



Échelon Series

Use and Care Guide

Dual Zone Models

Wine Captain® Models:

2275ZWC & 2275ZWCOL



2275ZWC



2275ZWCOL

Introduction

Congratulations on your purchase of a U-Line refrigeration product. A pioneer in the field for more than 40 years, U-Line Corporation is the world's number one manufacturer of built-in, under-counter, specialty refrigeration and ice making products. U-Line dedicates 100% of its research and development to these products. The result: U-Line technology consistently leads the market with innovation, design, depth of product line and performance.

U-Line products are making life more convenient in homes, businesses, and hotels around the world. U-Line supports its products with a strong dealer network, and its commitment to quality even extends to environmentally safe packaging.

IMPORTANT

READ all of the instructions in this guide completely before operating the unit for the first time.

For future reference, keep this guide in a safe, accessible location. If you need additional information or assistance, please contact U-Line Corporation directly. Contact information appears on the rear cover of this guide.

If you have a problem with the operation of this product, the SERVICE section of this guide will assist you in quickly identifying common problems and provide information on possible causes and remedies. If your product needs service, contact U-Line directly.

Warranty Registration

Your U-Line Corporation Limited Warranty is located on the inside rear cover of this guide. To validate your warranty, the product and its original purchase date must be registered. A Warranty Registration Card has been included for this purpose in the package containing this manual. Complete and mail the Warranty Registration Card, or register your product online at www.U-LineService.com as soon as possible after purchase.

If your product registration is not on file and a request for warranty coverage is received, the date of sale to the U-Line Selling Dealer or Distributor will be established as the first date of warranty coverage for your product.

Please Record Your Model Information

When you request additional information or service, you will be asked for your products model and serial numbers. You can find this information on the serial plate located on the upper right or rear wall in the interior of your unit. This information also appears on the warranty registration card.



Figure 1. Serial Plate

Please record the model number (**Figure 1**), serial number (**Figure 1**), date of purchase, and dealer contact information for your U-Line product below:

Model Number:

Dealer Name:

Serial Number:

Dealer Address:

Purchase Date:

Dealer Telephone:

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1 SAFETY PRECAUTIONS

IMPORTANT

PLEASE READ all instructions completely before attempting to install operate or service your unit.

- Proper installation procedures must be followed if this unit is being initially installed, or is moved to a new location after being in service. An **INSTALLATION GUIDE** for your unit, providing complete installation information is available from U-Line Corporation directly, and must be consulted before any installation is begun. U-Line contact information appears on the rear cover of this guide.
- This unit requires connection to a grounded (three-prong), polarized receptacle that has been placed by a qualified electrician in accordance with applicable electrical codes.

Safety Alert Definitions

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

DANGER

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

WARNING

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

CAUTION

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

General Precautions

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

DANGER

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

WARNING

SHOCK HAZARD - Electrical Grounding Required.

- Never attempt to repair or perform maintenance on the unit until the electricity has been disconnected.
- Never remove the round grounding prong from the plug and never use a two-prong grounding adapter.
- Altering, cutting of power cord, removal of power cord, removal of power plug, or direct wiring can cause serious injury, fire and/or 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.

WARNING

The Anti-Tip Kit must be installed on this unit before it is used. Serious personal injury could occur. Refer to the instructions supplied with the Anti-Tip Kit.

CAUTION

- Use care when moving and handling the unit. Use gloves to prevent personal injury from sharp edges.
- If your model requires defrosting, **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.

IMPORTANT

- 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 air flow can cause the unit to malfunction and may void the warranty.
- Failure to clean the condenser every three months can cause the unit to malfunction. This could void the warranty.
- Allow unit temperature to stabilize for 24 hours before use.
- If your model requires defrosting, never use an ice pick or other sharp instrument to help speed up defrosting. These instruments can puncture the inner lining or damage cooling unit.
- Use only genuine U-Line replacement parts. Imitation parts can damage the unit, affect its operation or performance and may void the warranty.

2 PRODUCT FEATURES

Échelon Dual Zone Wine Captain

Wine Captain Models 2275ZWC and 2275ZWCOL feature specially designed wine racks that allow for the proper horizontal storage of wine. The corks remain moist, which keeps air from entering the bottles.

Models 2275ZWC and 2275ZWCOL will accommodate up to 24 bottles (750 mL size) on the top zone 3 racks, up to 16 bottles (750 mL size) on the bottom zone 2 racks, and up to 3 bottles (750 mL size) in the removable bottom caddy.

Superior Features

- Five fully extendable sliding wine racks provide easy access to all wine bottles.
- Black vinyl wine racks blend with the wine bottles, placing greater emphasis on the wines themselves. The vinyl holds the wine bottles more effectively than a chromed or painted finish.
- This unit features two temperature zones within the cabinet. Each zone has four programmable temperature ranges, so all your specific storage requirements can be satisfied.
- An electronic control panel with digital display allows you to display the interior temperature or range for each zone. The electronic control and digital display provide an attractive appearance, and its method of control provides precise storage temperatures.
- An interior light will illuminate automatically as the door is opened. However, you can easily select two other modes of operation:
 - a. The interior light can be illuminated while the door is closed, providing an attractive display of the unit contents for a period of four hours.
 - b. A blackout mode allows you to darken both interior lights and the LED display, while maintaining complete temperature control in the unit.
- All racks have a contoured maple front trim that adds a fashionable appearance to the unit. The wood facing may be stained, with a WATER-based stain, or replaced in its entirety with other woods or manufactured products (such as Corian® or Sandstone).
- All models feature maintenance-free automatic (cycle) defrost.
- The door features tinted thermal glass that protects the contents from potentially harmful light rays while providing a fashionable appearance.
- All models feature either a stainless steel or full overlay ready door frames.
 - a. Stainless steel units feature a wrapped 2 in. (5.1 cm) wide door frame handle. Stainless steel doors are not field reversible.

- b. Door full overlay wood frames are customer provided, and not supplied by U-Line.
- Self-closing door hinges that engage when the door is open approximately 8-10 in. (20.3-25.4 cm), ensure a positive door seal and prevents door bounce back.
 - Stainless steel models feature a full wrap stainless steel cabinet.
 - An optional commercial handle is available through the dealer to further customize your unit.
 - Models installed in either a free-standing or built-in configuration must be anchored to prevent tipping, using the originally provided anti-tip kit.
 - Units are not recommended for outdoor use.

