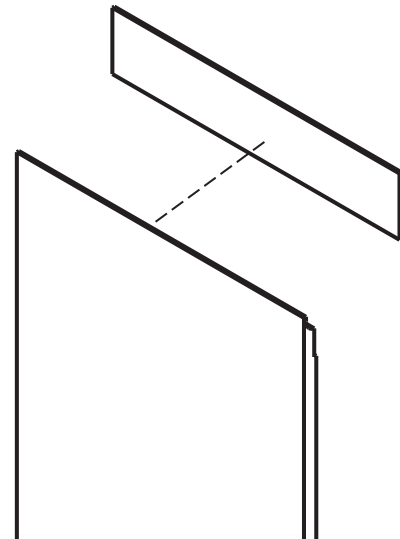
1. Cut the main panel to the dimensions below. For details, see the drawings on the next page.

Main panel width	Main panel height
14-15/16" (379 mm)	28-13/16" (732 mm)

2. Create the top design for the handleless feature and the 1/8" (3 mm) notch for the insert(s) indicated on the Top Detail drawing, on the next page.

3. Prepare the insert(s) that will back up the handleless design. Wooden Insert – Cut 1/8" (3 mm) thick wooden insert(s) to the dimensions below.

Wooden insert width	Wooden insert height
14-15/16" (379 mm)	3-1/2" (89 mm)

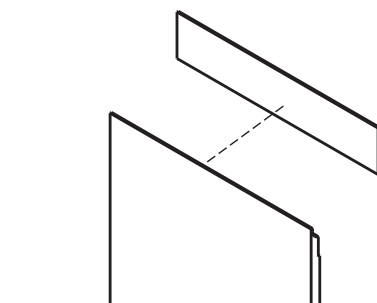


4. Optional: Stain or finish panel and wooden insert to desired stain or color. Be sure to closely follow the instructions provided by the manufacturer.

### NOTICE

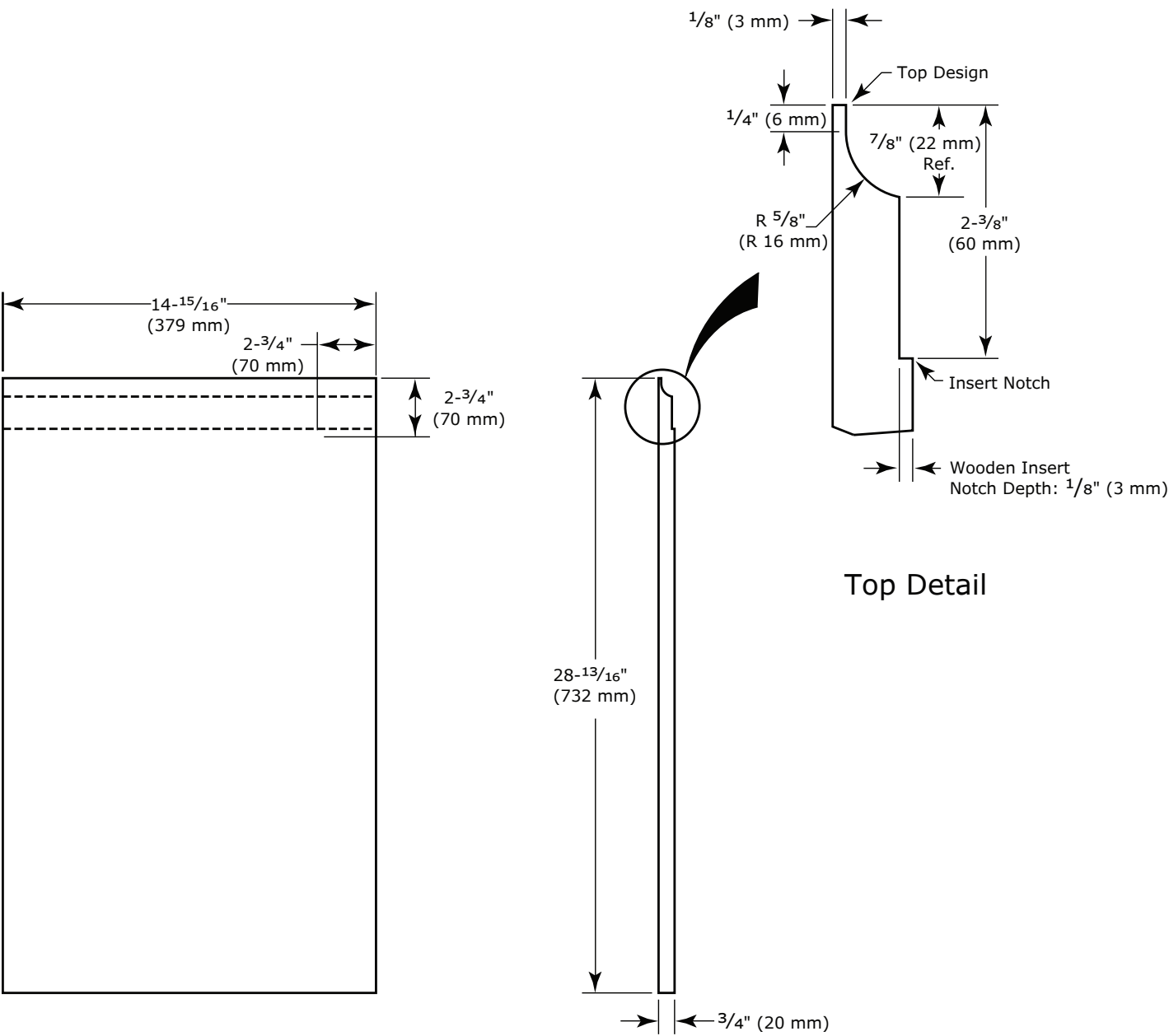
**If finishing panel or wooden insert, all sides must be finished to prevent warping.**

