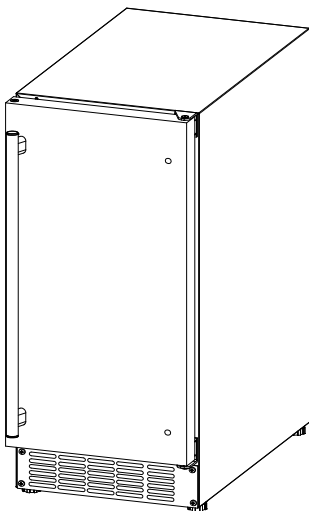


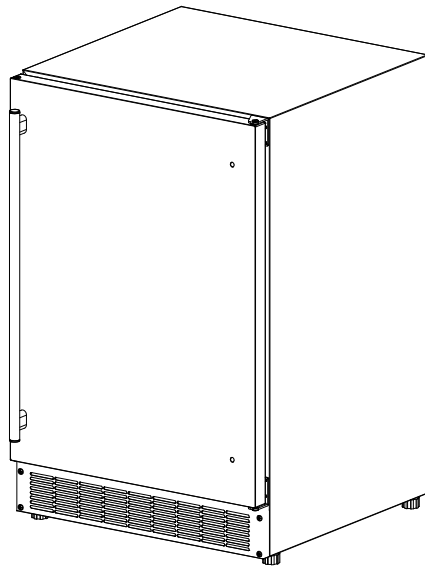


Outdoor Refrigerator / Drawer Refrigerator

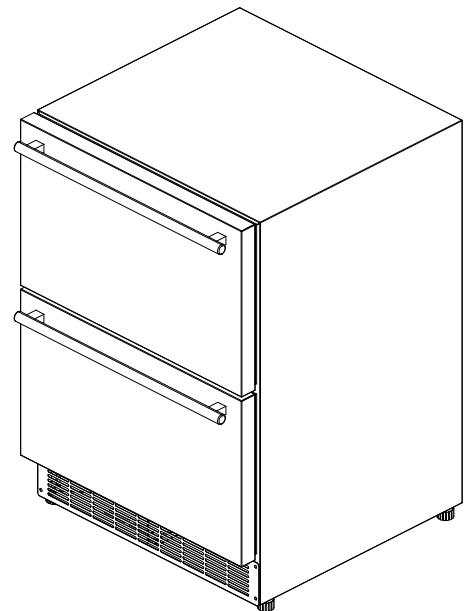
Instruction Manual



HX-90BR



HX-160BR



HX-160DDR

Be sure unit is standing upright 24 hours prior to plug-in.

IMPORTANT SAFEGUARDS

Read all instructions before using this appliance. Use this appliance only for its intended purpose as described in this instruction manual. Always exercise basic safety precautions, as described below. After reading the instruction manual, store it in an accessible place where the user(s) of this product can easily find it.

The purpose of these safety precautions is to ensure safe and correct use of the product to minimize risks that could cause serious damage and injury to you or others. The safety precautions are divided into WARNINGS and CAUTIONS. Cases where improper handling of the unit could lead to death or serious injury are listed under the WARNING heading. However, the cases listed under CAUTION could also lead to serious results. To ensure safety, adhere strictly to both types of safety precautions.

WARNING

1. All repairs, disassembly and modifications should be performed only by qualified technicians. Attempting to perform these yourself could result in fire, malfunction or injury.
2. Never splash water directly onto the product or wash it with water without unplugging, as a short circuit could result. In a rainy environment, a water-proof covering is recommended.
3. Never put flammable or volatile substances into the unit as explosion and fire could result.
4. Do not damage, modify, excessively bend, strain, twist or bundle the power cord. Avoid hot, sharp, or aggressive surfaces. Also, placing heavy objects on the power cord or binding it could damage the cord, possibly resulting in electrical shock or fire.
5. Use a dedicated wall outlet. Do not use an extension cord or multiple-outlet adaptor as this could result in electrical shock, overheating and fire.
6. Never use flammable spray cans or leave flammable substances near the unit. Sparks from electrical switches could result in explosion or fire. If a combustible gas is present near the appliance, turn off the source of the gas, then open the windows and doors to allow the gas to dissipate. To avoid an explosion, do not pull the plug or switch off the unit.
7. The electrical socket must have good grounding. The ground wire cannot be connected with a gas pipe, heating pipe, water pipe, telephone line or lightning rod. It cannot be replaced with the neutral wire of single-phase power. In addition to the ground wire, an electrical leakage circuit breaker is also required.
8. Use an electrician installed ground fault circuit interrupter (GFCI) electrical outlet. If no GFCI is installed, electrical shock could result.
9. Never climb onto the unit. The unit could tip over or fall and cause material damage or personal injury.
10. Disconnect the power cord plug from the wall outlet before moving the unit and make sure that the power cord is not damaged during transport. A damaged power cord could result in electrical shock and/or fire.