Features and specifications are subject to change without notice.

3 OPTIONAL COMMERCIAL STRAIGHT HANDLE

Stainless steel models are shipped from the factory equipped with the standard curved handle. An optional commercial straight handle can be purchased directly from your dealer. Order Part No. 14159-01.

4 SERVICE

Before Calling for Service

If your U-Line product appears to be malfunctioning, read through the OPERATION section of this guide to ensure that the function of all controls are clearly understood. If the malfunction persists, the TROUBLESHOOTING GUIDE in this guide will assist you in quickly identifying common problems, and provide information on possible causes and remedies. Most often, this will resolve the problem without the need to call for service.

If Service is Required

If you do not understand a troubleshooting remedy, or your product needs service, contact U-Line Corporation directly at **1-800-779-2547**. Additional contact information appears on the rear cover of this guide.

You will be asked for your product Model and Serial Numbers. This information should be recorded inside the front cover of this guide, following the products original purchase. It also appears on the Model and Serial number plate located on the upper right or rear wall of the interior of your product.

5 REPLACEMENT PARTS

When you need replacement parts, always request that genuine U-Line replacements be used. U-Line products have been designed and engineered using components that work efficiently, and provide superior service life and performance. The use of aftermarket parts or components may affect the safety, operation, performance or durability of your product, and may also void its warranty.

6 OPERATION

Air Flow

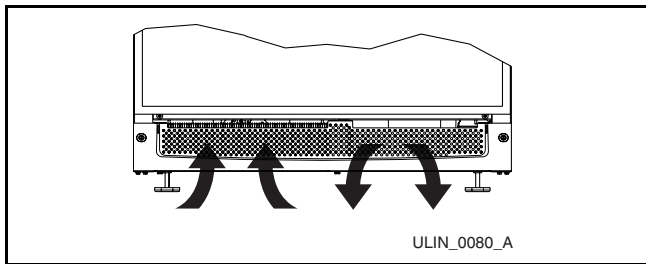


Figure 1. Air Flow Grille

IMPORTANT

Proper air flow (Figure 1) is required for your unit to operate at its highest efficiently. A grille, located in the base of the unit, must not be blocked at any time, or your unit will not perform as expected.

Initial Startup

All U-Line units are shipped with controls that are preset. No initial adjustments are required.

Note: When performing multi-key functions, press and hold the first key, then press the second key the required number of times and release, then release the initial key.

IMPORTANT

When the unit is plugged in for the first time, the unit will power up automatically to the preset defaults.

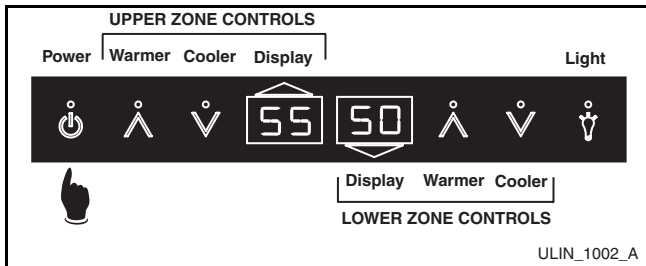


Figure 2. Control Panel Startup

To turn the unit on or off, touch and hold the POWER icon (Figure 2) on the display panel for approximately ten seconds. The unit will beep and the last temperature set-point will be displayed.

- A small LED above the icon will illuminate to confirm the touch of any controller icon.
- The display will show the unit set-point temperature when the unit is on and will show OFF in the display when the unit is off.
- Turning the unit off will override any other control function.
- If power is interrupted (power surge, breaker switch, etc.) and then powered up again, the unit will display the last temperature set-point.

Note: When performing multi-key functions, press and hold the first key, then press the second key the required number of times and release, then release the initial key.

Interior Lighting

The interior of the cabinet can be illuminated whenever the door is opened (default mode), illuminated for a four-hour period, or remain darkened (blackout mode).

The LIGHT icon (Figure 3) on the control panel is used to change the lighting functions.

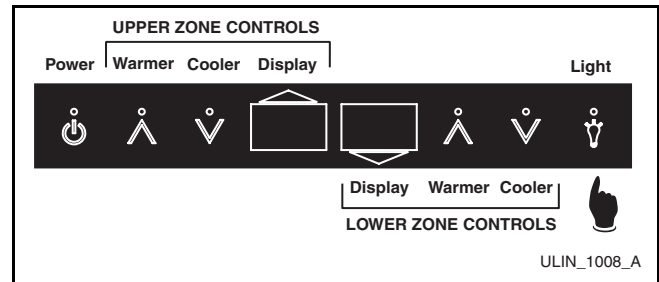


Figure 3. Interior Lighting Off

LIGHTS AND DISPLAY OFF (BLACKOUT MODE)

1. Touch and hold the LIGHT icon (Figure 3) for ten seconds.
2. The interior light and control displays will go dark.

Note: Although the displays will not be visible, the temperature controls in the unit remain active, and the interior temperatures will be maintained.

3. To exit the blackout mode, repeat Step 1.

INTERIOR ILLUMINATED FOR FOUR-HOUR PERIOD

1. Touch and release the LIGHT icon (Figure 3) to switch from door-operated lighting control to continuous lighting.
2. To return to door-operated lighting control before the four-hour period is up, repeat Step 1.

Dual Temperature Zones

Your unit has been designed to provide two temperature zones (top and bottom) in the cabinet. Each zone can be adjusted within the 4 following temperature ranges:

Note: These are product temperatures, not air temperatures.

WINE CAPTAIN TEMPERATURE RANGES

	Default	Range
RW (Red Wine)	55°F	60° - 50°F
WW (White Wine)	50°F	55° - 45°F
SW (Sparkling Wine)	45°F	50° - 40°F
BV (Beverage)	38°F	60° - 34°F

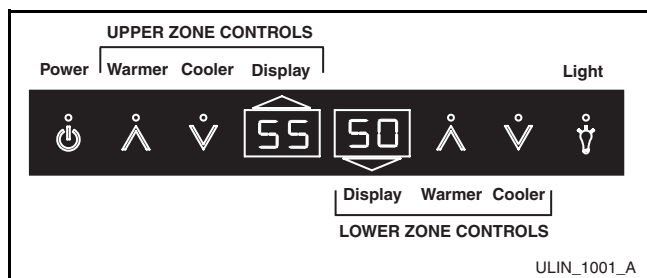


Figure 4. Temperature Display

Temperature Display

The electronic control is configured to show a single temperature continuously in each display (Figure 4).