5. Attach the insert to the panel. Wood glue or equivalent adhesive should be used to attach insert to panel.

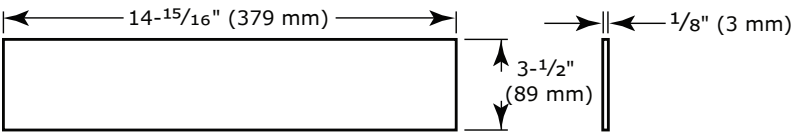


**Attach Wooden Insert**

Handleless Integrated Panel Dimensions



Wooden Insert Dimensions



## EXTENDED 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 panel that seamlessly integrates with surrounding cabinetry.**

### Panel Preparation

An extended integrated panel can be used to maintain alignment with an adjacent extended cabinet height or a reduced toe-kick/grille application.

1. Cut the panels to the dimensions listed in the appropriate diagram on the next page.
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

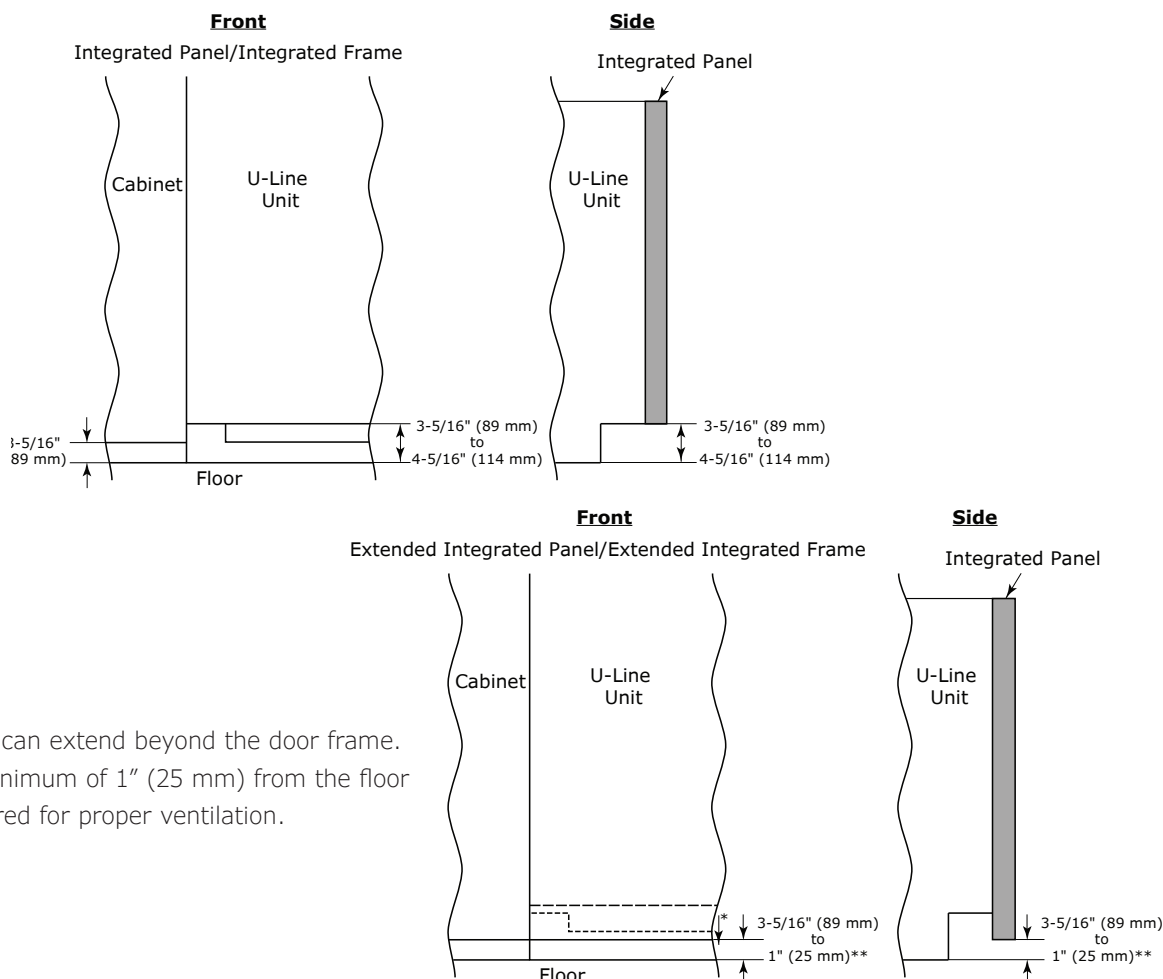
### NOTICE

**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.**

**Appliance will need up to 34-1/2" (876 mm) to the underside of the counter to leave room for leveling adjustments.**

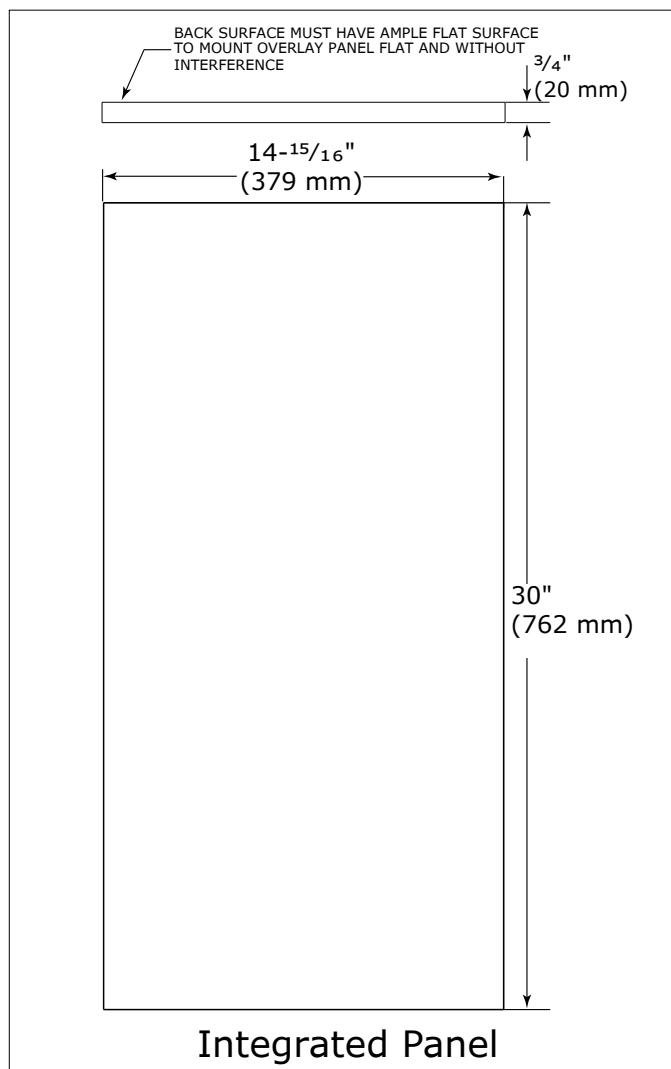
