IMPORTANT INFORMATION

To register your product, visit our web site at (www.perlick.com). Click on “Commercial”, then “Service”. You will see the link to “Warranty Registration Form”. You must complete and submit this form or the installation date will revert back to the ship Date.

This manual has been prepared to assist you in the installation of your Cabinet and to acquaint you with its operation and maintenance.

We dedicate considerable time to ensure that our products provide the highest level of customer satisfaction. If service is required, your dealer can provide you with a list of qualified service agents. For your own protection, never return merchandise for credit without our approval.

We thank you for selecting a Perlick product and assure you of our continuing interest in your satisfaction.

PERLICK COMMERCIAL WARRANTY: This Commercial Refrigerator comes with a five-year compressor warranty and a one-year parts and labor warranty (with the option to purchase a second year).

WARNING: When lifting, the full weight of the cabinet must be supported. Lift from the cabinet base and not from the top. Improper lifting can result in severe damage to the cabinet.

Table of Contents

Introduction................................................................. 1

Preparing the cabinet for use
General Precautions.................................................. 2
Installation Notes ......................................................... 2
Dimensions Diagram ................................................... 3
Preparing the Space ..................................................... 4
Preparing Electrical Connections ................................. 4
Unpacking/Moving the Unit .......................................... 5
Anti-tip Bracket Information ......................................... 5

Installation
Installation Instructions .................................................. 6
Shelving ........................................................................... 8
Door Panel Options ...................................................... 8
Door Lock Installation .................................................. 9

Operation ........................................................................ 10
Maintenance ..................................................................... 11
Troubleshooting ................................................................ 12

Form No. Z2325
Rev 12.09.2014

MODEL: HD24 SERIES
GENERAL PRECAUTIONS

DANGER
1. Risk of child entrapment. Before you throw away your old unit, take off the doors and leave shelves in place so children may not easily climb inside.
2. Altering or cutting of the power cord, or removal of the power plug, or direct wiring can cause serious injury, fire and/or loss of property and/or life and will void the warranty.

WARNING
1. Never attempt to repair or perform maintenance on the unit until the electricity has been disconnected.
2. The anti-tip kit must be installed on this unit before it is used. Never use the shelves or doors as steps or to support more than they are designed to support.

CAUTION
1. Do not lift unit by shelves or door handle.
2. Failure to clean the condenser every three months can cause the unit to malfunction. This could void the warranty.
3. Never install the unit behind closed doors (ie; closets, small pantries, etc). Be sure front louvered toe plate is free of obstruction. Obstructing free air flow can cause unit to malfunction and may void the warranty.
4. Use only Perlick replacement parts. Use of non-Perlick parts can damage the unit, and may void the warranty.

INSTALLATION INSTRUCTIONS

GENERAL
1. All electrical instructions assume that outlet is located 4-10 inches from the floor.
2. Floor must be level in area of installation. Leg levelers are used for fine-tune adjustment only and should not be used to compensate for floor differences exceeding 1/2”.
3. Install the anti-tip kit on the unit (see page 5 or 7.)
4. When moving unit into position, take care to protect floor surface with cardboard, rugs, etc (see page 4).
5. Never attempt to move unit without aid of at least one other person.
6. Always secure doors shut prior to moving the unit.

MINIMUM FINISHED ROUGH OPENING REQUIREMENTS
1. Height: 32-1/8”
2. Depth: 18-1/4”
3. Width: 24”
Figure 1. Dimensions

- Leg levelers can add 3/4" to these dimensions when fully extended.

- Value may change due to custom pull with a wood overlay door.
PREPARING THE SPACE

Make sure the installation opening is properly prepared. Refer to Figure 1 (page 3) for space dimensions.

CAUTION

If unit is to be installed under a countertop, it is recommended that the countertop be supported by a structure other than the unit itself, to prevent damage to the countertop.

IMPORTANT: For a cabinet door to operate properly, the door must be open a minimum of 94° (see Figure 1). Use a minimum 3-3/32" filler in corner installations to ensure a 94° opening. Allow enough clearance in front of the unit for full door swing or shelf pull-out.

IMPORTANT: Make sure floor under unit is level with the surrounding finished floor. Protect finished floor with plywood, rug, cardboard or some other suitable material before moving the unit into place. Failure to do this may result in damage to the floor.

PREPARING ELECTRICAL CONNECTIONS

A 115 volt, 60Hz, 15 amp circuit breaker and electrical supply are required. A separate circuit is recommended.