ADJUSTING SET-POINT TEMPERATURE

IMPORTANT

Adjust the set-point temperature and wait 24 hours for the temperature to stabilize before rechecking.

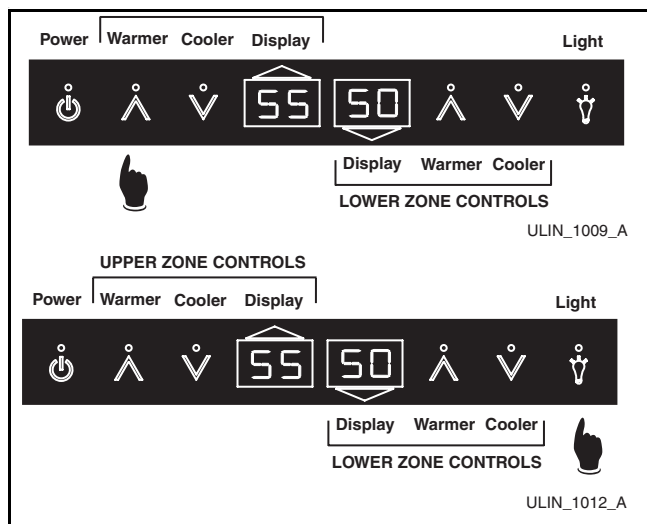


Figure 5. Adjusting Set-Point Temperature

This default temperature is used by the controller to maintain the temperature zones in your unit.

The default temperatures are a recommendation. If further temperature adjustments are required, use the following procedure to adjust the set-points.

1. Press and release the desired zone WARMER icon to put the controller in the SET TEMPERATURE mode. The current range symbol will show on the display (top, Figure 5).

Note: If no further action is taken, this mode will self cancel in five seconds, and the original set-point temperature will be displayed.

2. Press the WARMER or COOLER icon to scroll to the desired range (RW, WW, SW, BV).
3. When the desired range is displayed, press the LIGHT icon to display the current set-point temperature (bottom, Figure 5).
4. Press the WARMER or COOLER icon as required to adjust the set-point temperature.
5. When the desired set-point is displayed, press the LIGHT icon. The new set-point will show in the display.
6. Repeat for other zone display if required.

IMPORTANT

Whenever a zone range is changed (example: RW to WW), it will revert to the factory default.

DISPLAYING ACTUAL ZONE TEMPERATURE

To display actual zone temperatures (not set-point):

1. Press and hold the WARMER icon for the desired zone for approximately five seconds until unit beeps, and release when the decimal in the display begins to flash (Figure 6).
2. The display will show the actual zone temperature.
3. After five seconds, the display will return to the set-point temperature.

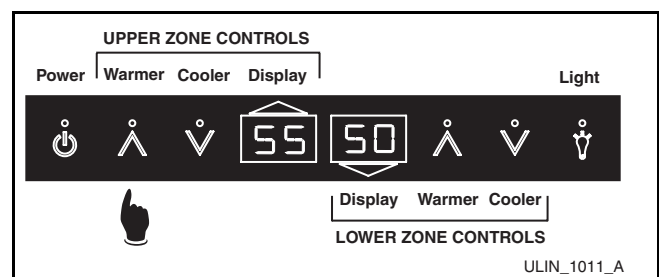


Figure 6. Displaying Zone Temperature

DISPLAY OFF MODE

A DISPLAY OFF mode is available through the control panel. This mode allows you to control whether the displays (**Figure 7**) will be ON or OFF whenever the door is closed. The icon touch sequence that follows will switch between both modes:

1. Touch and hold the left display WARMER icon, and within five seconds press the POWER icon three times (**Figure 7**).
2. The displays will be either visible or dark when the door is closed.
3. To return to the previous mode, repeat Step 1.

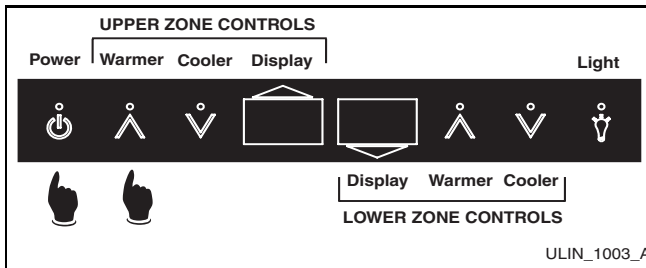


Figure 7. Turning Display On/Off

TEMPERATURE DISPLAY SELECTION (°F OR °C)

U-Line products supplied for 110 VAC operation have temperatures displayed in a default Fahrenheit (°F) configuration. Models supplied for 220 VAC operation have temperatures displayed in a default Celsius (°C) configuration.

The display can easily be adjusted for either type of temperature display.

Press and hold the LIGHT icon (**Figure 8**) and within five seconds press the left display COOLER icon three times to change the display as desired.

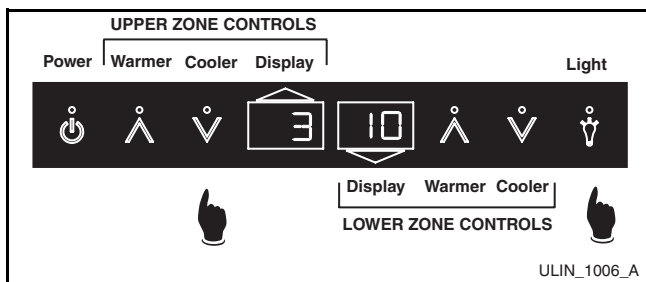


Figure 8. Switching Between °F and °C (Celsius Shown)

Slide Out Caddy

The slide out caddy is located at the bottom of the cabinet. To gain access, grasp the handle and slowly pull out to access the contents.

The caddy may be lifted up from the frame for transporting the contents.

7 NORMAL OPERATING SOUNDS

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

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

Common refrigeration components, and a brief description of the normal operating sounds they make, are listed below.

Note: Your product may not contain all of the components listed.

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

8 STORAGE, VACATION & MOVING

If the unit will not be used for an extended period, or otherwise stored, follow these steps completely:

⚠ WARNING

Electrical Shock Hazard. Disconnect power before servicing. Before operating, replace all panels. Failure to do so may result in death or electrical shock.

