Luxury

Perlick ®

Use and Care Guide
Signature Series
C-Series
ADA-Compliant Series
Shallow-Depth Series

(excludes Beer Dispenser Models)

18" Shallow-Depth Series Beverage Center/48" Signature Series Refrigerator / Wine Reserve stacked on a 48" Signature Series Freezer / Refrigerator Drawers

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GENERAL INFORMATION

Introduction

Congratulations on your purchase of a Perlick residential refrigeration product. Perlick's product offering gives you the opportunity to enjoy functionality and user friendliness in just about any room of your home, including kitchens, bedrooms, entertainment rooms, basements and even bathrooms. All Perlick products are built with commercial grade stainless steel, providing you with beauty and durability for a lifetime of use.

This Use and Care Guide will answer your questions about the features, operation and maintenance of your Perlick unit. We dedicate considerable time to ensure that our products provide the highest level of customer satisfaction. If, however, service is required, call Perlick at 1-800-558-5592. For your own protection, never return merchandise for credit without our approval

We thank you for selecting a Perlick product.

Warranty

The package containing this manual also includes warranty registration information. Warranty coverage begins on the date your Perlick unit was originally purchased.

Take a moment to read through the included warranty statement and complete and mail the Warranty Registration Card as soon as possible to validate the registration date. Alternatively, you can complete Warranty Registration online at www.perlick.com/residential. Mouse over

"Service," and then select "Warranty Registration" from the menu.

You must register your product within 90 days of purchase to receive the Full Three Year Warranty. Without registration, you will receive the standard Full Two Year Warranty with the additional Third through Sixth Year Limited Parts Only Warranty.

If you do not complete the Warranty Registration online or return it via U.S. mail, Perlick will use the date of sale as the first date of warranty for the unit. Please record the purchase date and the dealer's name, address and telephone number below.

Model Number: _____
Serial Number: _____
Purchase Date: _____
Dealer Name & Address:
_____
_____
_____
Phone Number: _____

PLEASE READ all instructions completely before attempting to install or operate the unit. Take particular note of the DANGER, WARNING and CAUTION information in the manual. The information is important for the safe and efficient installation, operation and care of your Perlick unit.

IMPORTANT!
Read and understand all information in this manual before attempting installation.
All plumbing and electrical work must be performed by a qualified technician and conform to all applicable state and local codes.

SAFETY

⚠ DANGER Indicates a hazard that WILL result in serious injury or death if precautions are not followed.

⚠ WARNING Indicates a hazard MAY cause serious injury or death if precautions are not followed.

⚠ CAUTION Indicates a hazard where minor injury or product damage may occur if precautions are not followed.

OPERATION

Loading Product

Before storing perishables, turn unit on and allow it to operate for a minimum of 24 hours to allow temperatures to stabilize.

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

Checking Product Temperature

1. To accurately check the temperature of product stored in the refrigerated compartment, insert an accurate thermometer into a plastic unbreakable bottle, partially filled with water. Tighten bottle cap securely.

2. Place the bottle in the desired area for 24 hours. Refrain from opening the unit during the testing period. After 24 hours, check the temperature of the water. Adjust the temperature accordingly using the procedures on this page.

The unit is preset to achieve the recommended temperature range when installed in a location with a 70° ambient room temperature. The following factors affect the internal temperature of the unit:

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

Interior Light

The unit is equipped with an interior light that illuminates when the door is opened. The cabinet also comes equipped with a manual light switch for displaying the products through a glass door.

This is located on the back wall of the unit to the left of the light; in the Signature Series, it is in front on the control cradle.

Always ensure that the manual light switch is in the OFF position before closing a solid wood or stainless steel door. If manual light switch is left on for an extended period of time, it may increase the cabinet temperature, especially in the top compartment, and cause the refrigeration system to run harder.

Master Power Switch

Dual Zone products come equipped with a master power switch located behind the louvered toe kick. Remove the toe kick to turn power on or off to the unit.