**When applying an integrated panel to a unit, ensure that both sides are finished in order to prevent warping. In some installations, the panel may be visible through the glass while the door is open.**



\* Panel can extend beyond the door frame.

\*\* A minimum of 1" (25 mm) from the floor is required for proper ventilation.

## Extended Integrated Panel Dimensions



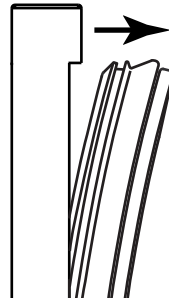
\* A minimum of 1" (25 mm) from the floor to the bottom of the extended integrated panel/frame for proper ventilation.

## 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.



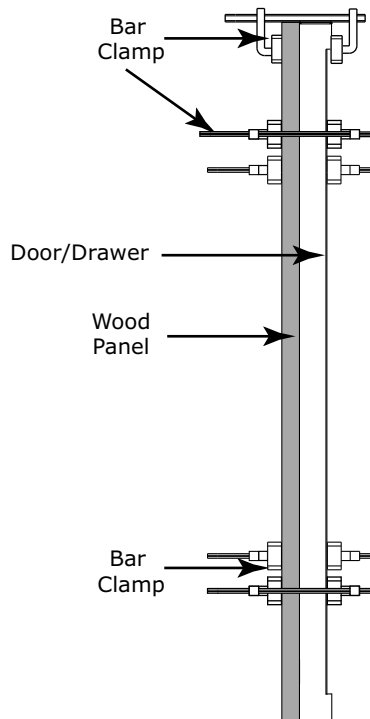
4. Upon removal, lay gasket down on a flat surface.

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.

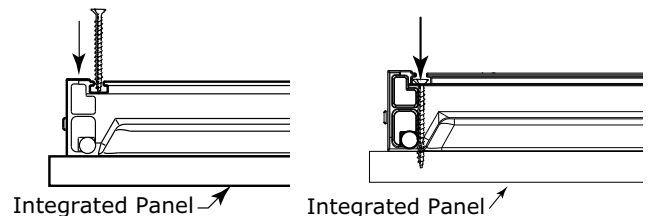
### NOTICE

**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.

## Grille Installation

### REMOVING AND INSTALLING GRILLE



**Disconnect electric power to the unit before removing the grille.**

**When using the unit, the grille must be installed.**



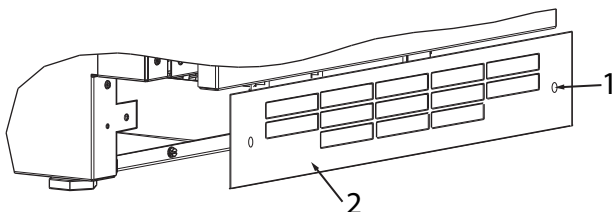
**DO NOT touch the condenser fins. The condenser fins are SHARP and can be easily damaged.**