1. Remove all consumable contents from the unit.
2. Disconnect the power cord from its outlet, and leave it disconnected until the unit is returned to service.
3. Clean and dry the interior of the cabinet (See *MAINTENANCE & CLEANING: INTERIOR CLEANING*).
4. During periods of non-use, the cabinet must remain open to prevent the formation of mold and mildew. Open door a minimum of 2 in. (5 cm) to provide the necessary ventilation.

9 PRODUCT DISPOSAL

If the unit is being removed from service for disposal, check and obey all Federal, State and/or Local regulations regarding the disposal and recycling of refrigeration appliances, and follow these steps completely:

1. Remove all consumable contents from the unit.
2. Disconnect power to the unit and unplug the power cord from its outlet.

⚠ DANGER

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

3. Remove the cabinet door.

10 WINE GUIDE

Wine Stocking Recommendations

Specially designed wine racks allow for the proper horizontal storage of wine. The bottles are properly positioned so the wine remains in contact with the cork to assure that the cork does not become dry.

Stock your unit as follows:

1. The wine racks should be stocked beginning with the lowest rack, at the back, and working forward. Stagger the bottles as shown.

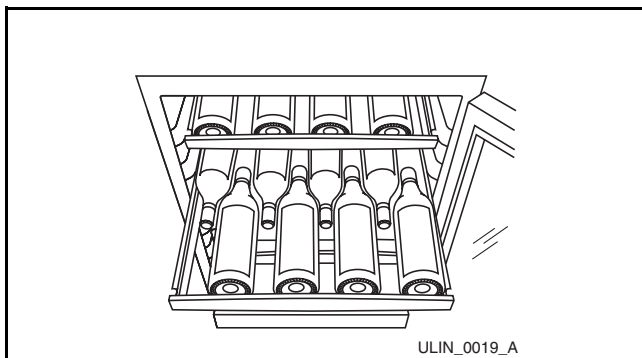


Figure 9. Stocking Remaining Racks

Note: After stocking, allow unit to run for 24 hours to stabilize product temperatures.

2. Repeat Step 1 to stock the next higher rack, and continue until all racks are filled (**Figure 9**).

Wine Selections Suggestions

Selecting the right wine for the right occasion can sometimes be a seemingly awkward or difficult task for the beginning wine enthusiast. We would therefore like to present you with a few suggestions which may provide a little more confidence and enjoyment when choosing and serving your wines.

When selecting wines, keep an open mind and do not be afraid to be adventurous. Do not view the subject of wine so seriously it discourages you from learning and discovering for fear of embarrassment if something is incorrect. Wine is best viewed as a hobby and enjoyed.

When assembling your collection, try not to become obsessed with "Vintages." Although a chart can be a useful tool, generalizations about a specific year have led more than one collector to disappointment. In many instances an "Off Year" will provide a better value and more drinking enjoyment.

The primary guideline to the subject of wine is your own palate. Do not be afraid to make mistakes. Experiment, discover, but most of all, enjoy yourself and your new U-Line product.

SUGGESTIONS FOR MATCHING FOOD AND WINE

Although there are no hard fast rules for matching wine to food, observe some guidelines. Delicate dishes should be accompanied by lighter more delicate wines. Full-flavored foods should be matched with fuller-bodied wines.

As a general rule, one should aim to ascend in flavor and quality of wines served.

Serve a:	Before a:
DRY wine	SWEET wine
WHITE wine	RED wine
YOUNG wine	OLD wine
LIGHT-BODIED wine	FULL-BODIED wine

Any step back in quality will be noticed. If a fine wine is tasted prior to a lesser wine, many of the fine wine's subtle qualities may be missed.

COMMON FOOD AND WINE MATCHES

Foods	Wines
Fish, Shell Fish, Crab, Oysters	Dry White Wines, Light Sparkling or Extra Dry Champagne
Beef, Venison	Full-Bodied Red Wines
Pork, Veal, Lamb and Poultry	Light-Bodied Red Wines
Fruit	Sweet White and Sparkling Wines

GUIDE TO COMMON STYLES OF WINE

Red Wines		
Full-Bodied Dry	California French Italian	Zinfandel, Cabernet Rhone, Chateauf-neuf-du-Pape Barbaresco, Barolo
Medium-Bodied Dry	California French	Pinot Noir Bordeaux, Burgundy
Light-Bodied Dry	French Italian	Beaujolais Chianti, Bardolino
White Wines		
Full-Bodied Dry	California French	Chardonnay Montrachet, Meursault Puligny-Montrachet
Medium-Bodied Dry	California French	Sauvignon-Blanc Pouilly-Fuisse, Sancerre, Vouvray, Graves
Light-Bodied Dry	French	Chablis, Muscadet, Pouilly-Fume
Full-Bodied, Very Sweet	Germany France Hungary	Beerenauslese Sauternes Tokay
Medium-Bodied, Semi-Sweet	California Germany	Gewurtztraminer Liebfraumlch
Light-Bodied Off Dry	Germany	Rhine, Mosel, Riesling

COMMON TASTING TERMS

Terminology	Description
Acidity	A critical element of wine that is responsible for preserving the wines freshness. Excess acidity results in an overly tart and sour wine.
Balance	A desired trait where tannin, fruit and acidity are in total harmony. Wines with good balance tend to age gracefully.
Body	The weight and presence of wine in the mouth provided by the alcohol and tannin level. Full-bodied wines tend to have this strong concentration.
Bouquet	The blending of a wine's aroma within the bottle over a period of time, caused by volatile acidity.
Complex	A subjective term often used in tasting. A wine is said to be complex if it offers a variety of flavors and scents that continue to evolve as it develops.
Flabby	A wine that lacks structure, or is heavy to the taste, lacks acidity.
Full-Bodied	Wine high in alcohol and extract, generally speaking, fills the mouth, powerful.
Lean	Generally describes wines that are slim, lacking of generosity or thin.
Oaky	A desirable flavor imparted to wine if done in moderation. Most wines are aged in oak barrels one to three years, thereby receiving this toasty oak characteristic. However, if a weak wine is left in contact too long with an oak barrel it will tend to be overpowered with an oaky taste.
Tannin	Tannins are extracted from the grape skins and stems and are necessary for a well-balanced red wine. Tannins are easily identified in wine tasting as the drying sensation over the gums. Tannins generally fade as a wine ages.