Digital Temperature Control (Signature Series – 24" Dual-Zone)
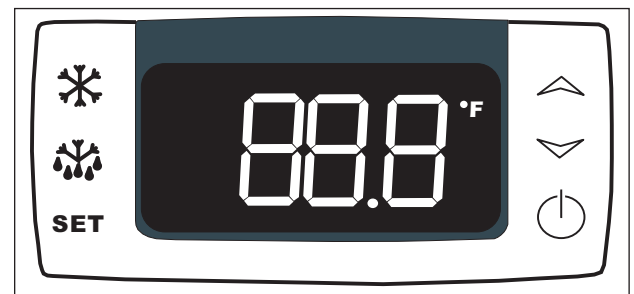
Figure 1. Digital Temperature Controller

Upper Compartment: To view the upper compartment temperature, press and release the DEFROST button (melting snowflake).

Lower Compartment: Display reading always shows the lower compartment temperature.

Setpoint Display

Press and release the SET button; display will read St1. Press SET again and the LOWER Compartment setpoint will be displayed.

Press SET again; the display will read St2. Press SET again and the UPPER Compartment

temperature will be displayed.

Changing the Lower Compartment Temperature

1. Press and hold the SET button until the display shows St1 with "F" flashing.

2. Press SET again to display the lower compartment's current temperature ("F" will continue to flash).

3. Use the UP or DOWN arrow button to scroll to the desired temperature. The controller will memorize the new temperature.

Changing the Upper Compartment Temperature

1. Press and hold the SET button until the display shows St1 with "F" flashing. Press the DOWN arrow button once; the display will read St2.

2. Press SET again to display the upper compartment's current temperature ("F" will continue to flash).

3. Use the UP or DOWN arrow key to scroll to the desired temperature. The controller will memorize the new temperature.

NOTE: Dependent on the model and configuration, the controllers have been programmed to only allow a temperature adjustment within a specified range. See the chart below for the specified range allowed for your unit.

Signature Series – Dual-Zone Units		
Model	**Factory Temperature Setpoint Lower/Upper**	**Range**
HP24Z	0°F / 38°F	-10° - 10° / 30° - 42°
HP24C	38°F / 55°F	30° - 42° / 40 -68°
HP24D	55°F / 65°F	40° - 68° / 40° - 68°

Dual Zone Temperature Scale

To change F to C, press and hold the down arrow for 3 seconds.

Digital Temperature Control (Signature Series – 15", 24" & 48" Single Zone)

Figure 2. Digital Temperature Controller

To Set Target Temperature

SET Press and release the SET button. Display will show the current temperature setpoint.

To Change Setpoint Temperature

1. Press and hold the SET button until the display shows the current setpoint temperature with "F" flashing.

2. Use the UP or DOWN arrow button to scroll to the desired temperature. The controller will memorize the new setpoint temperature.

To Start A Manual Defrost (Freezers Only)

Press the defrost button.

To Set Maximum Stored Temperature

Press the UP arrow button to see the maximum stored temperature. To reset the maximum stored temperature, while displayed, press and hold the SET button until 'rst' flashes in the display.

To Set Minimum Stored Temperature

Press the DOWN arrow button to see the minimum stored temperature. To reset the minimum stored temperature, while displayed, press and hold the SET button until 'rst' flashes in the display.

On/Off

Press to turn the unit on or off.

Key Combinations

⌃ + ⌄ Press the UP and DOWN arrow buttons simultaneously to lock and unlock the keyboard.

SET + ⌄ Press the SET and DOWN arrow buttons simultaneously to enter programming mode.

SET + ⌃ Press the SET and UP arrow buttons simultaneously to return to room temperature display.

NOTE: Dependent on the model and configuration, the controllers have been programmed to only allow a temperature adjustment within a specified range. See the following chart for the specified range allowed for your unit.

Signature Series – HP15 Models			
Model	**Min Temp Set**	**Max Temp Set**	**Factory Temperature Setpoint**
HP15RS	30° F	42° F	38° F
HP15BS	30° F	48° F	42° F
HP15WS	40° F	68° F	45° F

Signature Series – HP24 Models			
Model	**Min Temp Set**	**Max Temp Set**	**Factory Temperature Setpoint**
HP24RS	30° F	42° F	38° F
HP24FS	-10° F	10° F	0° F
HP24BS	30° F	48° F	42° F
HP24WS	40° F	68° F	45° F

Signature Series – HP48 Models			
Model	**Min Temp Set**	**Max Temp Set**	**Factory Temperature Setpoint**
HP48FR	-10° F	10° F	Freezer 0° F
	30° F	42° F	Refrigerator 38° F
HP48RR	30° F	42° F	38° F
HP48RB	30° F	42° F	38° F
HP48RW	30° F	42° F	Refrigerator 38° F
	40° F	68° F	Wine Reserve 55° F
HP48WO	40° F	68° F	45° F
HP48WW	40° F	68° F	45° F

LED Functions

The following table describes the LED functions.