#### Removing the grille

1. Disconnect power to the unit.
2. Loosen the two screws (1).
3. Remove grille (2) from unit.

#### Installing the grille

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

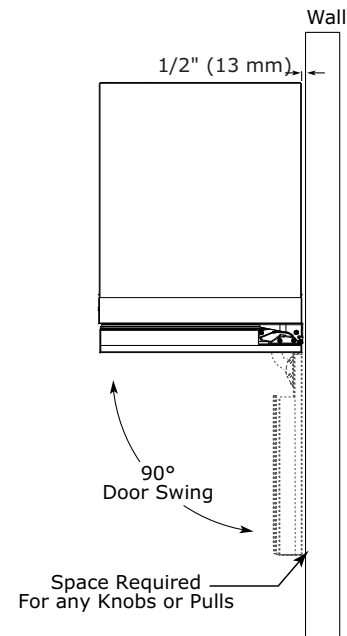


## Door Swing

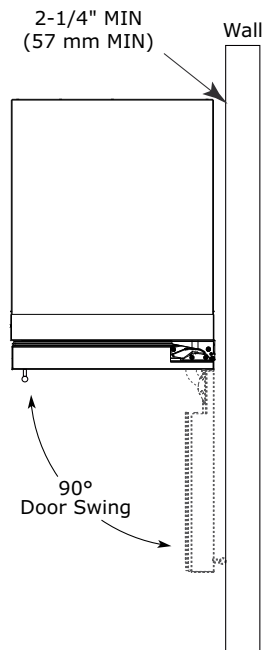
For Integrated models that are installed adjacent to a wall, 1/2" (13 mm) clearance is recommended from wall on hinge side to allow the door to open 90°. Allow for additional space for any knobs or pulls installed on the integrated panel/frame.

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 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

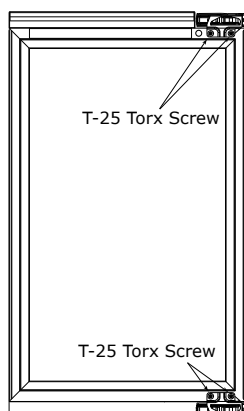
**Properly aligned, the door's gasket should be firmly in contact with the cabinet all the way around the door (no gaps). Carefully examine the door's gasket to ensure that it is firmly in contact with the cabinet. Also make sure the door gasket is not pinched on the hinge side of the door.**



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

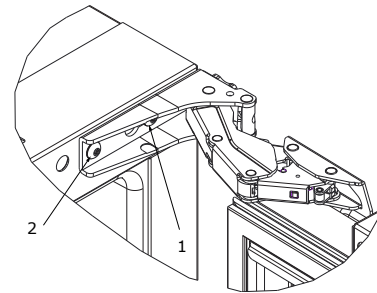
#### Alignment and Adjustment Procedure

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.



**Note: One hinge includes a metal spacer. Spacer must be used with that hinge when reversing the door.**

3. Remove caps from screw heads on opposite side (2 on top and 2 on bottom). 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 180°, align hinge over screw #1 and slide/seat into position. Reinstall screw #2 on top and bottom. Tighten both screws and install hinge cover.

#### Align and adjust the door:

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





## First Use

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

### 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.**

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.





## Ice

The Nugget Ice Machine produces cylindrical bits of compressed ice approximately  $\frac{3}{4}$ " x  $\frac{1}{2}$ ".

Ice is produced until the machine senses the bin is full. As ice slowly melts in the bin, the level of ice drops and ice production resumes. This ensures a constant supply of fresh ice is always available.

The factory default ice setting is 0, which produces a firm and compact ice nugget. U-Line's exclusive U-Choose™ ice adjustability feature allows you five levels of adjustment from 0 to -5. At -5 the ice is soft and chewable.

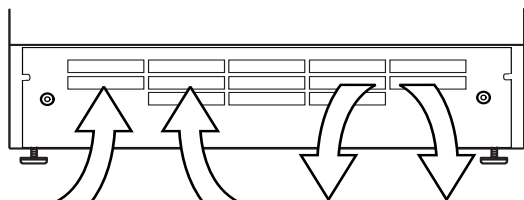
To adjust the ice density:

1. Hold  for 5 seconds - display will flash current ice setting
2. Adjust using  or 
3. Confirm setting by pressing 

## 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® 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 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.**

For information on Keg and Tap Towers, please reference the Single and Double Tap Tower Kits User Guide on u-line.com.

### 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 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 and/or odor to the interior products and damage or discolor the interior.

### NUGGET ICE MACHINE CLEANING CYCLE

This ice machine has an automatic clean alert function. The control will indicate **CL** in the display, reminding you to clean your unit. When **CL** is displayed, ice production will continue. Depending on water conditions, more frequent cleaning may be necessary: see chart below. Cleaning removes lime scale, other mineral deposits, and sanitizes the machine. Poor ice quality and reduced ice output are signs that cleaning is necessary.

TDS (Total Dissolved Solids) Level mg/L (ppm)	Cleaning Interval
5 - 150	6 months
150 - 250	4 months
250 - 400	3 months (or sooner)
Hardness Level mg/L (ppm)	Cleaning Interval
0 - 66	6 months
67 - 133	4 months
134 - 200	3 months (or sooner)

**Under normal conditions cleaning should be done when the display shows **CL**. You may initiate a cleaning cycle at any time by pressing and holding the clean button for 10 seconds. **CL** will appear in the display indicating the start of the cleaning process.**

Failure to clean may reduce the quality and quantity of ice produced. Once the clean cycle begins, it can be canceled by pressing  three times. Press  once more to start making ice. The clean cycle will automatically cancel if user fails to activate control at steps 2, 3b, and 5b within 2 hours.