11 MAINTENANCE & CLEANING

Proper maintenance of your U-Line product will ensure efficiency, top performance and long life. The maintenance intervals listed are based on normal conditions. You may want to shorten the intervals if you have pets or other special considerations.

Exterior Cleaning (As Required)

STAINLESS STEEL MODELS

- Stainless steel surfaces and components can discolor when exposed to chlorine gas, pool chemicals, salt water or cleaners with bleach.
- Keep your stainless steel unit looking new by cleaning with a good quality all-in-one stainless steel cleaner/polish on a monthly basis. For best results use Claire® Stainless Steel Polish and Cleaner, which can be purchased from U-Line Corporation (P/N 173348). Comparable products are acceptable. Frequent cleaning will remove surface contamination that could lead to rust. Some installations may require cleaning on a weekly basis.
- **Do not clean with steel wool pads.**
- **Do not use cleaners that are 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 non-abrasive cloth. Always clean in the direction of the grain. Always finish this process 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 that is not cleaned up promptly can penetrate into the surface of the stainless steel and complete removal of the rust may not be possible.

Interior Cleaning (As Required)

- Disconnect power to the unit. Clean the interior and all removed components using a mild non-abrasive 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 transmit taste to the interior products and damage or discolor the interior.**

Defrosting

AUTOMATIC (CYCLE) DEFROST MODELS

Automatic defrost models do not produce frost in normal operating conditions. However, a frost pattern may be noticed on the interior walls if the unit is repeatedly

opened in a high heat or high humidity location. If this frost pattern does not clear within 24 hours, your unit will require manual defrosting.

⚠ WARNING

DO NOT use any type of electrical heating device, ice pick, knife or other sharp instrument to defrost; this could damage the inner lining or refrigeration system and void the warranty.

IMPORTANT

The drain pan was not designed to capture the water created when manually defrosting. To prevent water from overflowing the drain pan, place towels or other absorbent materials over the interior drain trough, under the evaporators (Figure 10), before defrosting.

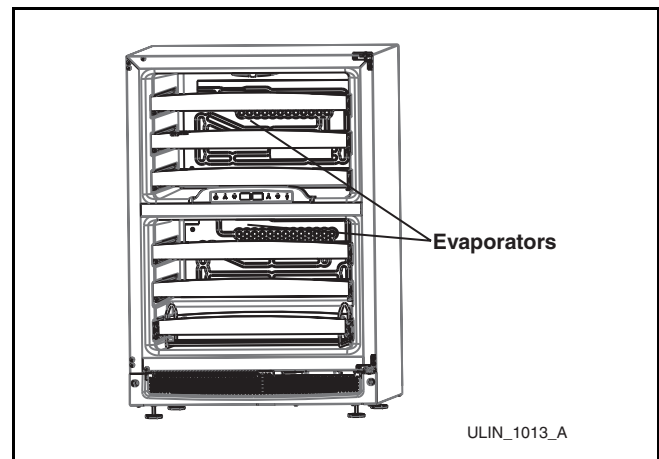


Figure 10. Evaporators Location To defrost:

1. Turn unit off.
 2. Remove all products from the interior and prop the door in an open position (2 in. (5 cm) minimum).
 3. Allow the frost to completely melt naturally. Clean the interior and all removed components using a mild non-abrasive detergent and warm water solution applied with a soft sponge or non-abrasive cloth.
- Note: DO NOT use any solvent-based or abrasive cleaners. They will discolor or damage the interior.*
4. Dampen a soft sponge or non-abrasive cloth in clean water and wipe down the cabinet interior and removed components to remove any detergent residue. Rinse the sponge or cloth in clean water and repeat as necessary until the cabinet and components are clean.
 5. When the interior is dry, turn unit back on.

Condenser Cleaning

INTERVAL - EVERY THREE MONTHS

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

WARNING

Disconnect electric power to the unit before cleaning the condenser.

To remove and replace the grille for access to the condenser fins, follow this procedure:

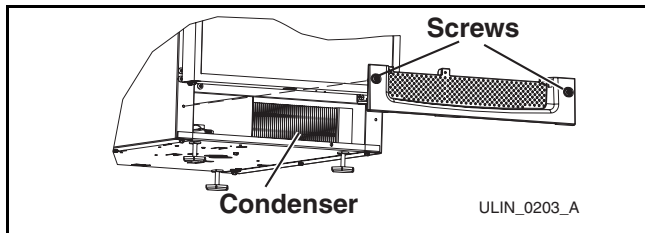


Figure 11. Grille and Condenser

1. Disconnect electrical power to the unit.
2. Loosen two screws (**Figure 11**) completely.

NOTE: Screws are held in the grille by o-ring retainers, and will not come free of the grille.

3. Remove the grille.

WARNING

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

CAUTION

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

4. Clean the condenser coil (**Figure 11**) using a soft brush with a "combing" action or vacuum cleaner. Do not touch the condenser coil.
5. Position the grille to align the mounting screws with the holes in the cabinet.
6. Secure, but do not over-tighten both grille screws.
7. Reconnect power to the unit.

Leveling

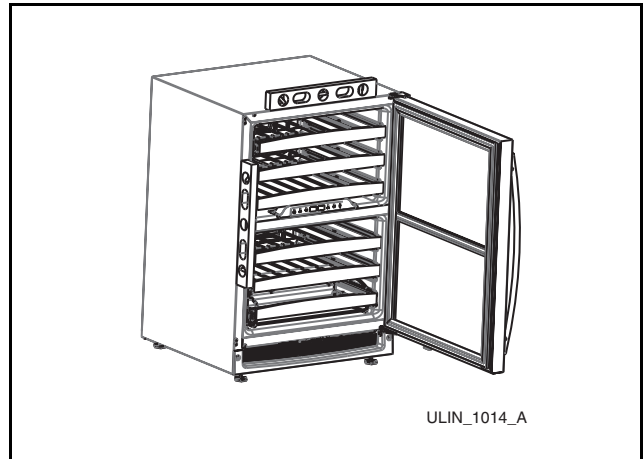


Figure 12. Leveling the Unit

1. Use a level to check the levelness of the unit from front to back and from side to side. Level should be placed along top edge and side edge as shown (**Figure 12**).

