

QUICK START GUIDE



DISPENSERS • DE224D (115v) • 2 Tap Beer

QUICK START GUIDE

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

PRODUCT INFORMATION

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

PROPERTY DAMAGE / INJURY CONCERNS

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

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

GENERAL INQUIRIES

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

SERVICE & PARTS ASSISTANCE

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

CONNECT WITH US



Designed, engineered and assembled in WI, USA

QUICK START GUIDE

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

CONTENTS

Safety and Warning	4
Environmental Requirements	5
Electrical	5
Door Swing	5
Door Adjustments	6
General Installation	8
Control Operation	15
First Use	15
Airflow & Product loading	16
Cleaning	186
Warranty	20

For more details, see the complete User Guide & Service Manual on u-line.com.

QUICK START GUIDE

Safety and Warning

NOTICE

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

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

SAFETY ALERT DEFINITIONS

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



Danger 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.



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



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



CALIFORNIA PROPOSITION 65

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

www.P65warnings.CA.gov



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



This equipment is intended for the storage and display of packaged products only.

If this refrigerator has a glass door, it is a display refrigerator. Please see caution statement below:



This display refrigerator is not for the display of potentially hazardous foods.

QUICK START GUIDE

Environmental Requirements

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

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

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

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



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

Electrical

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

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

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

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

Always keep your working area dry.

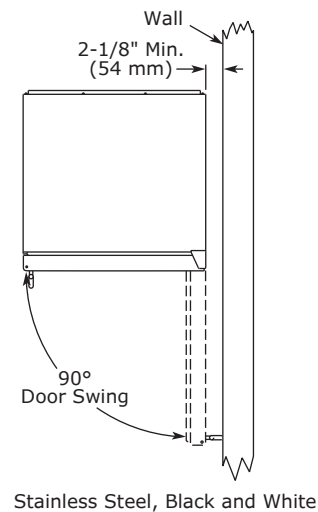
NOTICE

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

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

See CUTOUT & PRODUCT DIMENSIONS for recommended receptacle location.

Door Swing



Units have a zero clearance for the door to open 90°, when installed adjacent to cabinets.

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

QUICK START GUIDE

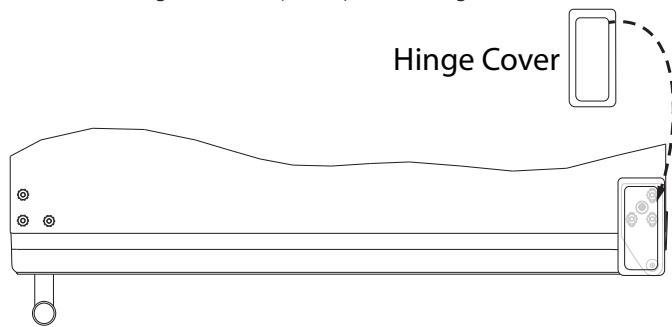
Door Adjustments

HINGE COVER

Hinge cover included with the literature bag is optional.

To install hinge cover:

1. Press hinge cover squarely over hinge.



DOOR ALIGNMENT AND ADJUSTMENT

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

NOTICE

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

To align and adjust the door:

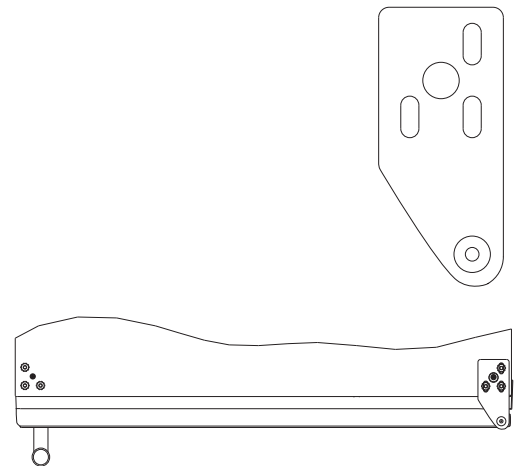
1. Gently pry off hinge cover from top of unit.
2. Loosen (do not remove) top and bottom hinge screws using a Philips screwdriver on the top and a 1/4" socket on the bottom.
3. Align door squarely with cabinet.
4. Make sure gasket is firmly in contact with cabinet all the way around the door (no gaps).
5. Tighten bottom hinge screws.
6. Tighten top hinge screws and replace hinge cover.