### Required for cleaning:

- Clean potable water
- Bucket and cleaning sponge
- Internal water filter (if applicable) — ULANUGGETFILTER\*\*
- SafeCLEAN Plus™ Cleaner — ULANUGGETCLEAN\*\*
  - Register your product at u-line.com and receive a free cleaning kit - ULANUGGETCLEANKIT\*\* (cleaner, hose, & funnel)

\*\* available for purchase at u-line.com or your local dealer

**Need more cleaner? Visit [u-line.com](http://u-line.com)**

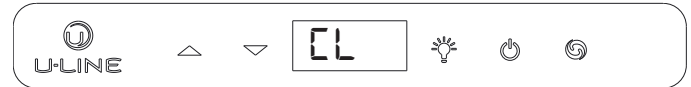



**Use only SafeCLEAN Plus™ Cleaner. Use of any other cleaner may damage the finish of the evaporator and will void the warranty.**

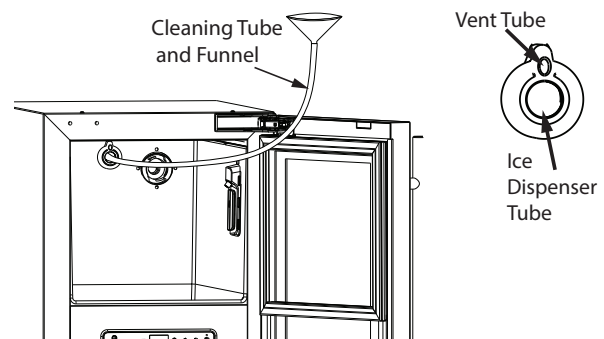
**Follow safety and handling instructions printed on the SafeCLEAN Plus™ bottle.**



### Notice:

**Select models include a water filter. The filter must remain in place when using and cleaning the machine. The filter is designed to filter out scale, sediment, particles and cloudiness as well as reduce chlorine and other off tastes and odors. U-Line recommends replacing the filter (Part No. ULANUGGETFILTER) when you clean your machine. The filter is available at [u-line.com](http://u-line.com).**

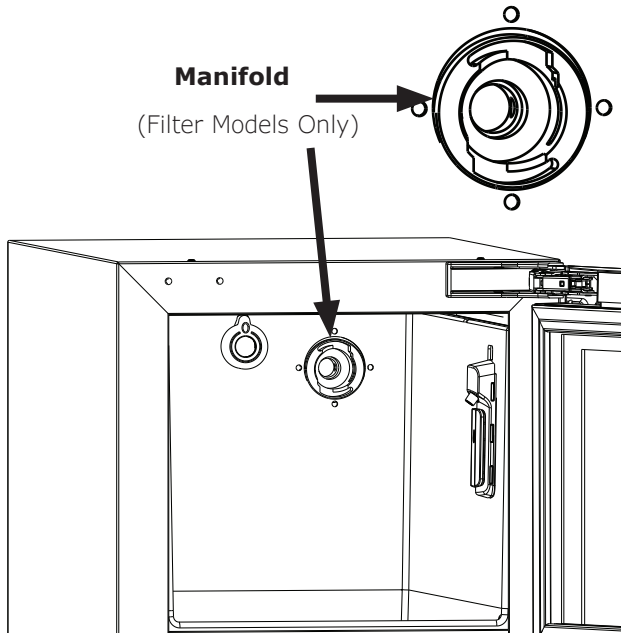



1. Press and Hold  for 10 seconds
  - a. **CL** will appear in the display
  - b. Remove access shield
  - c. Remove all ice in bin
  - d. Remove any ice protruding from the ice dispenser tube.
2. Insert the end of the cleaning tube into the ice dispenser; slowly pour in approximately 1 quart of hot (min. 100° F) potable water. This will melt ice inside the dispenser tube. It is normal for some water to flow from the ice dispenser tube and exit from the vent tube while pouring. Omit this step if no ice is in the ice dispenser tube.



3. Press and release 
  - a. **02** will appear in the display
  - b. Mix 4 ounces of SafeCLEAN Plus™ with 2 quarts of potable water.
4. Wait until **03** appears in the display
  - a. Using the funnel and cleaning tube, slowly pour 3/4 of the cleaning solution into the dispenser tube. Air and some water will exit the vent tube. Remove cleaning tube. (Optional - for deeper cleaning, allow solution to soak for 60 minutes)
  - b. Press and release 
5. **04** will appear in the display
  - a. The machine will circulate the solution, cleaning and sanitizing the internal components, for approximately 20 minutes.
  - b. While the machine is circulating the cleaning solution, use 1/2 of the remaining cleaning solution and a sponge to wipe down the inside of the ice bin and scoop. Rinse with clean potable water.

6. When **05** appears in the display, 3 soft tones will sound, indicating the cleaning phase is complete
  - a. Remove and discard water filter if applicable by rotating  $\frac{1}{4}$  turn counterclockwise.
  - b. Use the remaining cleaning solution to wipe the manifold and surrounding area. Rinse with clean potable water.