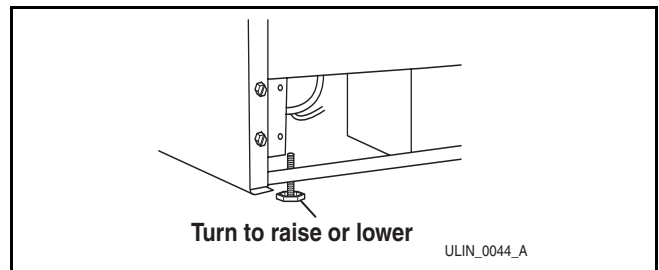


Figure 13. Adjustable Foot

2. If the unit is not level, adjust the feet on the corners of the unit as necessary (**Figure 13**).
3. Check the levelness after each adjustment and repeat the previous steps until the unit is level.

Door Alignment Check and Adjustment

IMPORTANT

When properly aligned:

- The door will not be flush with the top of the cabinet. The top edge of the door will be 1/8 in. (3.175 mm) below the cabinet top.
- The door gasket will be firmly in contact with the perimeter of the cabinet and not pinched on the hinge side of the door.

The following procedure will correct for up to 1/4 in. misalignment:

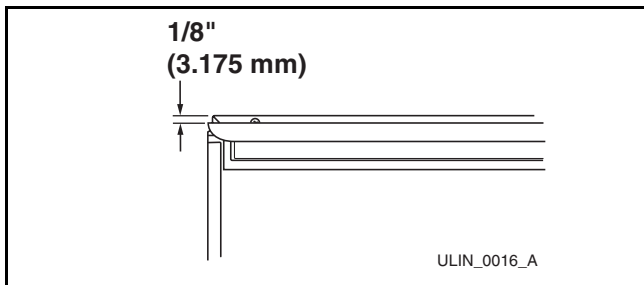


Figure 14. Checking Door Alignment

1. Compare the top edge of the door (opposite the hinges) to the top edge of the cabinet (**Figure 14**) and note the type (up or down) of adjustment needed.

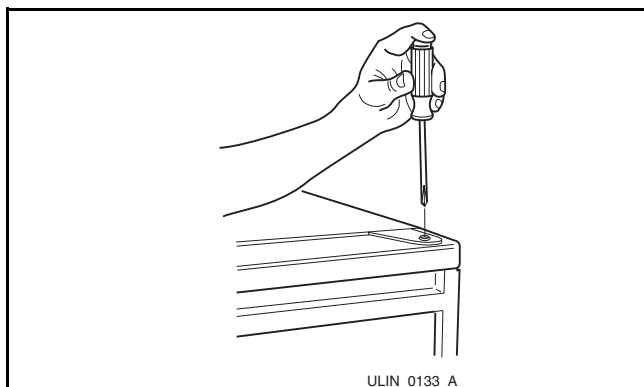


Figure 15. Top Hinge Mounting

2. Remove the top hinge pivot pin with a Phillips screwdriver (**Figure 15**) and lift door off bottom hinge pin. Be careful not to lose the door closer insert sets.
3. Turn the door upside down and inspect the hinge plate mounting holes.

Your plate has slotted mounting holes (**Figure 16**). Loosen but do not remove the two hinge plate screws.

4. If door edge opposite the hinges needs to move up, move plate toward outside of door. If door edge needs to move down, move plate toward inside of door

(**Figure 16**). Repeat until top edge of door is parallel with top of cabinet and tighten screws securely.

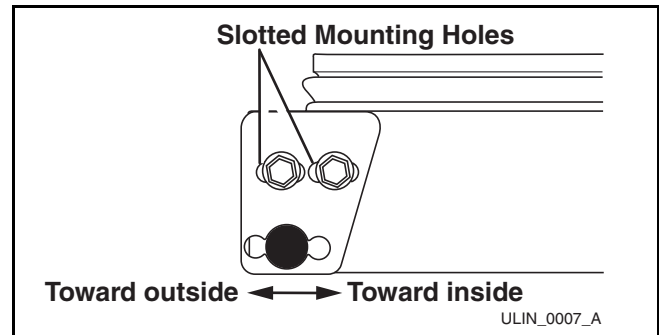


Figure 16. Door Hinge Plate Mounting Holes - Wine Captain and Beverage Center Models

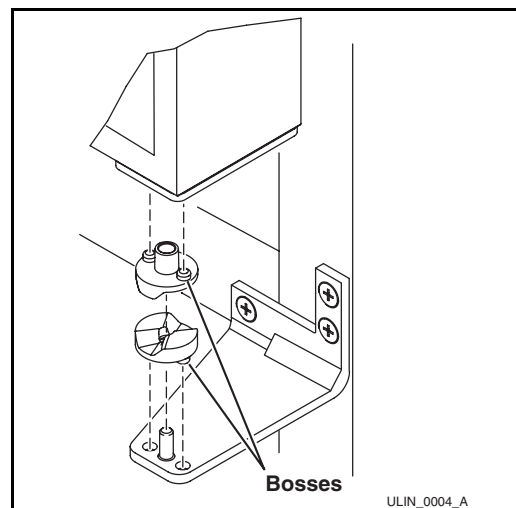


Figure 17. Bottom Hinge Door Closers

5. After adjustment is complete, remove the door closers from the bottom hinge, clean thoroughly and apply petroleum jelly to the mating surfaces of the closers. Be sure that bosses on closers (**Figure 17**) align with holes in the door and bottom cabinet hinge plates. Mount door and install top hinge pivot pin.

Light Bulb Replacement

To replace the light bulb in your U-Line unit:

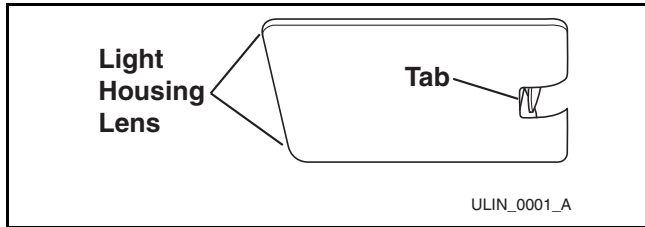


Figure 18. Light Housing Lens

1. Grasp the edges of the light housing lens opposite the exposed tab and gently push the lens toward the tab (**Figure 18**).
2. Pull the edge of the lens down and swing it out of the light housing.

IMPORTANT

ALWAYS use a genuine U-Line replacement bulb (Part No. 31317) in the light housing. Use of any other bulb within the housing will generate excessive heat, causing damage to the light housing and cabinet interior, and will compromise the precise temperature control of your unit.

