



Outdoor Refrigeration Products Use and Care

All Models

GRS_24	24" OUTDOOR REFRIGERATOR
GRR24	24" REFRIGERATOR DRAWERS
GRFR24	24" REFRIGERATOR DRAWER AND FREEZER DRAWER
GRWS_24	24" DUAL ZONE REFRIGERATOR WITH WINE SOLID DOOR
GRWG_24	24" DUAL ZONE REFRIGERATOR WITH WINE GLASS DOOR
GFDS_241	24" SINGLE FAUCET BEER DISPENSER SOLID DOOR
GFDS_242	24" DOUBLE FAUCET BEER DISPENSER SOLID DOOR

_ = Right (R) or Left (L) Hinged Model

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CONGRATULATIONS

Congratulations on your purchase of a Hestan high quality residential refrigeration product. Hestan's innovative product offering gives you the opportunity to enjoy the functionality and user friendliness in just about any room of your home, including kitchens, bedrooms, entertainment rooms, basements and even bathrooms.

All Hestan products are built with commercial grade stainless steel, providing you with the beauty and durability for a lifetime of use. This guide will show you how to use and properly care for your new Hestan product.

We dedicate considerable time to ensure that our products provide the highest level of customer satisfaction. If, however, service is required, call Hestan at 888-905-7463. For your own protection, never return merchandise for credit without our approval.

We thank you again for selecting a high quality Hestan product. We hope you enjoy using it.

Model Number: _____

Serial Number: _____

Purchase Date: _____

Dealer Name/Address:

Phone Number: _____



HESTAN RESIDENTIAL PRODUCTS WARRANTY

WARRANTY:

Hestan Corporation ("Hestan") warrants to the original retail purchaser that during the Basic Warranty Period, Hestan's products will be free from defects in material and workmanship, and during the Extended Warranty Period, the hermetically sealed refrigeration system contained in Hestan's undercounter refrigerator will be free from defects in material and workmanship. This system consists entirely of the compressor, condenser, drier, connecting tubing, evaporator and hot gas bypass valve.

The Basic Warranty Period is as follows:

- For a new product or floor display model. The two (2) year period commencing on the date of purchase by the original retail purchaser.

The Extended Warranty Period applies only to the hermetically sealed refrigeration system contained in Hestan's undercounter refrigerators. The Extended Warranty Period is the portion of the five (5) year period commencing on the date of purchase by the original retail purchaser that is not covered by the Basic Warranty Period.

IMPORTANT!

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

REMEDY:

Hestan will provide the parts and labor necessary to repair or replace (at Hestan’s option) any parts proven to be defective in material or workmanship during the Basic Warranty Period. Hestan will provide the replacement parts, but not the labor, for any parts of the hermetically sealed refrigeration system proven to be defective in materials or workmanship during the Extended Warranty Period.

The cost of freight to ship the replacement parts will be paid by Hestan. Replacement parts are warranted for the remainder of the original warranty period, or ninety (90) days, whichever is longer.

REGISTRATION:

Your Hestan product can be registered via the online Product Registration form at www.hestanhome.com.

OTHER TERMS AND CONDITIONS:

This Warranty applies only to products installed in the fifty states of the United States, the District of Columbia and the ten provinces of Canada.

To obtain the warranty coverage described in this Warranty, Hestan or its authorized distributor or dealer must receive written notice of the warranty claim within the applicable warranty period. To receive parts and/or service and the name and telephone number of the nearest Hestan authorized service representative, please contact your Hestan dealer or distributor, or Hestan’s Customer Service Department by calling 888-905-7463, or e-mailing outdoorwarranty@hestan.com.

All service provided by Hestan under this Warranty must be performed by Hestan’s authorized service representatives, unless otherwise specified by Hestan in writing. Service will be provided during normal business hours.

This Warranty applies only to the original retail purchaser of the Hestan product, and may not be assigned or transferred.

This Warranty does not apply to:

- Damage to Products occurring during transportation.
- Products that are used in a manner that is not normal residential or light commercial use.
- Products that are: improperly installed; misused or abused; operated with low voltage; wired in a manner not conforming to electrical codes; not properly operated in accordance with Hestan’s instructions; not cleaned or maintained in accordance with Hestan’s instructions; modified; or damaged by lightning or other acts of nature.
- Consumable items such as light bulbs.
- Cosmetic damage.
- Adjustments to controls, door reversal, cleaning the condenser or other routine maintenance.