Follow the National Electrical Code along with local codes and ordinances when installing the receptacle.

All Perlick units come equipped with a NEMA 5-15P, 90° plug with a 5’ cord (minimum) extending beyond the rear of the unit. The electrical outlet must be flush with, or recessed into, the back wall or located where the recess is on the back of the cabinet (Figure 2).

DANGER

ELECTROCUTION HAZARD!

Electrical grounding required. This appliance is equipped with a 3-prong (grounding) polarized plug for protection against possible shock hazards.

1. Never remove the round grounding prong from the plug.
2. Never use a 2-prong grounding adapter.
3. Never use an extension cord to connect power to the unit.

If a 2-prong wall receptacle is encountered, or a longer power cord is required, contact a qualified electrician to install the proper 3-prong receptacle in accordance with applicable electrical codes.

DANGER

Failure to comply with the above electrical guidelines may result in possible injury/death/fire or loss of property.
UNPACKING AND MOVING THE UNIT

CAUTION

Do not cut cardboard sleeve covering the unit. Cutting may result in damage to the exterior of the unit.

1. Uncrate the unit on a flat level surface. Remove the cardboard sleeve by removing the banding holding the sleeve to the shipping base. Carefully lift the cardboard sleeve up over the top of the cabinet.

2. Carefully lift unit off base onto a hand truck or dolly (this should be done with a minimum of two people, larger cabinets may require additional helpers). Make sure unit it is balanced on transporting device. Secure unit to transporting device using soft flexible strapping. Protect cabinet surfaces with cloth material where strapping contacts the unit.

3. Before moving unit, secure door to unit with tape to hold the door closed.

ANTI-TIP BRACKETS

WARNING

Unit may tip forward if loaded racks/shelves are all pulled out at the same time. To prevent tipping and provide a stable installation, the unit must be secured in place with the anti-tip brackets provided with the unit.

A set of metal anti-tip brackets are supplied with the unit. The anti-tip brackets, when properly installed, should secure the rear legs and prevent the unit from tipping forward. Select fasteners based on the material the brackets will be fastened to.

Some installation sites may require modification to provide a secure surface for attaching the brackets. Refer to Figure 3 for mounting bracket locations.

IMPORTANT: If installing on a concrete floor, concrete fasteners are required and are not included in the Anti-Tip Kit.

![Figure 3. Installing Anti-tip Brackets](image-url)
**INSTALLATION**

**CAUTION**
Finished flooring should be protected with appropriate material to avoid damage from moving the unit.

If unit is built into cabinetry, allow clearance for unit to be removed from opening for potential service requirements.

If unit has been laid on its back or sides, place unit upright and allow minimum of 24 hours before connecting power.

1. Plug the unit into the 15 amp grounded outlet located in the installation opening. With power applied to the unit, check that lighting and cooling function operate properly, then turn off power to the wall outlet at the circuit breaker.

**WARNING**
Shut off power to the wall outlet before installing unit into the opening.

2. Check that the following are level and square:
   - front face and interior opening
   - installation opening and floor surface
   - countertop bottom front edge

**IMPORTANT:** The floor under the unit must be at the same level as the surrounding finished floor.

3. If all surfaces are level, refer to Figure 3 and perform the following:

   A. Measure from the floor to the bottom of the front edge of the countertop.
   B. Measure the rear of unit cabinet from floor to top of cabinet, at back corners.
   C. Adjust rear legs so B measurement equals A measurement. Using an adjustable wrench or pliers, turn legs counterclockwise to raise the unit or clockwise to lower the unit.

**IMPORTANT:** Leveling legs should not extend more than 3/4" from bottom of unit.

4. Slide unit into position. Make sure the rear levelling legs slide under the anti-tip brackets. Push the unit into the opening until the door is flush with the surrounding cabinetry, or until the rear legs are tight against the anti-tip brackets.

**IMPORTANT:** The rear levelling legs must be engaged under the anti-tip brackets.

5. Shim the front of the unit so the front door is flush with the surrounding cabinetry. Adjust the front legs to support the countertop at the shimmed height. Using an adjustable wrench or pliers, turn legs counterclockwise to raise the unit or clockwise to lower the unit. Countertop should be resting on top of the unit.

**IMPORTANT:** The rear levelling legs must be engaged under the anti-tip brackets.

**CAUTION**
The prevent damage to the countertop and unit underneath, do not place heavy objects on countertop directly above the unit.