REVERSING THE DOOR

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

The hinge hardware will be removed and reinstalled on the opposite side of the cabinet.

TO REVERSE THE DOOR

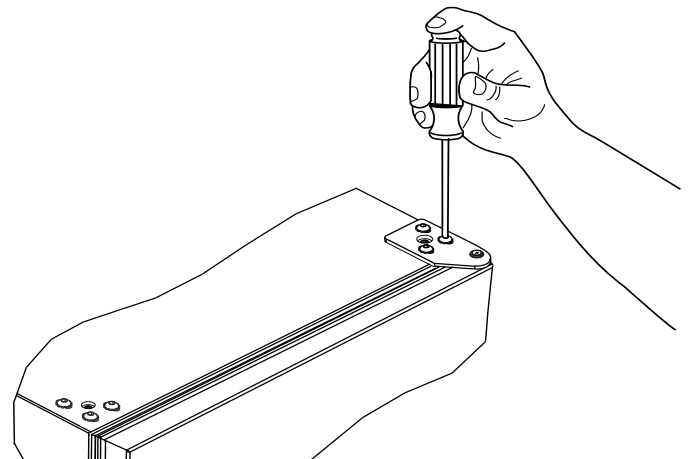


Remove grille:

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

Remove top hinge and door:

1. Remove hinge cover from top of unit
2. Hold door to keep it from falling.
3. Remove top hinge from cabinet using a Philips screwdriver to remove three screws.

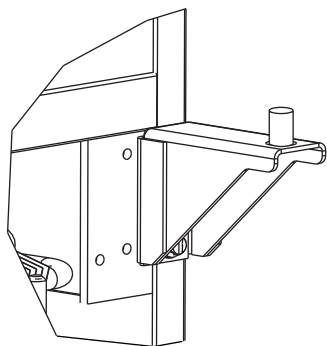


QUICK START GUIDE

1. Remove door by tilting forward and lifting door off bottom hinge. Retain shoulder washers; they will be reused.
2. Use a Philips screwdriver to remove hinge pin and reinstall on the opposite surface of the hinge.
3. Remove three screws from hinge holes on the opposite side. Reinstall into holes where the hinge was removed. Take care not to scratch cabinet.

Remove bottom hinge:

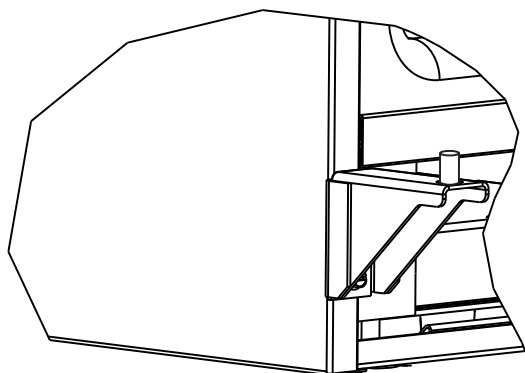
1. Remove bottom hinge from cabinet using a 1/4" socket.



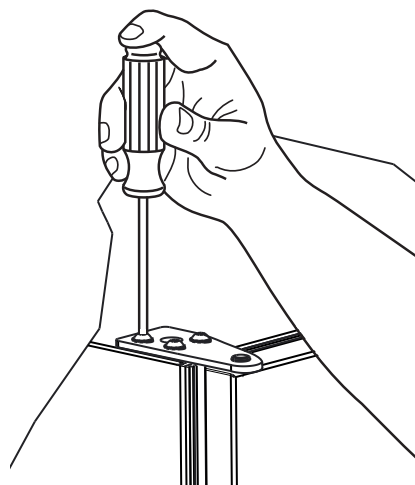
2. Remove corresponding screws on opposite side of cabinet. On some models there may be a nut behind one or both screws on either side.