11. Never unplug the unit by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet. Pulling the cord could cause wire breakage, possibly resulting in overheating and fire.
12. Repair or replace any cord that is frayed or damaged. Do not use a cord that shows cracks or abrasions along its length.
13. Do not use electrical appliances inside the food storage compartments, unless they are of the type recommended by the manufacturer.
14. Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
15. Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
16. Do not damage the refrigerant circuit.

CAUTION

1. This unit must be properly installed in accordance with the installation instructions along with all local codes before it is used. See grounding instructions in the *Installation* section.
2. This model can either be built-in or free-standing. Built-in units vent at the bottom front and airflow at the front of this vent must be unimpeded.
3. Install the unit in a location where the floor is sturdy enough to support the load of the unit. If the floor is not sturdy enough or installation is incorrectly performed, the unit could tip over and cause personal injury. If the unit is placed on a stand, the front surface must be 3” or more back from the edge of the stand in order to avoid accidental tipping of the appliance during normal usage.
4. Never place heavy objects or items containing water on top of the unit. Objects could fall and cause injury and spilled water could cause the deterioration of the insulation of electrical components and result in electrical shock.
5. Disconnect the unit if it is behaving abnormally, and do not reconnect until the situation is corrected.
6. Pull out the plug before doing any maintenance on the unit to avoid electric shock.
7. Never pull out plug when hands are wet!
8. This unit is not intended for the storage of medicines or chemical reagents.
9. Keep packing materials away from children.
10. Condenser water from evaporator drains into a hole in the floor of the storage compartment and is channeled into a drain pan located at the back of the unit on the compressor. Heat transferred from the compressor evaporates any water that has collected in the pan. Be sure the drain hole in the floor of the unit is clear and unobstructed.
11. During long absences, remove the unit’s contents, unplug the unit, clean it and leave the door open slightly to avoid possible formation of condensation, mold or odors. Use a cover to protect the unit and prolong its lifespan.
12. Leave disassembly and disposal of the unit to qualified experts.

SAVE THESE INSTRUCTIONS!

DANGER!

Risk of child entrapment! Before discarding your old refrigerator:

- take off the doors
- leave the shelves in place so that children may not easily climb inside.

This appliance is intended to be used in household and similar applications such as

- **staff kitchen areas in shops, offices and other working environments;**
- **farm houses and by clients in hotels, motels and other residential type environments;**
- **bed and breakfast type environments;**
- **catering and similar non-retail applications.**

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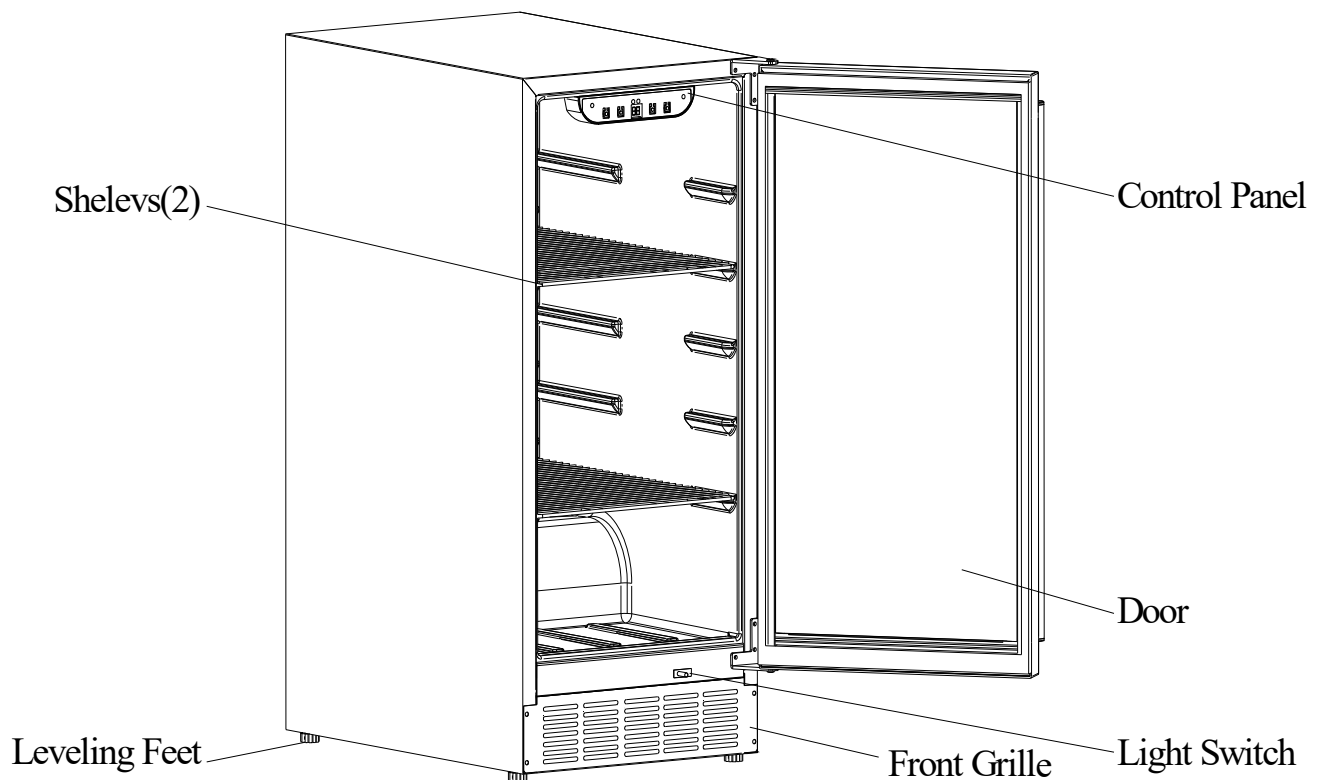
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Technical Specifications