- c. Using the hose and funnel, slowly pour 1.5 quarts (48 oz.) of clean potable water into the ice dispenser tube. Air and some water will exit the vent tube.
  - d. Install new water filter. Press and rotate  $\frac{1}{4}$  turn clockwise
  - e. Press and release 
7. **06** will appear in the display
  - a. Reinstall shield and close door.
  - b. The machine will circulate water and perform a series of final rinses for approximately 15 minutes.
  - c. The unit will resume making ice - indicated by 3 soft tones and **ICE** scrolling in the display.
  - . uop[ Discard first 10 minutes of ice production.

## 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.

#### **WARNING**

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

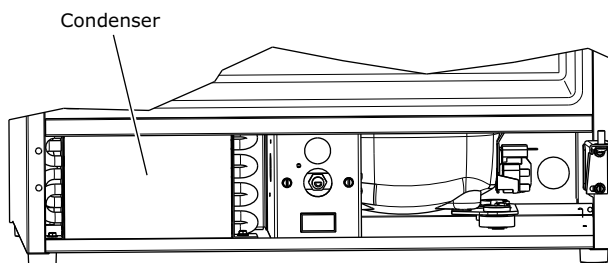
#### **WARNING**

**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.
2. 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.**



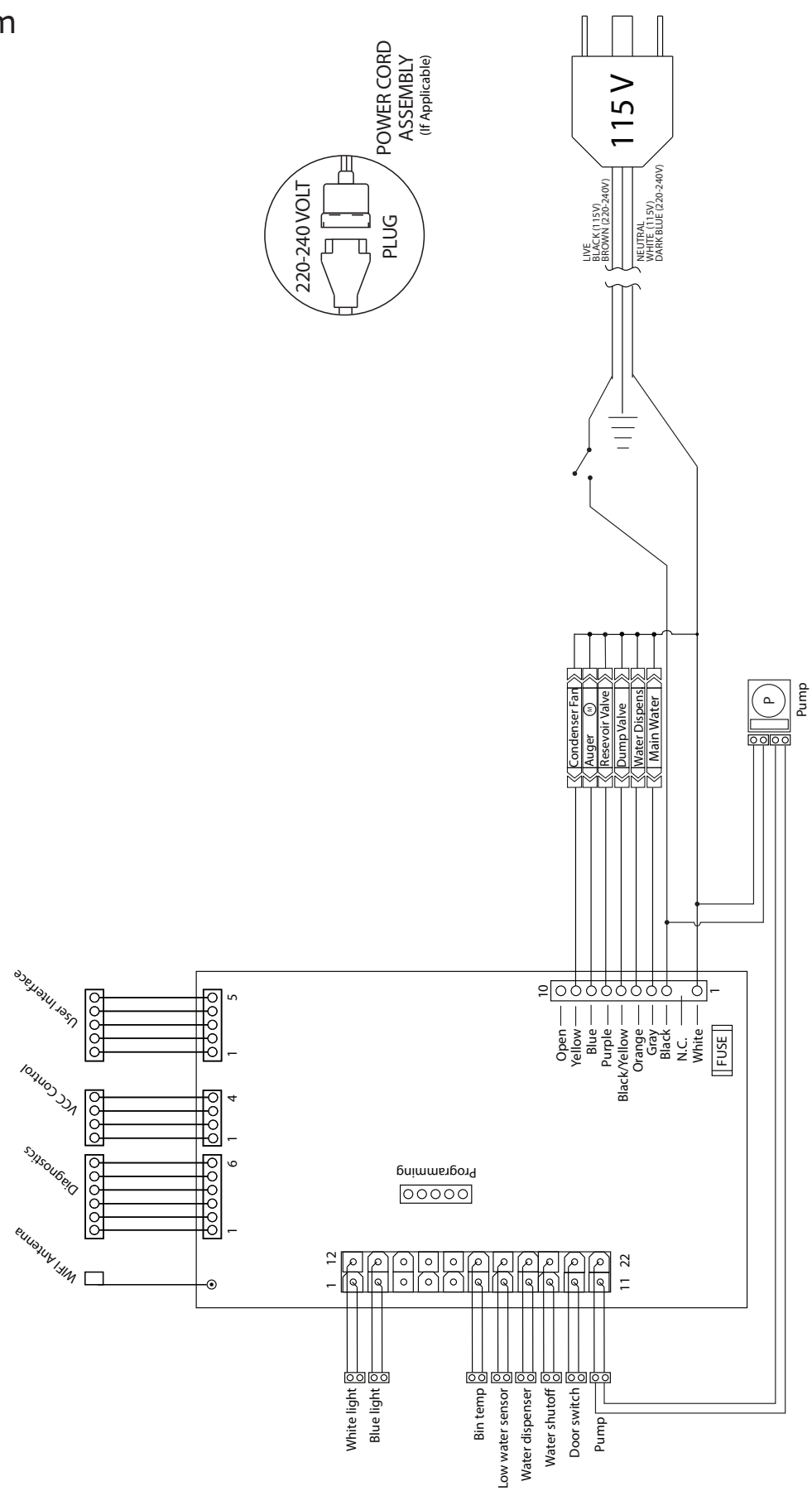
**Damage caused by freezing temperatures is not covered by the warranty.**