Install bottom hinge:

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



Install top hinge and door:



1. Rotate door 180° and lift the door on to the bottom hinge.
2. Install hinge that was used on the opposite side of the unit.
3. Align edge of the hinge with the outer edge of the unit while inserting hinge pin into top of door.
4. Tighten three screws and replace hinge cover.

Align and adjust the door:

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

Install grille

QUICK START GUIDE

General Installation

U-Line Double Tap Kits are designed to work with the U-Line keg refrigerator model CDE215D. Tap kits can be installed directly on top of the keg refrigerator in a free-standing application or through a countertop in a built-in application.

MAXIMUM CAPACITY (tanks and kegs not included)

- UP to three 1/6 slim kegs - 2 connected, 1 stored and one 5-pound/22 cubic feet CO2 tank.
- Up to two 1/4 slim kegs and one 5-pound/22 cubic feet CO2 tank.
- One 1/2 barrel and one 5-pound/22 cubic feet CO2 tank.



1/6 Slim Barrel

Sixth Slim
5 Gallons
53 - 12 oz. cups
9.25" x 23.5"

Kit includes:

1. Tower (includes faucets, handles, gasket, wrench, hardware, & clamps)
2. Drip tray



Safety and Warning



CO₂ can be dangerous. Handle with care.

Never exceed 60 PSI.

Most draft beers are dispensed between 8-14 PSI and most stouts are dispensed at 30-14 PSI. Pressures above 50 PSI will release the built-in pressure relief.

Always connect CO₂ tank to regulator. Never connect the tank directly to a keg.

Ventilate area after CO₂ leak:

If it becomes difficult to breathe and your head starts to ache, high levels of CO₂ may be present. LEAVE THE ROOM IMMEDIATELY.

Safety and Warning



Keep CO₂ tank in an upright position. The regulator may break if the tank falls.

Secure the CO₂ tank.

QUICK START GUIDE

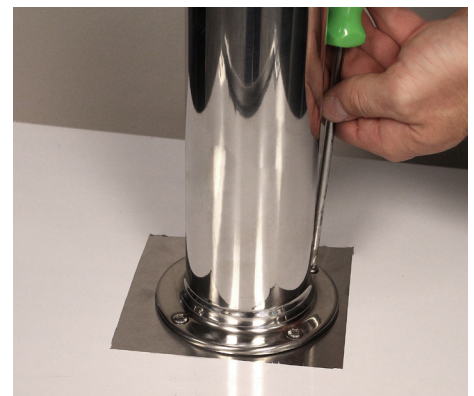
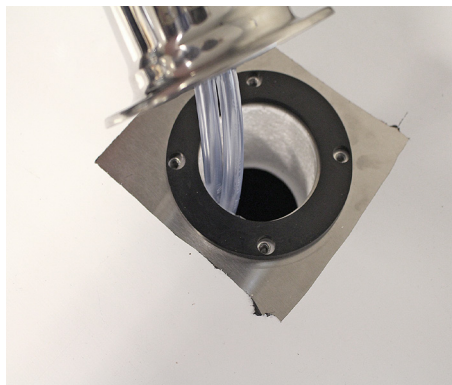
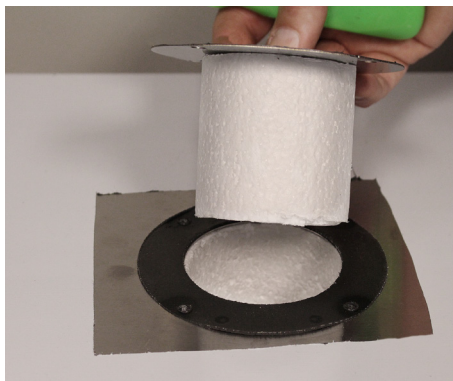
Install Tower on Keg Refrigerator

Do not remove the protective film on the stainless exterior until the tower is installed.