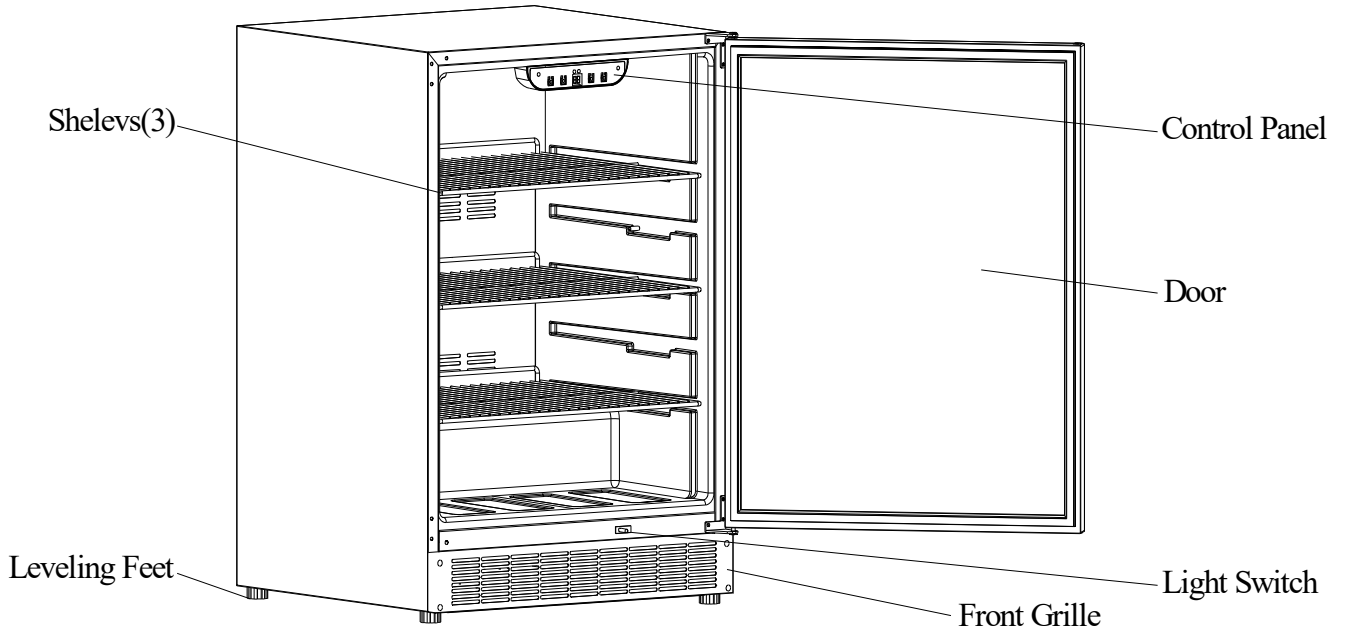
Model:	HX-90BR	HX-160BR	HX-160DDR
Description:	15" Outdoor Refrigerator	24" Outdoor Refrigerator	24" Dual Drawer Outdoor Refrigerator
Electrical Input:	115VAC ~ 60Hz		
Current Rating:	1.1A		
Unit Dimensions:	14-5/8"W × 25-1/16"D × 33-1/2"H	23-5/8"W × 25-1/4"D × 33-1/2"H	
Unit Weight:	63 lbs	87 lbs	104 lbs
Ambient Temperature Range:	50°F - 100°F		
Compartment Temperature Range:	34°F - 65°F		