6. Check interior door openings inside unit to ensure unit is level.
Figure 4. Wall Bracket

**SCREW TO FLOOR 31-3/8"**

**BRACKET TO FLOOR 29-13/16"**

**LEG LEVELERS CAN ADD 3/4" TO THESE DIMENSIONS WHEN FULLY EXTENDED.**

**LOCK BRACKET, PART #67302-1**

**SPACER, PART # 67314-1**

**SCREW, PART # M50050-189**

STEP 1: LEVEL CABINET ON FLOOR.
STEP 2: DRILL 9/64" HOLES USING HOLES IN OUTER WRAPPER AS A GUIDE. ATTACH SCREWS AND SPACERS TO BACK OF CABINET.
STEP 3: HOLD WALL BRACKETS IN POSITION AGAINST CABINET AND ON TOP OF SPACER.
STEP 4: PUSH CABINET INTO POSITION.
STEP 5: WITH WALL BRACKET IN LOWEST POSITION MARK TOP 2 HOLES LOCATION.
STEP 6: PULL CABINET AWAY FROM WALL.
STEP 7: MARK DRILLING LOCATION 1/4" ABOVE MARKS FROM STEP 5.
STEP 8: MOUNT WALL BRACKET SECURELY TO THE WALL.
STEP 9: PUSH CABINET BACK INTO POSITION AND INSTALL LOCK BRACKET BETWEEN THE HEAD OF THE SCREW AND THE WALL BRACKET.
SHELVING

IMPORTANT: To achieve maximum performance, interior louver openings and fan guard should never be obstructed.

Refrigerator
The single door unit comes standard with black vinyl coated adjustable full extension pullout shelves.

Wine Reserve
The single door unit comes standard with four full extension black vinyl coated wine racks capable of storing 20 standard wine bottles. Shelves are removable and/or adjustable. At the bottom, up to 2 1.5L bottles can be stored.

ADJUSTING FULL EXTENSION SHELVING
1. Pull the shelf out to its farthest position. Locate the tabs in the middle of both extends (Figure 5). Press tabs and pull shelf out.
2. Reposition each bracket separately. Grasp the middle of the bracket, pull the front end up and out, then forward to remove (Figure 5).
3. Place bracket at the desired position. Push the rear hook into the rear key slot. Set front of bracket on the wall hook.
4. Repeat for other bracket(s).
5. Push extenders completely into the unit. Align the shelf grooves with the extenders and slide completely into the unit.

DOOR PANEL OPTIONS
Perlick units offer a variety of door panel design alternatives; solid stainless steel, stainless steel glass, black vinyl (glass or solid door) or laminate.

Solid stainless steel and stainless steel glass doors are shipped from the factory with decorative stainless steel panels and handles in place on the appliance. If optional door lock is ordered, the unit comes pre-assembled from the factory. Laminate is also available in a variety of colors and patterns, and is installed at the factory.

If ordered with the optional door lock, see Figure 6. Door Lock Installation on page 9.

IMPORTANT: Glass doors may sweat in conditions with relative humidity over 75%.
1. Attach bracket to wood overlay
2. Insert lock body
3. Add and tighten nut
4. Add lock strike
5. Add lock washer and screw
6. Use key to turn the lock and verify that the lock and unlock positions of the strike are correct (unlock should be up) (lock should be horizontal)
7. Adjust lock if necessary
8. Attached overlay with lock assembly to the door assembly
9. Attach lock bracket to unit
OPERATION

General
The unit is equipped with a state-of-the-art refrigeration system and is a frost-free model. The evaporator coil automatically defrosts on demand during off cycle.

Interior Light
The unit is equipped with an interior light that illuminates when the door is opened. A manual switch is located next to light for displaying the product through a glass door. Always ensure the manual switch is in the off position before closing a solid door. If manual switch is left on for an extended period of time, it may increase the cabinet temperature, especially at the top, and cause the refrigeration system to run longer.

Loading Product
IMPORTANT: When loading items into unit, do not block internal louvers and fan guard openings or performance will be decreased.

Temperature Control
The controller is located at the top rear panel of the cabinet (Figure 7). Approximate temperature operating ranges are:

- Refrigerator: 33°F minimum, 39°F maximum
- Wine Reserve: 40°F minimum, 65°F maximum

Adjusting the Temperature
- Colder Temperature: Turn the adjusting screw clockwise (to the right)
- Warmer Temperatures: Turn the adjusting screw counterclockwise (to the left)
- Temperature Control “OFF”: Turn the adjusting screw completely counterclockwise to the “OFF” position until a click is heard.