**Do not put anti-freeze in your unit.**

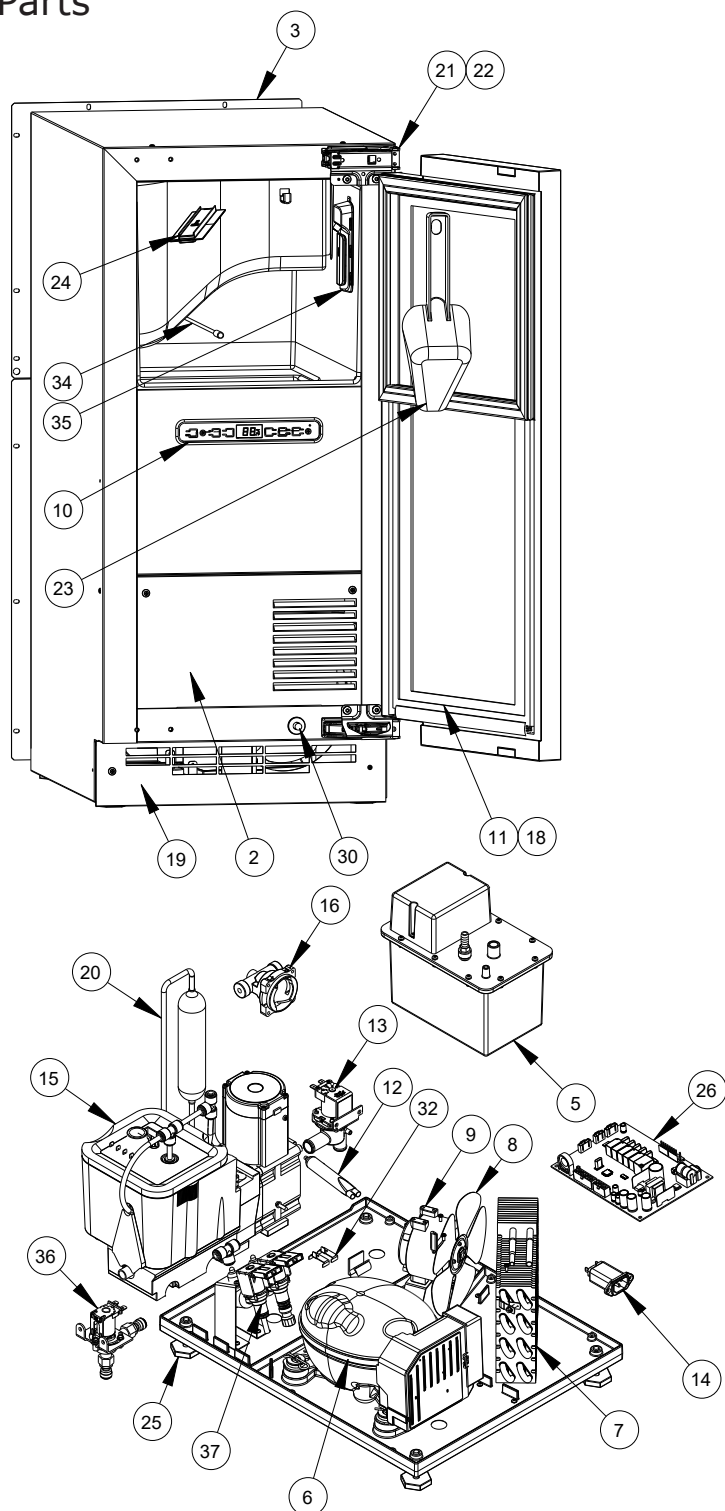


Wire Diagram

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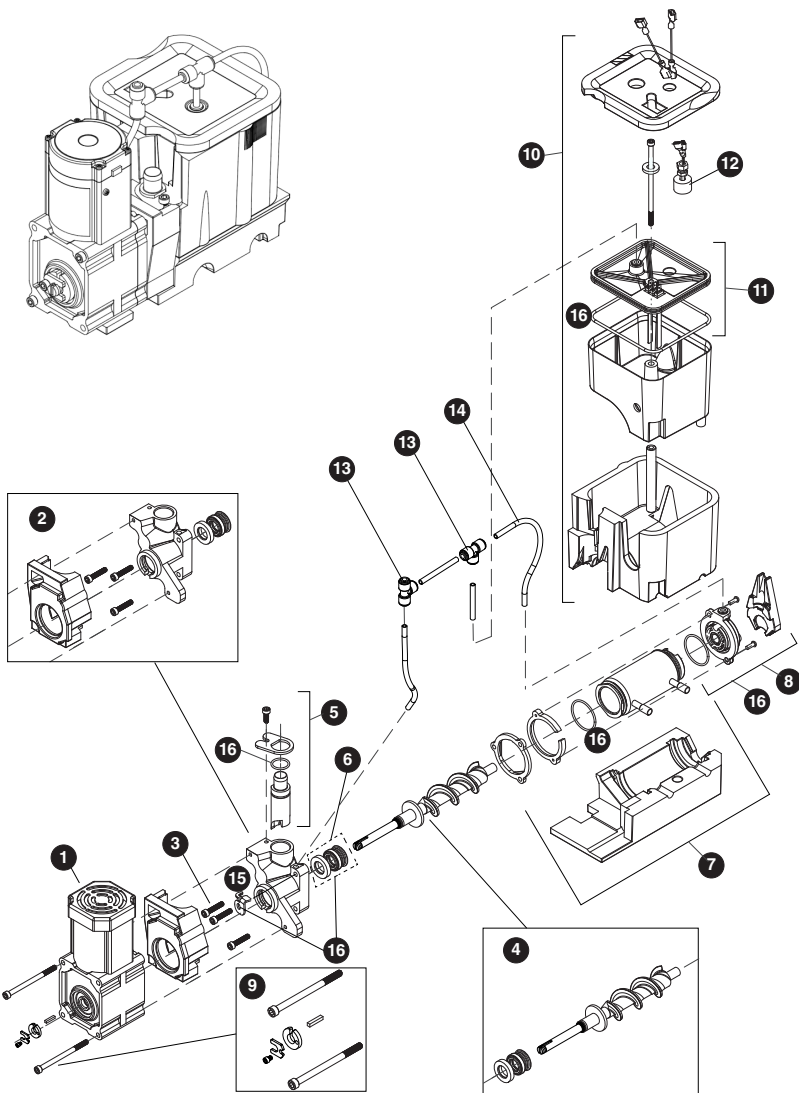
## Parts