- Products for which the original proof of purchase, delivery date or serial number cannot be verified.
- Products for which the defective parts are not returned for inspection if requested by Hestan.
- Damage to other property caused by the products, including but not limited to loss of food due to spoilage and damage caused by water leakage.

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.

HESTAN’S SOLE LIABILITY AND YOUR EXCLUSIVE REMEDY UNDER THIS WARRANTY ARE SET FORTH IN THE PARAGRAPH ENTITLED “REMEDY” SET FORTH ABOVE.

HESTAN 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 (EXPRESS OR IMPLIED) OR OTHERWISE BASED ON CONTRACT, TORT OR ANY OTHER THEORY OF LIABILITY. IN NO EVENT SHALL HESTAN’S LIABILITY WITH RESPECT TO A PRODUCT EXCEED THE PURCHASE PRICE OF THE PRODUCT.

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 and exclusions 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.

SAFETY

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 Hestan unit.

⚠ 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

MASTER SWITCH

Hestan refrigeration 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.

INTERIOR LIGHT

Door units are equipped with an interior light that illuminate when the door is opened. All models come standard with adjustable blue and white LED lighting. The cabinet also comes equipped with a manual light switch for displaying the products through a glass door.

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, and cause the refrigeration system to run harder.

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 following procedures:

DIGITAL TEMPERATURE CONTROL



Figure 1. Digital Temperature Controller

Programming Button Definitions:

SET SET button



DEFROST button (melting snowflake)



UP arrow



DOWN arrow



ON/OFF button

Dual-Zone Control Instructions

ON / OFF

Press the ON/OFF button to turn the unit on or off.

Upper Compartment:

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

Lower Compartment (Must be coldest zone):

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 key 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 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 lower compartment temperature adjustment range as specified within the chart below. The upper compartment range is not limited, but should always be kept within the specified range shown in the table for the upper compartment. See the chart below for the specified range allowed for your unit.

Dual - Zone Units

Model	Range (F)
GRFR24	Upper 30° - 42°F / Lower -10° - 10°F
GRWS_24 / GRWG_24	Upper 45° - 65°F / Lower 30° - 42°F

Dual-Zone Temperature Scale

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

To Start A Manual Defrost (GRFR24 Only)

Press and hold the DEFROST button (melting snowflake) for 3-5 seconds. Melting snowflake will illuminate.

Single - Zone Control Instructions

To Set Target Temperature

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 the "F" flashing.
2. Use the UP and DOWN arrow button to scroll to the desired temperature.

To Start A Manual Defrost (Freezer Models Only)

Press the DEFROST button (melting snowflake)

To See 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 See 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 the ON/OFF button to turn the unit on or off.






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

Single - Zone Units

Model	Min Temp Set	Max Temp Set
GRS_24	33° F	42° F

LED FUNCTIONS

The following table describes LED functions

LED	Mode	Function
	ON	Compressor is on
	Flashing	Anti-short cycle delay is on
	ON	Defrost is on
	ON	Alarm is on
	Flashing	You are in the process of programming the unit

MAINTENANCE

Seasonal Maintenance for UL - Approved Outdoor Models

Winterizing

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

Refrigerator models: 38° F

Beverage Center: 42° F

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

1. Turn the unit to OFF position by pressing the OFF button on the controller. The controller displays the word "OFF" and turn the master switch located behind the grille off (if the power cord is accessible, unplug the power cord. If not, turn off the circuit breaker to the electrical receptacle the cabinet is plugged into).
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 (see page 9).
7. Clean the exterior of the unit using stainless steel cleaner and polish (see page 9).

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

Spring Start-Up

This process should occur after the daily low temperatures is above the temperatures stated below:

Refrigerator models: 38° F

Beverage Center: 42° F

1. Remove the grille.
2. Check the condensing unit to ensure it is clear of loose debris, and clean as necessary with a vacuum cleaner.
3. Reattach front grille to the unit.
4. Clean the interior of the unit using stainless steel cleaner and polish (see page 9).
5. Clean the exterior of the unit using stainless steel cleaner and polish (see page 9).
6. Plug the unit into the electrical receptacle or turn on the circuit breaker.
7. Turn on the master switch located behind the grille. 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.

⚠ DANGER

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

LED Replacement

To receive parts and / or service and the name and telephone number of the nearest Hestan authorized service representative, please contact your Hestan dealer or distributor, or Hestan's Customer Service Department by calling 888-905-7463 or e-mailing outdoorwarranty@hestan.com.