LED	Mode	Function
❄	ON	Compressor is on.
❄	Flashing	Anti-short cycle delay is on.
❄	ON	Defrost is on.
(!)	ON	An alarm is on.
°F	Flashing	You are in the process of programming the unit.

Dial Temperature Control (C-Series, ADA- Compliant & Shallow-Depth)
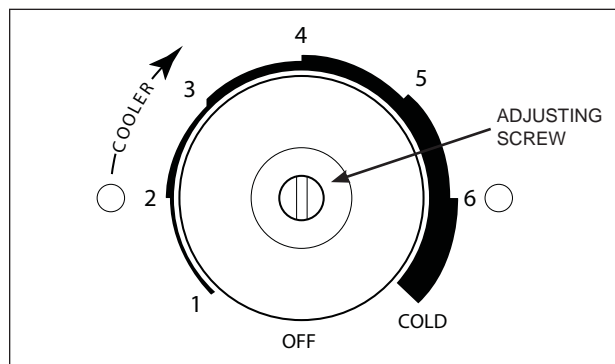
Figure 3. Temperature Controller C-Series

Use a straight slot screwdriver to adjust the dial temperature control. The control is located at the top rear panel of the cabinet. Approximate temperature ranges are as follows:

C-Series	Factory Temperature Setpoint
HC24RB	38° F
HC24BB	42° F
HC24WB	55° F
ADA Compliant	**Factory Temperature Setpoint**
HA24FB	0° F
HA24RB	38° F
HA24BB	42° F
HA24WB	55° F

Shallow Depth	Factory Temperature Setpoint
HH24RS	38° F
HH24BS	42° F
HH24WS	55° F

Adjust the temperature as follows:

Colder Temperature: Turn the adjusting screw clockwise (to the right).

Warmer Temperature: 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.

NOTE: The condenser fan motor turns off with the compressor.

SEASONAL MAINTENANCE FOR OUTDOOR APPROVED MODELS

Winterizing

This process should occur when the daily low temperature is at or above the temperatures stated below:

Freezer models: 32° F

Refrigerator models: 38° F

Beverage Center: 42° F

Wine Reserve: 45° F

It is best to winterize your unit before the low temperarature listed.

1. Turn unit to the OFF position by pressing the OFF button on the controller. The controller displays the word "OFF". (If power cord is accessible, unplug the power cord. If not, turn off the circuit breaker to the electrical receptacle the cabinet is plugged into). For C-Series units, unplug or turn off circuit breaker.
2. Remove all contents from the unit.
3. Remove the front grille.

4. Clean the condenser by using a vacuum cleaner to remove loose debris (leaves, dirt, etc.) that may have accumulated inside the grille.
5. Reinstall the front grille.
6. Clean the interior of the unit using stainless steel cleaner and polish.
7. Clean the exterior of the unit using stainless steel cleaner and polish.

NOTE: Do not place a cover over the unit. While not required, you may choose to remove the unit from the outdoor location and store indoors.

⚠ CAUTION Operating unit at temperatures lower than those recommended will void the warranty.

Spring Start-Up

This process should occur after the daily low temperature is above these temperatures:

Freezer models: 32° F

Refrigerator models: 38° F

Beverage Center: 42° F

Wine Reserve: 45° F

1. Remove the grille.
2. Check the condensing unit to ensure it is clear of loose debris, and clean as necessary with vacuum cleaner.
3. Reattach front grille to the unit.
4. Clean the interior of the unit using stainless steel cleaner and polish.
5. Clean the exterior of the unit using stainless steel cleaner and polish.
6. Plug the unit into the electrical receptacle or turn on the circuit breaker.
7. Press the OFF button one time to turn the unit on. The controller display will show the actual temperature inside the cabinet.
8. The cooling process will begin to bring the unit to the set temperature. It's recommended you run the unit for 24 hours to stabilize the operating temperature before using.

MAINTENANCE

⚠ **DANGER** **Never attempt to repair or perform maintenance on the unit until the main electrical power to the unit has been disconnected!**

Light Bulb Replacement (C-Series, ADA-Compliant & Shallow-Depth)

To replace a defective or burnt out bulb, remove the glass light cover by pulling out on the cover, unscrew the bulb and replace it with an identical or smaller bulb. The Perlick replacement bulb part number is 67026.