1. Remove four screws and lift off cap plug and gasket to reveal mounting hole on top of refrigerator.

Note: Save gasket and cap plug for conversion back to a standard refrigerator.

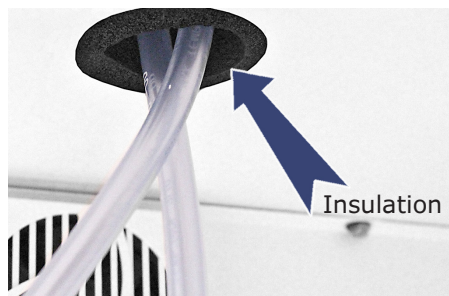
2. Insert tap assembly tubing through the provided gasket and then all the way into the refrigerator.
3. Insert and tighten four screws to secure tower to keg refrigerator.
4. Install faucets onto the tower: Line up teeth on the outside of the faucets with the teeth inside the shank
5. Screw the coupling nuts onto the faucets and tighten with the faucet wrench.
6. Screw the handles onto the faucets.



Install Tower on Countertop (see template at the end of this section)

1. Use template to drill four mounting holes.
2. Drill 2- $\frac{3}{4}$ " diameter hole through countertop.
3. Remove four Phillips screws (secured with nuts on the inside of the refrigerator) and lift off cap to reveal tower mounting hole.
4. Slide keg refrigerator into place.
5. Position gasket over mounting hole.
6. Insert tubing into 2- $\frac{3}{4}$ " hole.
7. Secure tower to countertop using four Phillips screws and nuts.

8. Continue with CO2 and beverage connections.



Technical drawing of the rear view of the enclosure. The drawing shows the rear wall, power cord, and various dimensions. Key dimensions include:

- Rear Wall: 24" (610 mm)
- Power Cord: 2 (51 mm)
- Hole Diameter: 2 1/4" (70 mm)
- Dimensions from the front face to the hole center: 11 13/16" (300 mm), 11 1/4" (283 mm), 12 1/2" (318 mm), and 24 1/4" (613 mm).
- Dimensions from the front face to the bottom edge: 1 7/8" (43 mm).

Diagram B

Front edge of drilled hole to front face of unit
11-1/8" (283 mm)