The condenser fan and motor turns off and on with the compressor.

Figure 7. Control Panel
Checking Product Temperature
To accurately check the temperature of the product stored in a refrigerated compartment, insert an accurate thermometer into a sealable plastic (non-breakable) bottle, partially filled with water. Tighten the cap securely.

Place the bottle into the desired area for 24 hours. Refrain from opening the unit during testing period. After 24 hours, check the temperature of the water. Adjust the control settings if necessary and re-test.

The units are pre-set to achieve the recommended temperature range when installed in a 70°F ambient environment. Factors which affect the internal temperatures of the cabinet include the following:

- Temperature setting
- Room temperature where installed
- Number of times the door is opened and closed
- Length of time door is left opened
- Adjacent compartment temperature
- Style of door installed
- Door gasket and sealing
- Amount of time internal light is illuminated
- Installation in direct sunlight or near a heat source.

MAINTENANCE

WARNING
Shut off the electricity to the unit before cleaning the condenser and other routine maintenance.

Cleaning
To clean stainless steel exterior or interior surfaces, use a soft, non-abrasive stainless steel cleaner to wipe down the surfaces.

Glass doors can be cleaned using any standard glass cleaner available on the market.

To clean interior non-metallic surfaces and removable parts, wash with a mild solution of soap and lukewarm water with a little baking soda. Rinse and dry thoroughly. Avoid getting water on lights, control panel, and fan motor.

CAUTION
Do not use abrasive cleaners or cloths on any of the interior or exterior surfaces or removable parts.

Cleaning the Condenser
The condenser should be cleaned every three months. The condenser is located behind the toe plate. Remove the toe plate and use a soft bristle brush and vacuum to remove dust and lint. Avoid damaging or crushing the condenser fins or tubing. Upon completion, re-install the toe plate.

CAUTION
Failure to clean the condenser could result in temperature loss or mechanical failure. Clean this area every three months.
TROUBLESHOOTING

If the unit appears to be malfunctioning, read through the OPERATION section first, then check the guide below to identify and resolve the problem.

DANGER

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

No interior light
- Is the bulb loose?
- Is the bulb burned out?

Light stays on when the door is closed
- Manual ON/OFF light switch is turned on.
- Is the door switch making contact with the plunger?

Noisy during operation
- Certain sounds are normal. Soft sounds from the compressor, fan motor and valves will be heard.

The refrigerated cabinet isn’t running
- Is there electrical power to the unit?
- Is the building circuit breaker/fuse on?
- Is the control set properly?
- In the condenser area clean?

The refrigerated compartment is warmer than usual
- Is the control set properly?
- Is the light staying on?
- Is the condenser area clean and free of obstruction?
- Has the door been open for a long time or more frequent door openings occurred?
- Are the internal louvers and fan guard openings obstructed?

The refrigerated compartment is cooler than usual
- Is the control set properly?
- Is the door closing and sealing properly?

The refrigeration runs for long periods of time
- Is the condenser area clean and free of obstruction?
- Has the door been open for a long period of time or more frequent door openings occurred?
- Has warm product just been placed in the unit?
- On hot days and in warm room temperatures, the system will run longer.

Condensation forms inside the refrigerated compartments
- This is normal during high humidity and frequent door openings.
- Are the doors closing and sealing properly?
Condensation forms on the outside of the unit

- During periods of high humidity, some condensation might appear on the outside surface. The condensation will disappear when the humidity drops. Meanwhile, be sure doors are closing and sealing properly. If condensation persists, contact your Perlick Factory Authorized Service Center.

To obtain product information

- Contact your selling dealer

- Inquire on the web at www.perlick.com

- Call 800/558-5592 for factory assistance for planning, installation or product information.

- Write Perlick Corporation, Customer Service Department, 8300 W. Good Hope Rd., Milwaukee, WI 53223

- E-mail us at warrantyserv@perlick.com

To obtain product service, replacement parts or accessories

- Use only genuine Perlick replace parts and accessories. Genuine Perlick parts and accessories are designed to work correctly with Perlick products and offer superior service life. The use of non-Perlick parts can damage the unit and may void the warranty.

- Check the model and serial number of the unit located on the label attached to the inside top of the cabinet. Call a Perlick Factory Authorized Service Center. For the location of the nearest Service Center, contact your dealer, or inquire via the web at www.perlick.com, or write to: Perlick Corporation, Customer Service Department, 8300 W. Good Hope Rd., Milwaukee, WI 53223