UHNP315-IS02A		
Item	Description	U-Line P/N
1	ANTI-TIP BRACKET *	80-55349-00
2	ACCESS PANEL ASSY, NUGGET	80-55369-00
3	BACK PANEL	80-55377-01
4	BRAIDED WATER SUPPLY LINE KIT *	ULAWATERHOOKUP
5	CLEAR ICE MACHINE DRAIN PUMP	80-54130-00
6	COMPRESSOR ASSY, NUGGET 15"	80-55211-00
7	CONDENSER ASSY, NUGGET	80-55379-00
8	CONDENSER FAN BLADE	80-54066-00
9	CONDENSER FAN MOTOR EL/WP	80-54138-00
10	DISPLAY MODULE	80-55214-00
11	DOOR ASSY, NUGGET INT 315	80-55384-00
12	DRIER	80-54055-00
13	DUMP VALVE ASSY, NUGGET 15"	80-55232-00
14	EMI FILTER	80-54832-00
15	EVAPORATOR ASSEMBLY, NUGGET **	80-55371-00
16	FILTER MANIFOLD W/FILTER	80-55234-00
17	FLOAT SWITCH, RESERVOIR *	80-55538-00
18	GASKET, DOOR, NUGGET	80-55372-00
19	GRILLE W/SCREWS, NUGGET	80-55373-00
20	HEAT EXCHANGER, NUGGET	80-55434-00
21	HINGE ASSY, NUGGET	80-55374-00
22	HINGE COVER (2 PCS)	80-54001-00
23	ICE SCOOP, CLR EL/WP	80-54080-00
24	LED LIGHT STRIP AND COVER ASSY	80-54000-00
25	LEG LEVELERS (4)	80-54019-00
26	MAIN BOARD	80-55398-00
27	NUGGET ICE MACHINE CLEANER *	ULANUGGETCLEAN
28	NUGGET ICE WATER FILTER *	ULANUGGETFILTER
29	PACKAGING W/O PALLET *	80-54238-00
30	PLUNGER SWITCH, NUGGET	80-55375-00
31	POWER CORD, 220V *	80-55382-01
32	SENSORS, WATER LEVEL	80-55510-00
33	SERIAL INVERTER, 120V (FMX) *	80-55570-00
34	THERMISTOR(1 PC) EL/WP	80-54006-00
35	WATER DISPENSER ASSY, NUGGET	80-55383-00
36	WATER DISPENSER VALVE ASSY	80-55467-01
37	WATER VALVE, RESERVOIR/INLET	80-55448-00
38	WIRE HARNESS, BOARD *	80-55226-00

\*Not Pictured

\*\*See next page for parts breakdown



## NUGGET ICE EVAPORATOR

1	GEAR MOTOR ASSEMBLY	80-55371-01
2	MAIN HOUSING W/SEAL & SCREWS	80-55371-02
3	SCREWS, MAIN HOUSING	80-55371-03
4	AUGER W/FRONT SEAL	80-55371-04
5	ICE COMPRESSION NOZZLE ASSY	80-55371-05
6	FRONT SEAL AND O-RING	80-55371-06
7	EVAPORATOR ASSY W/INSULATION	80-55371-07
8	HOUSING, BUSHING W/INSULATION	80-55371-08
9	HARDWARE KIT, GEAR MOTOR	80-55371-09
10	RESERVOIR & FLOAT COMPLETE ASSY	80-55371-10
11	LID, RESERVOIR, O-RING	80-55371-11
12	FLOAT SWITCH	80-55538-00
13	T FITTING - 1/4"	80-55371-18
14	WATER LINE, 12" SEGMENT	80-54722-01
15	RETENTION CLIP	80-55371-12
16	WATER SEAL KIT	80-55371-13
17	INSULATION KIT	80-55371-14
18	EVAPORATOR O-RING	80-55371-15
19	FLANGE JACKET FRONT	80-55371-16
20	FLANGE JACKET REAR	80-55371-17

# 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