Counter

Insulation

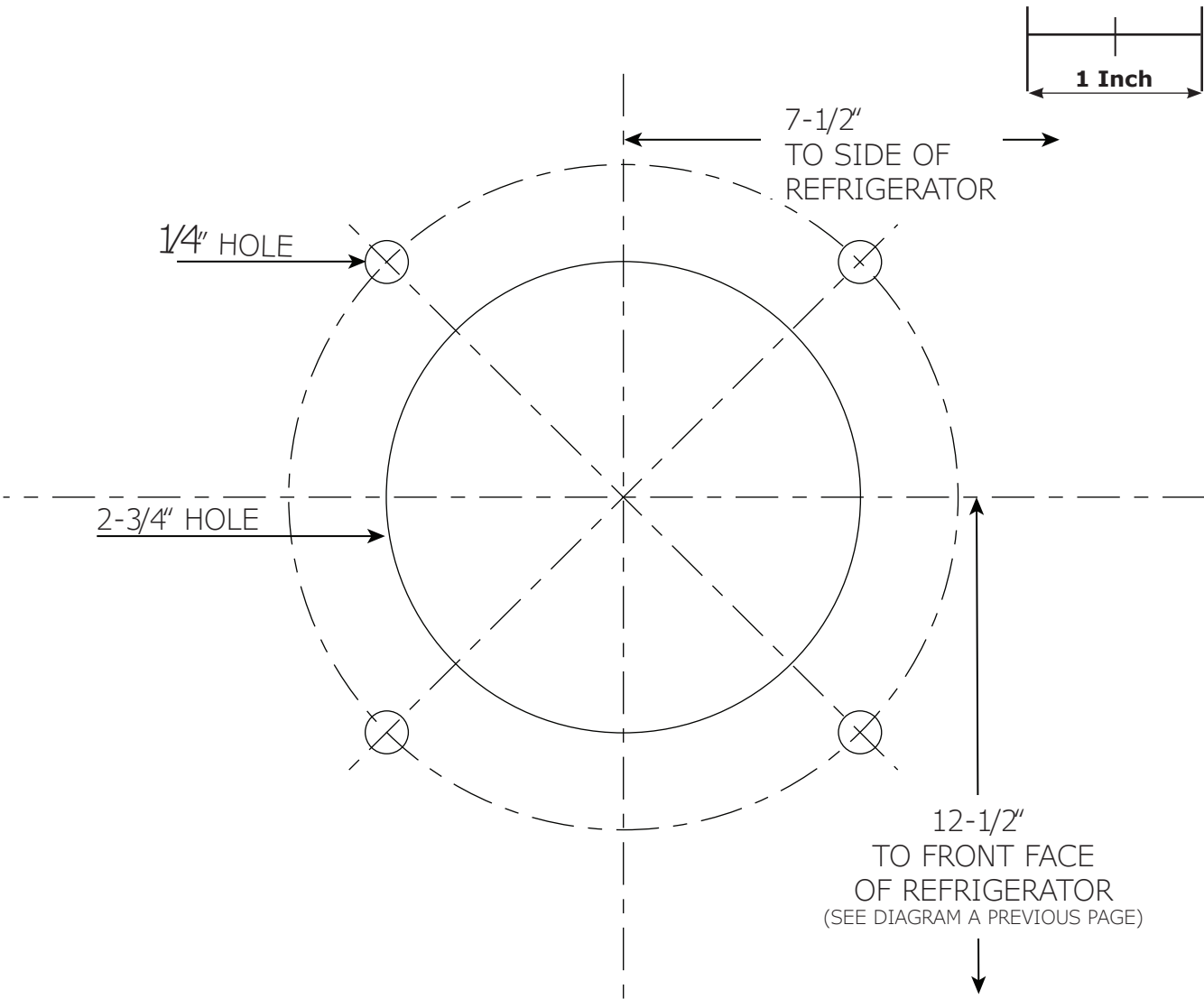
Beverage Tube

Rear Wall

QUICK START GUIDE

Template for Countertop Installation

Note: Verify template has printed true to scale - double check hole dimensions and placement.

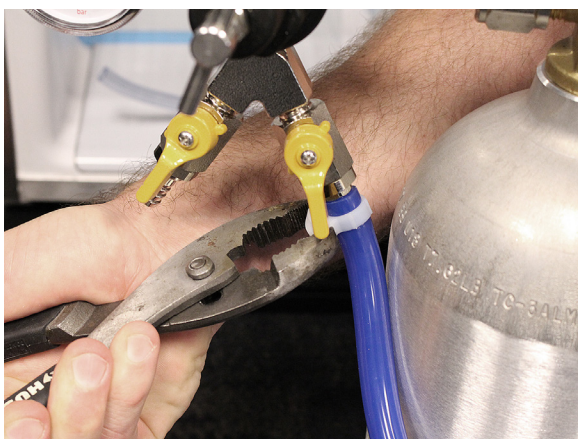


QUICK START GUIDE

CO₂ Connection

NOTE: Regulator and CO₂ tank not included

1. Attach regulator to CO₂ tank. Hand tighten the coupling nut and then use an adjustable wrench for an additional quarter turn. DO NOT OVER TIGHTEN
2. Attach 5/16" CO₂ tubing to regulator nipple and clamp into place. If necessary, make the tubing more pliable by heating the end in boiling water.
3. Attach and clamp CO₂ tubing to tap couplers.



QUICK START GUIDE

Beverage Connection

NOTE: Couplers not included

1. Attach and clamp beverage tubing to tap couplers.
2. Attach tap couplers to kegs. Locate notch and rotate clockwise $1\frac{1}{4}$ turn.
3. Press down and rotate clockwise an additional $1\frac{1}{4}$ turn.
4. Open valve on CO2 tank and adjust regulator to desired pressure by turning the handle clockwise.