LED Replacement (Signature Series)

Call your Perlick Factory Authorized Service Center. For the location of the Service Center in your area, contact your selling dealer, inquire via the web at www.perlick.com, Email us at warrantyserv@perlick.com, or call (800) 558-5592.

Stainless Steel Care & Cleaning

General

Stainless steel is a "passive" metal because it contains other metals like chromium, nickel and manganese that stabilize the atoms. Chromium provides an invisible passive film that covers the steel surface, acting as a shield against corrosion. As long as the film is intact and not contaminated, the metal is passive and stainless. If the passive film of stainless steel has been broken, equipment can start to corrode and rust.

Three materials or processes can break down stainless steel's passive layer and allow corrosion to occur:

• Mechanical abrasion
• Deposits and water
• Chlorides

Mechanical abrasion refers to items that will scratch a steel surface. Steel pads, wire brushes and scrapers are prime examples.

Water comes out of the faucet in varying degrees of hardness. Hard water may leave spots. When allowed to sit, these deposits will break down the passive chromium layer and rust stainless steel. Other deposits from food preparation must be promptly removed with an appropriate cleaning agent.

Chlorides are found nearly everywhere. They are in water, food and table salt. Household and industrial cleaners are the worst offenders.

Preventing Stainless Steel Rust

Use the proper tools. Use non-abrasive tools to clean stainless steel products. Soft cloths and plastic scouring pads will not harm the steel's passive layer.

Clean with polish lines. Some stainless steels have visible polishing lines or "grain". When visible lines are present, always scrub in a motion parallel to the lines. When the grain cannot be seen, polish in a consistent straight pattern and not in a circular motion.

Use alkaline, alkaline chlorinated or non-chloride containing cleaners. While many traditional cleaners are loaded with chlorides, the industry is providing an ever-increasing choice of non-chloride cleaners. If you are not sure of chloride content in the cleaner being used, contact your cleaner supplier. If your present cleaner contains chlorides, ask your supplier for an alternative. Avoid cleaners containing quaternary salt; it also can attack stainless steel and cause pitting and rusting.

Keep food equipment clean. Use alkaline, alkaline chlorinated or non-chloride cleaners at recommended strength. Clean frequently to avoid build-up of hard, stubborn stains. The single most likely cause of damage is chlorides in the water. Remember, adding heat to cleaners that contain chlorides dramatically increases their effect on stainless steel.

If chlorinated cleaners are used, immediately rinse and wipe equipment and supplies dry. The sooner you wipe standing water, especially when it contains cleaning agents, the better. After wiping equipment down, allow it to air dry. Oxygen helps maintain the stainless steel passive film.

Cleaning Cabinet Interior/Exterior

⚠ **CAUTION** **NEVER use hydrochloric acid (muriatic acid) on stainless steel. Do not use abrasive cleansers or cloths on any interior or exterior surfaces or removable parts.**

Glass panels may be cleaned using any standard glass cleaner available on the market.

To clean interior and exterior 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 the lights, controllers, fan motors and unfinished wood wine rack faces.

Cleaning the Condenser

The condenser (located behind front grille cover) should be cleaned every three (3) months. Use a soft bristle brush and vacuum to remove the dust and lint.