3. Replace the bulb only with a genuine U-Line Part No. 31317 replacement.
4. Replace the lens by first inserting the tab side back into the housing at a slight angle. While gently pushing the lens towards the tab end, push the free end up into the housing, and release when you will hear a snap/click.

Wine Rack Removal/Installation

To remove a rack from the cabinet:

1. Grasp the end of the rack, and gently slide it out until it stops.
2. Remove any bottles stored on the rack.
3. Press the left rack release lever (**Figure 19**) down, and at the same time, lift the corresponding right rack release lever up, and pull the rack out until it is free of the tracks and the cabinet.

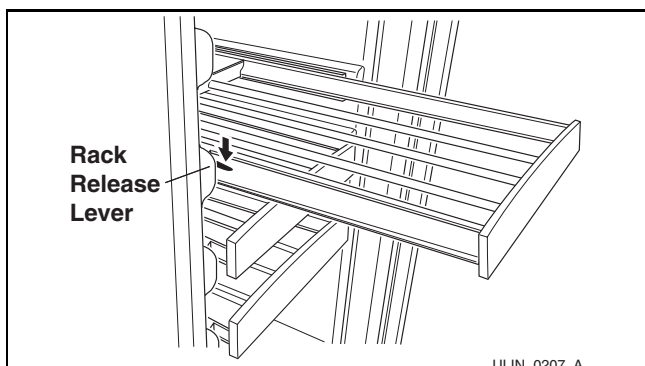


Figure 19. Rack Removal/Installation

IMPORTANT

Do not remove the track side rails from the cabinet.

To insert a rack in the cabinet:

1. Align the left and right rack channels with the tracks in the cabinet, and ensuring an even track engagement on both sides, gently push the rack into the cabinet until it stops.
2. Before reloading the rack, ensure proper operation of the travel stops in the left and right track rails by pulling the rack out gently until it completely stops.

12 WOOD TRIM FINISHING

Interior components of your U-Line unit are equipped with a natural wood trim for appearance and durability. Although this wood trim has been coated with a clear sealer at the factory, it is recommended that the trim be stained (if desired), and receive a final finish coating prior to the unit going into full-time service. To prevent permanent damage to the inner liner of your unit, the wood trim **MUST** be removed from the unit for staining and/or finishing. Allow stain/finish to dry thoroughly (at least 24 hours per coat) in accordance with the product manufacturer's instructions prior to reinstallation. Failure to do so may cause the inner liner of the unit to have a permanent odor, which is not covered by the warranty.

If staining the trim is desired, it must be done before the application of any type of final finish. Review the following staining/final finish and final finish-only guidelines when staining/ and or sealing the wood to ensure proper adhesion and durability of the finish.

Note: Glass in door is tinted. Stain may look darker when door is closed.

Staining and Final Finish Application

1. Remove all screws securing wood trim to interior components, and remove the trim from the cabinet interior.

IMPORTANT

DO NOT use oil-based stains on wood trim. Vapors from oil-based stains will permanently penetrate the liner and will not dissipate over time.

2. Apply Minwax® Water-Based Wood Stain to wood with a synthetic bristle brush or a foam applicator. Allow stain to penetrate approximately three minutes. Before the stain is dry, take a stain dampened rag and remove any excess stain remaining. Wipe in the direction of the grain with medium pressure to achieve the desired stain color.
3. After two hours, repeat step 2. This will even out the color of the wood.

4. Allow stain to dry for a minimum of three hours before applying the final finish.
5. If desired, sand the wood with very fine sandpaper to smooth the surface after the staining process.
6. Remove all dust from the wood, and apply one coat of Minwax® Polycrylic® Protective Finish using a synthetic bristle brush to the wood. This finish should be applied in a thin coat following the direction of the grain. Apply the finish to the back and sides of the wood first, and allow it to dry for two hours. Apply the finish to the front side of the wood next, and allow it to dry for two hours. Sand with very fine 220 grit sandpaper. Apply two additional coats of the finish in the same manner, but do not sand the trim after the final third coat is applied.
7. Allow the final coat to dry for 24 hours before reinstalling the trim to the cabinet interior components.

Final Finish-Only Application

1. Remove all screws securing wood trim to interior components, and remove the trim.
2. Lightly scuff sand the wood trim with 280 or finer grit sandpaper.
3. Remove sanding dust with a clean, dry cloth.
4. The factory-applied seal is compatible with virtually all finishes. A low odor, water clean up, quick-drying finish such as Minwax® Polycrylic® Protective Finish is recommended (Minwax® Polycrylic® is an ultra fast-drying water-based finish). Apply a thin coat of a clear, protective finish, following the container label directions.
5. Lightly sand and reapply if desired.
6. Allow the final coat to dry for 24 hours before reinstalling the trim to the cabinet interior component.

13 TROUBLESHOOTING GUIDE














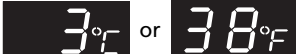







DANGER

ELECTROCUTION HAZARD

Never attempt to repair or perform maintenance on the unit until the main electrical power has been disconnected.