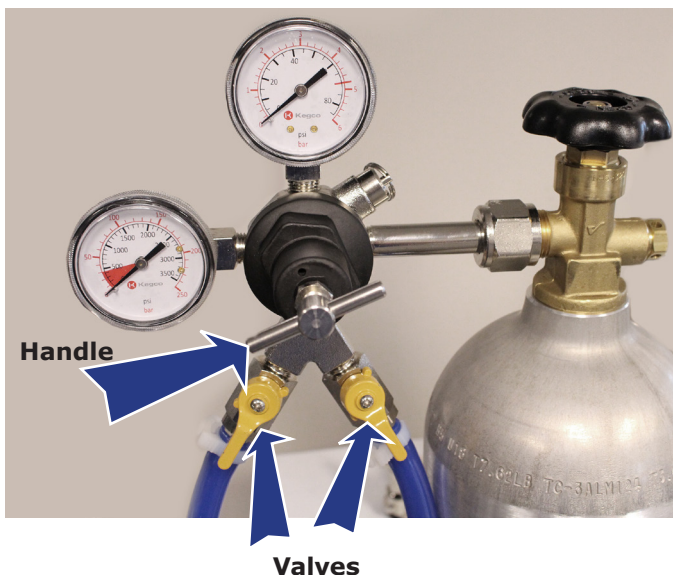
QUICK START GUIDE

Setting CO₂ Pressure

To minimize foam for most beverages the pressure should be set between 8-12 PSI.

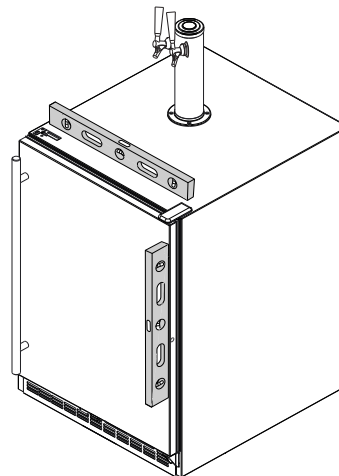
- Set the pressure by turning the handle on the front of the regulator counterclockwise until it is all the way out. This will turn the regulator off.
- Turn the valve on the bottom of the regulator to the side to ensure no CO₂ will pass through the regulator.
- Pull the pin on the side of the coupler to release built up pressure from the keg. Open the faucet. Nothing should come out initially as there is no pressure to the keg.
- Place a container under the faucet and open the valve on the bottom of the regulator.
- Turn the handle clockwise with the faucet open and your beverage will start to pour. Stop turning when you get the best flow rate. This method should prevent your regulator from creeping.

If you are dispensing at altitude, you will need to increase your output pressure by one pound for every 2,000 feet of elevation above sea level.



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

⚠ CAUTION

To comply with applicable federal, state, and local codes, it may be necessary to caulk the refrigerator to the floor.

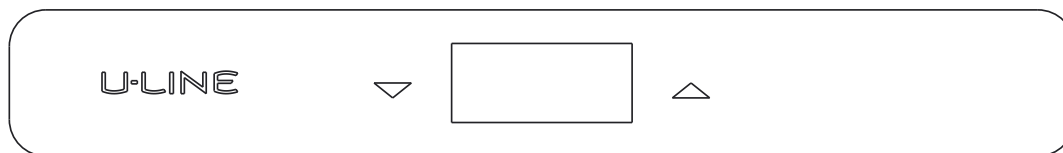
CASTERS (optional)

1. Remove grille and back panel to access nuts.
2. Remove each nut and unscrew each leg.
3. Install each caster and secure with nut. Tighten with included wrench.
4. Replace grille and back panel.

When ready to use, see FIRST USE section in this manual.

QUICK START GUIDE

Control Operation



CONTROL FUNCTION GUIDE

FUNCTION	COMMAND	NOTES
ON/OFF	Press ▼ and hold for 5 seconds	Unit will turn On or OFF
Adjust Temperature	Press ▲ or ▼ and release	When the display is flashing, press ▲ or ▼ to adjust the set point temperature.
Toggle between °F / °C	Hold ▲ and ▼ for 5 seconds	The display will change units

First Use

Initial startup requires no adjustments. If the unit was turned off, press and hold ▼ for 5 seconds to turn unit on. See "Control Operation" section for more details.