⚠ **CAUTION** **Avoid damaging or crushing the condenser fins or tubing.**

Recommended Cleaners for Specific Situations

Job	Cleaning Agent	Comments
Routine cleaning	Soap, ammonia, detergent	Apply with sponge or soft cloth.
Fingerprints and smears	Areal 20, Lac-O-Nu, Lumin Wash, O-Cedar Cream Polish	Provides barrier film to minimize fingerprints. Can be used on all finishes. Rub the surface with a cloth as directed on the package.
Stubborn stains and discolorations	AllChem Concentrated Cleaner, Samae, Twinkle, Cameo Copper Cleaners, Grade FFF Italian Pumice Whiting, Steel Bright, Lumin Cleaner, Zud Restoro, Sta-Clean, Highlite Cooper's Stainless Steel Cleaner or Revere Stainless Steel Cleaner	Apply with a damp sponge or cloth, then rinse with clear water and wipe dry.
	Old Dutch, Lighthouse Sunbrite, Wyandotte Bab-O, gold Dust, Sapollo, Bon Ami or Comet	For these household cleaners, rub with a damp cloth. They may contain chlorine bleaches so rinse thoroughly after use and wipe dry.
	Liquid NuSteel or Dubois Temp	For these products, rub the surface with a dry cloth using only a small amount of cleanser. Rinse with water and dry.
Heat tint or heavy discoloration	Penny-Brite, Copper Brite, Paste Nu-Steel, Dubois Temp or Tarnite	Rub onto surface with a dry cloth.
	Bar Keepers Friend, Revere Stainless Steel Cleaner, Allen Polish, Steel Bright Wyandotte Bab-O or Zud	When using these cleaners, apply with a damp sponge or cloth, rinse thoroughly and wipe dry.
Tenacious deposits, rust, discoloration, industrial atmospheric stains	Oakite No. 33 Dilac, Texo NY, Flash-Klenz Caddy Cleaner, Turco Scale 4368 or Permag 57	Swab and soak with a clean cloth. Let stand for 15 minutes or more according to directions on package, then rinse and wipe dry.
Rust discoloration or corrosion caused by cleaning agents containing hydro-chloric (muriatic) acid or chlorine bleach	3M ScotchBrite pad, type A, grade "fine"	Clean off the surface soil using cleaning methods above. Then rub discolored or corroded areas lightly with a dry pad.

Use of property names is intended only to indicate a type of cleaner and does not constitute an endorsement. Omission of any proprietary cleaner does not imply its inadequacy. All products should be used in strict accordance with instructions on the package.
NOTE: Do not use steel wool or scouring pads to clean stainless steel.

TROUBLESHOOTING

Before Calling For Service

If the unit appears to be malfunctioning, read through the Operation section in this manual first. If the problem persists, check this troubleshooting section to see if you can refer to the cause and remedy of the problem and resolve it without a service call.

⚠ **DANGER** **Never attempt to repair or perform maintenance on the unit until the main electrical power to the unit has been disconnected!**

Problem	Cause	Solution
No interior light.	- Bulb is loose.	- Tighten bulb.
	- Bulb is burnt out.	- Replace bulb.
	- LED board is inoperable.	- Contact Perlick Technical Service at 800-558-5592.
Light stays on when door is closed.	- Manual switch is on.	- Turn manual switch off.
	- Door is not making contact with the door switch.	- Make sure the door closes tightly.
Noisy operation.	- Soft sounds from compressor, fan motor and valves heard.	- Normal operation.
	- "Crackling" sound during defrost.	- Normal operation.
LED Controller display is flashing "P1".	- Thermostat probe has failed.	- Contact Perlick Technical Service at 800-558-5592.
LED Controller display is flashing "P2".	- Evaporator probe has failed.	- Contact Perlick Technical Service at 800-558-5592.
LED Controller display is flashing "HA".	- Internal compartment has exceeded the high temperature alarm preset value for over 30 minutes.	- Make sure the door is completely closed. - Check the door gasket seal. Replace it if necessary. - Check the condenser and clean it if necessary. - Make sure the louvered plate is unobstructed. If surrounding ambient temperature has recently changed dramatically, the compartment temperature may be affected. - Make sure the interior light is off. - Warm product was recently placed in the cabinet. Wait 24 hours for the product to chill and then recheck the temperature.
LED Controller display is flashing "LA"	- Internal compartment has exceeded the low temperature alarm preset value for over 30 minutes.	- Make sure the door is completely closed. - Check the door gasket seal. Replace it if necessary. - If the surrounding ambient temperature has recently changed dramatically, the compartment temperature may be affected.
Unit is not running.	- No power is going to the unit.	- Home circuit breaker was tripped. Reset the circuit breaker. - ON/OFF keypad is off. Turn it on. - Check Dual-Zone Master Power Switch (See page 3).
	- Condenser is dirty.	- Clean the condenser.