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. Examples of products containing chlorides are bleach, and pool chlorine. Outdoor locations near a swimming pool, or near areas where liquid fertilizers are used can also contribute to corrosion of your Hestan products.

Preventing Stainless Steel Rust

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 the 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 removeable 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 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 the front grille cover) should be cleaned every three (3) months. Use a soft bristle brush and vacuum to remove 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 hydrochloric (muriatic) acid or chlorine bleach	3M Scotch Pad, type A, grade "fine"	Clean off surface soil using cleaning methods above. Then rub discolored or corroded areas lightly with a dry pad.
<p><i>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.</i></p> <p>NOTE: Do NOT use steel wool or scouring pads to clean stainless steel.</p>		

For Product Information

- Contact your selling dealer
- Inquire via the web at www.hestanhome.com
- Call 888-905-7463 for factory assistance on planning installation or product information
- Write to:
Hestan Commercial Corp.
Attn: Customer Service
3375 E. La Palma Avenue
Anaheim, CA 92806

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.hestanhome.com, or call 888-905-7463

For Replacement Parts and Accessories

- Use only genuine Hestan replacement parts and accessories. Genuine Hestan parts and accessories are designed to work correctly with Hestan products and offer superior service life. The use of non-Hestan 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 Hestan Factory Authorized Service Center.
- Inquire via the web at www.hestanhome.com, or call 888-905-7463

TROUBLESHOOTING

If the unit appears to be malfunctioning, read through the OPERATION section of 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 Hestan Technical Service at 888-905-7463
Light stays on when door switch 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 Hestan Technical Service at 888-905-7463
LED Controller display is flashing “P2”	Evaporator probe has failed	• Contact Hestan Technical Service at 888-905-7463
LED Controller display is flashing “HA”	Internal compartment has exceeded the high temperature alarm preset value for over 30 minutes.	<ul style="list-style-type: none"> • Make sure the door is completely closed. • Check the door gasket seal. Replace 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 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.	<ul style="list-style-type: none"> • Make sure the door is completely closed. • Check the door gasket seal. Replace 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.	<ul style="list-style-type: none"> • Home circuit breaker was tripped. Reset the circuit breaker. • ON/OFF keypad is turned off. Turn it on. • If it is a Dual-Zone model, check the Dual-Zone master power switch (see page 4).
	Condenser is dirty.	• Clean the condenser

Problem	Cause	Solution
Compartments are warmer than usual	Control preset is set to warm	<ul style="list-style-type: none"> Lower the setpoint temperature. Refer to changing the set point for the specific model
	Light is staying on	<ul style="list-style-type: none"> Turn the manual light switch off.
	Condenser is dirty or obstructed	<ul style="list-style-type: none"> Clean the condenser and clear obstruction.
	The door is open or has been opened more frequently lately.	<ul style="list-style-type: none"> Wait 24 hours and recheck the temperature.
	Internal louvers and/or the fan guard is obstructed.	<ul style="list-style-type: none"> Reset the preset temperature if necessary – refer to page 4 and 5 of this guide. Make sure the louvers and/or the fan are not obstructed.
	Warm product was recently placed in the cabinet.	<ul style="list-style-type: none"> Wait 24 hours for product to chill, then recheck the temperature.
System runs for a long period of time.	Condenser is dirty or obstructed.	<ul style="list-style-type: none"> Clean the condenser and clear the obstruction.
	Door was kept open for a long time or was opened more frequently, or warm product was recently placed in the cabinet.	<ul style="list-style-type: none"> Wait 24 hours and recheck temperature.
	Hot day and warm room temperature	<ul style="list-style-type: none"> Normal for the system to run more frequently.
Condensation forms outside of the unit	High humidity and/or frequent door opening	<ul style="list-style-type: none"> Normal Operation
Condensation forms inside the compartments	High humidity and/or frequent door opening	<ul style="list-style-type: none"> Normal operation
	Door is not closing and sealing properly	<ul style="list-style-type: none"> Make sure the door is closing properly. Check the door seal and replace if necessary. If condensation persists, contact Hestan Technical Service at 888-905-7463



Use and Care Guide, Specification Sheets, Wood Overlay Templates for Doors, Drawers and Grilles, and Corresponding Compliance and Energy Guides are available for download at www.hestanhome.com

Contact Hestan Customer or Technical Service at
888-905-7463

Customer Service and Technical Service are available business days
Monday through Friday from 8:00 a.m. to 5:00 p.m. PST.