NOTICE

Temperature displayed reflects actual temperature inside unit.

If the temperature displayed is different than selected, the unit is progressing towards the selected temperature. Time to reach set point varies based upon ambient temperature, temperature of product loaded, door openings, etc. U-Line recommends allowing the unit to reach set points before loading.

To dispense cold coffee, make sure the components are assembled according to the instructions in GENERAL INSTALLATION.

QUICK START GUIDE

Airflow and Product Loadin

AIRFLOW

External

- Do not block the front grille - no additional clearance around sides, top or rear of unit is needed for ventilation
- Do not install behind a closed door

Internal

- When loading, leave space between internal fans, vents, and side walls to allow air to circulate freely

NOTICE

Restricting airflow may result in poor product performance, product failure, and uneven internal temperatures and may freeze contents.

Cleaning

CLEANING VS. SANITIZING

This guide will address both the cleaning and the sanitizing of the unit.

Clean the unit to remove dried food and spills, to prevent build-up of grime, and to maintain the natural luster stainless steel surfaces.

Sanitize the unit when exposed to raw meat juice or human germs such as from a sneeze or being touched by someone who is ill. Sanitizing the unit can also be part of regular cleaning routine.

Stainless Surfaces

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.

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 Clai e® 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.

CLEAN INTERIOR COMPONENTS

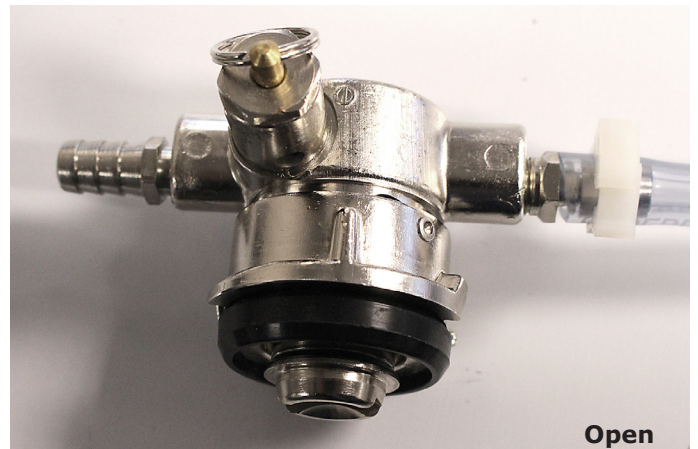
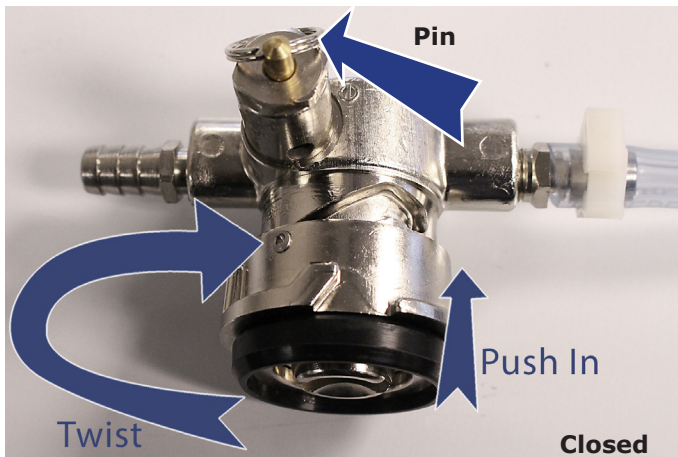
Use warm or hot water with dish soap to clean all removed components and interior surfaces. You may use a vinegar and water solution in place of soap. Proceed to sanitizing.

QUICK START GUIDE

Beverage Line and Faucet Cleaning

Clean the system using a suitable solution designed for beer-dispensing systems. Beer cleaning kits are also available. Solution and/or kit not included.