PROBLEM	POSSIBLE CAUSE	REMEDY
Unit does not operate and electronic display is blank.	No electrical supply	Plug unit in or check circuit breaker.
No interior light	Loose or burned out bulb	Tighten or replace bulb (See MAINTENANCE; LIGHT BULB REPLACEMENT).
Electronic display is blank and interior light is OFF with door OPEN.	Unit is in blackout lighting mode.	Exit blackout mode) (See OPERATION; INTERIOR LIGHT CONTROL).
Electronic display is blank and interior light is ON with door OPEN.	A display function has changed.	Touch and hold the left display warmer temperature button and touch and release the POWER button three times, then release the temperature button. The display should become visible.
Electronic display shows repeating, randomly flashing symbols and partial characters.	A factory control mode has been inadvertently entered.	Touch and hold the left display warmer temperature button and touch and release the LIGHT button three times, then release the temperature button to exit the factory control mode. The set-point temperature should now be displayed.
Electronic display shows: 0, 1 to 26, or 99.	A factory control mode has been inadvertently entered.	Repeatedly touch the left display warmer temperature button to advance any number shown to 99 and touch and release the LIGHT button. The set-point temperature should now be displayed.
Electronic display shows E3.	Door has been left open longer than 20 minutes.	Close door completely. The set-point temperature should now be displayed.
Electronic display shows one or more of the following: E1, E2, E4, E5, E6, E7, E8, E9, E10, P1.	The unit is displaying an error code.	Record the error code(s) displayed and call for service.
Unit not cold enough. Check temperatures (See OPERATION for approximate temperatures).	Control set too warm	Set control to a cooler setting (See OPERATION; ADJUSTING SET-POINT TEMPERATURE). Allow 24 hours for temperature to stabilize.
	Airflow to front grille blocked	Airflow must not be obstructed to front grille (See OPERATION; CONDENSER CLEANING).
	Dirty condenser coils	Clean condenser (See MAINTENANCE; CONDENSER CLEANING).
	Door gasket not sealing properly	Door adjustment required (See MAINTENANCE; DOOR ALIGNMENT CHECK AND ADJUSTMENT).
	Inaccurate temperature reading	Properly check temperature (See OPERATION; CHECKING PRODUCT TEMPERATURE).
Unit is too cold. Check temperatures (See OPERATION for approximate temperatures)	Control set too cold	Set control to a warmer setting (See OPERATION; ADJUSTING SET-POINT TEMPERATURE). Allow 24 hours for temperature to stabilize.
The unit frosts up.	High ambient temperatures or humidity	Defrost unit manually (See MAINTENANCE; DEFROSTING).
	Door gasket not sealing	Adjust door (See MAINTENANCE; DOOR ALIGNMENT CHECK AND ADJUSTMENT).

14 ELECTRONIC QUICK CONTROL GUIDE

Task	Touch	Touch	Display	Comment
Turn ON/OFF	 Hold 10 seconds	Release when unit beeps.		
Adjust Set-Point Temperature	 Touch and release desired zone warmer icon then  Touch and release the light icon	 or  Touch to change temperature		Zone range is displayed after first touch, set-point displayed after touching LIGHT icon. Set-point saved after 5 seconds of inactivity.
View Actual Temperature	 Hold 5 seconds for desired zone	Release when unit beeps.		After 5 seconds, display returns to set-point display.
Change °F-°C	 Hold	  		Repeat to switch back.
Blackout Mode	 Hold 10 seconds		Display (and cabinet light) not operable in Blackout Mode.	To cancel, repeat steps.
Cabinet Light	 Press and release			Light normally goes on/off with door opening. Pressing light button will turn interior light on for 4 hours, then it will turn off.
Display Off Mode	 Hold (left display)	  		Display off when door is closed (unless cabinet light is switched on). Repeat to switch back.

NOTE: 38°F is an example; the display will vary with actual set-point.

IMPORTANT

Factory recommended set-points are: 55°F top zone, 50°F bottom zone. Whenever a zone range is changed (example: RW to WW), it will revert to the factory default. To change the set-point for the new range, refer to ADJUSTING SET-POINT TEMPERATURE.

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U-Line Corporation Limited Warranty

U-Line Corporation warrants each U-Line product to be free from defects in materials and workmanship for a period of one year from the date of purchase; and warrants the sealed system (consisting of the compressor, the condenser, the evaporator, the hot gas bypass valve, the dryer and the connecting tubing) in each U-Line product to be free from defects in materials and workmanship for a period of five years from the date of purchase. During the initial one-year warranty period for all U-Line products U-Line shall: (1) at U-Lines option, repair any product or replace any part of a product that breaches this warranty; and (2) for all Marine, RV and Domestic U-Line products sold and serviced in the United States (including Alaska and Hawaii) and Canada, U-Line shall cover the labor costs incurred in connection with the replacement of any defective part. During years two through five of the warranty period for the sealed system, U-Line shall: (1) repair or replace any part of the sealed system that breaches this warranty; and (2) for all Marine, RV and Domestic U-Line products sold and serviced in the United States (including Alaska and Hawaii) and Canada, U-Line shall cover the labor costs incurred in connection with the replacement of any defective part of the sealed system. All other charges, including transportation charges for replacements under this warranty and labor costs not specifically covered by this warranty, shall be borne by you. This warranty is extended only to the original purchaser of the U-Line product. The Registration Card included with the product should be promptly completed by you and mailed back to U-Line or you can register on-line at www.U-LineService.com.

The following are excluded from this limited warranty: installation charges; damages caused by disasters or acts of God, such as fire, floods, wind and lightning; damages incurred or resulting from shipping, improper installation, unauthorized modification, or misuse/abuse of the product; customer education calls; food loss/spoilage; door and water level adjustments (except during the first 90 days from the date of purchase); defrosting the product; adjusting the controls; door reversal; or cleaning the condenser.

If a product defect is discovered during the applicable warranty period, you must promptly notify either the dealer from whom you purchased the product or U-Line at P.O. Box 245040, Milwaukee, Wisconsin 53224 or at 414-354-0300. In no event shall such notification be received later than 30 days after the expiration of the applicable warranty period. U-Line may require that defective parts be returned, at your expense, to U-Lines factory in Milwaukee, Wisconsin, for inspection. Any action by you for breach of warranty must be commenced within one year after the expiration of the applicable warranty period.

This limited warranty is in lieu of any other warranty, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose; provided however, that to the extent required by law, implied warranties are included but do not extend beyond the duration of the express warranty first set forth above. U-Lines sole liability and your exclusive remedy under this warranty is set forth in the initial paragraph above. U-Line shall have no liability whatsoever for any incidental, consequential or special damages arising from the sale, use or installation of the product or from any other cause whatsoever, whether based on warranty (express or implied) or otherwise based on contract, tort or any other theory of liability.

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



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OnlineParts@u-line.com

Échelon Series

For more than four decades, U-Line has distinguished itself as the leader in built-in under-counter ice making, refrigeration and wine storage appliances.

An INSTALLATION MANUAL for your unit, providing complete installation information, is available for download at www.U-Line.com. Information for custom panel inserts per model, including panel size, and instructions are available by visiting www.U-Line.com.

When you need replacement parts, always request genuine U-Line replacements be used. Visit www.U-Line.com to locate a parts distributor in your area.

Échelon Series / Origins Series

U-Line Corporation, located in Milwaukee, WI, is a family operated manufacturer of built-in undercounter ice makers, Combo® ice maker/refrigerators, Wine Captain® wine storage units, refrigerators, refrigerated drawers and refrigerator/freezers.