Problem	Cause	Solution
Compartments are warmer than usual.	- Control preset is set to warm.	- Lower the setpoint temperature. Refer to changing the setpoint for the specific model.
	- Light is staying on.	- Turn the manual light switch off.
	- Condenser is dirty or obstructed.	- Clean the condenser and clear obstruction.
	- The door is open or has been opened more frequently lately.	- Wait 24 hours and recheck the temperature.
	- Internal louvers and/or the fan guard is obstructed.	- Reset the preset temperature if necessary - refer to page 4 of this guide.
		- Make sure the louvers and/or the fan are not obstructed.
	- Warm product was recently placed in the cabinet.	- Wait 24 hours for product to chill, then recheck the temperature.
System runs for a long period of time.	- Condenser is dirty or obstructed.	- Clean the condenser and clear obstruction.
	- Door was kept open for a long time or was opened more frequently, or warm product was recently placed in the cabinet.	- Wait 24 hours and recheck temperature.
	- Hot day and warm room temperature.	- Normal for the system to run more frequently.
Condensation forms inside the compartments.	- High humidity and/or frequent door opening.	- Normal operation.
	- Door not closing and sealing properly.	- Make sure the door is closing properly. Check the door seal and replace it if necessary.
Condensation forms on the outside of the unit.	- High humidity and/or frequent door opening.	- Normal operation.
	- Door is not closing and sealing properly.	- Make sure the door is closing properly. Check the door seal and replace it if necessary.
		- If condensation persists, contact Perlick Technical Service at 800-558-5592.

For Product Information

- Contact your selling dealer.
- Inquire via the web at www.perlick.com.
- Call 800-558-5592 for factory assistance on planning installation or product information.
- Write to Perlick Corporation, Customer Service Department, 8300 West Good Hope Road, Milwaukee, WI 53223.
- Email us at warrantyserv@perlick.com.

For Product Service

- Check the model and serial number of your unit located on the label attached to the inside top of the cabinet.
- Inquire via the web at www.perlick.com, or call 800-558-5592.

For Replacement Parts and Accessories

- Use only genuine Perlick replacement 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 your unit located on the label attached to the inside top of the cabinet. Call your Perlick Factory Authorized Service Center.
- Inquire via the web at www.perlick.com, or call 800-558-5592.

RESIDENTIAL PRODUCTS WARRANTY

PERLICK RESIDENTIAL REFRIGERATION PRODUCTS LIMITED WARRANTY
(excludes H50IM Clear Ice Makers)

ENTIRE PRODUCT - Full Three Year Warranty:

For three (3) years from date of original purchase, Perlick Corporation's warranty covers all parts and labor to repair or replace any part of the product that proves to be defective in material and workmanship.

You must register your product within 90 days of purchase to receive the Full Three Year Warranty. Without registration, you will receive the standard Full Two Year Warranty with the additional Third through Sixth Year Limited Parts Only Warranty.

ADDITIONAL - Fourth through Sixth Year Limited Parts Only Warranty:

During the three (3) years following expiration of the Three Year Warranty*, Perlick will supply replacement parts only for the hermetically sealed refrigeration system which consists of the compressor, condenser, drier, connecting tubing, evaporator and hot gas bypass valve.

TERMS:

The Perlick Warranty applies to products installed in the 50 United States, the District of Columbia or the 10 provinces of Canada.

All service provided by Perlick Corporation under the above warranty must be performed by authorized Perlick service representatives, unless otherwise specified by Perlick.

Service will be provided in the home during normal business hours.

This warranty applies only to products installed for normal residential use. It does not include adjusting the controls, door reversal, replacing the light bulb or cleaning the condenser.

This warranty is extended only to the original purchaser of the Perlick product.

The above warranty does not apply if:
- Failure of product was due to transportation.
- Product was: improperly installed, misused, abused, operating with low voltage, wired not conforming to electrical codes, improperly maintained or modified.
- The original Bill of Sale, delivery date or serial number cannot be verified.
- Defective parts are not returned for inspection if so required by the Perlick Corporation.

To receive parts and or service and the name of the nearest Perlick authorized service representative, contact your Perlick dealer, distributor or Perlick Corporation's Customer Service Department: 8300 West Good Hope Road, Milwaukee, Wisconsin, 53223; call 800-558-5592, email us at warrantyserv@perlick.com , or visit our web site, www.bringperlickhome.com.

This limited warranty is in lieu of any other warranty, expressed 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 above. Perlick Corporation's sole liability and your exclusive remedy under this warranty are set forth in the initial paragraph above. Perlick Corporation 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 causes whatsoever, whether based on warranty (expressed or implied) or otherwise based on contract, tort or any other theory of liability.

Perlick ®

Luxury You Desire
Innovation You Can't Live Without