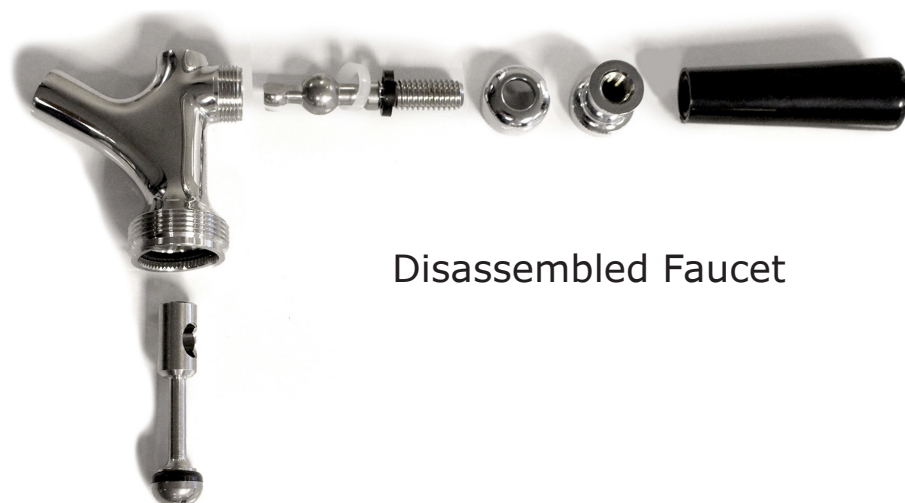
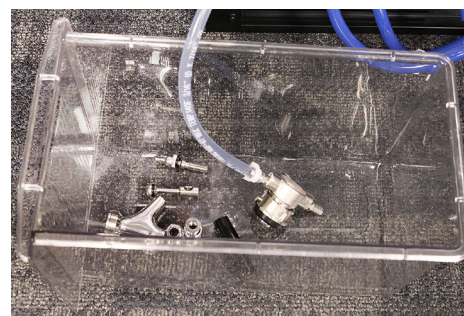
1. Close CO₂ tank.
2. Pull pin on coupler to release pressure from keg.
3. Remove tap coupler from keg.
4. Remove CO₂ line from tap coupler.
5. Open tap coupler to allow cleaning solution to flow through it
 - Push base of coupler inward and rotate clockwise.
6. Open cleaning pump.
7. Empty one packet of cleaner into plastic jar and fill with cool water .
8. Reassemble pump.



**Continued on
next page**

QUICK START GUIDE

9. Remove faucet from tower with supplied faucet wrench. Disassemble, and place all the parts in drainage bucket.
10. Add washer and attach cleaning pump connector to tower. Tighten with faucet wrench.
11. Pump all the solution through the beverage line.
12. Allow tap coupler and faucet to soak in drainage bucket and then use faucet brush to clean faucet.
13. Rinse out and refill plastic jar with clean water . Pump all the water through the beverage line to rinse.
14. Rinse all disassembled parts with clean water.
15. Reassemble faucet and reconnect CO₂ and beverage lines.



Disassembled Faucet

QUICK START GUIDE

DEFROSTING

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

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

Ensure the door is closing and sealing properly.

High ambient temperature and excessive humidity can also produce frost.



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

NOTICE

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

To defrost:

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

U-Line Corporation (U-Line) Limited Warranty

One Year Limited Warranty

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

Two Year Limited Warranty (5 Class Product)

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

Available Second & Third Year Limited Warranty

In addition to the standard one and two year warranties outlined above, U-Line offers a one year extension of the warranties from the date of purchase, free of charge. To take advantage of this extension, you must register your product with U-Line within 60 days from the date of purchase at u-line.com and provide proof of purchase. Nugget Ice Machine proof of purchase must include the purchase of an in-line water filter and filter head to qualify for this additional limited warranty.

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. 55th Street, Milwaukee, WI 53223 • u-line.com • onlineservice@u-line.com • +1.414.354.0300