PARTS AND FEATURES

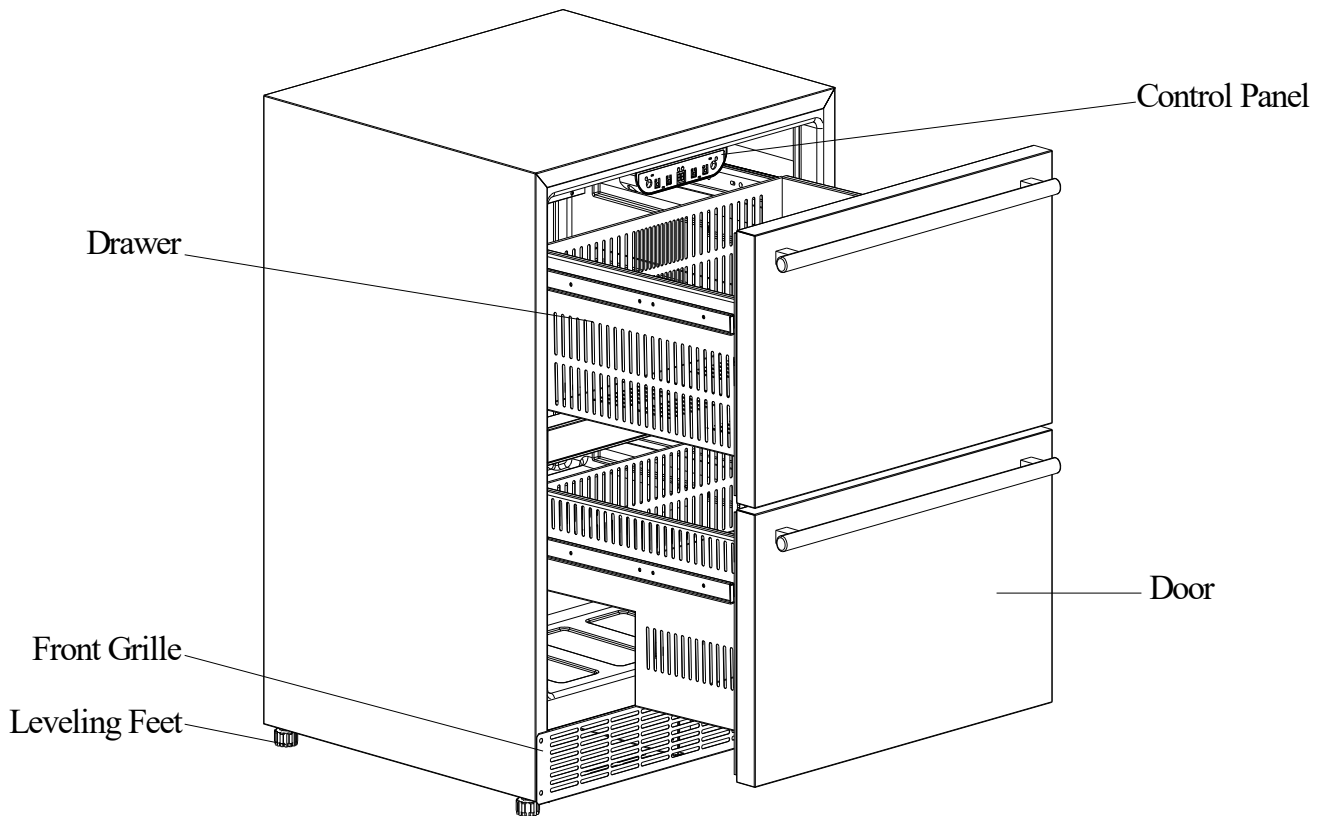
HX-90BR



HX-160BR



HX-160DDR



Installation

Remove the exterior and interior packaging. Use a soft dry cloth to wipe down the outside of the refrigerator thoroughly. Use a clean cloth dampened with lukewarm water to wipe down the inside of the refrigerator.

The unit should be located in a well-ventilated area. Avoid placing it near any source of heat or moisture, or in direct sunlight. Direct sunlight may affect the finish, and nearby heat sources will cause higher electrical consumption.

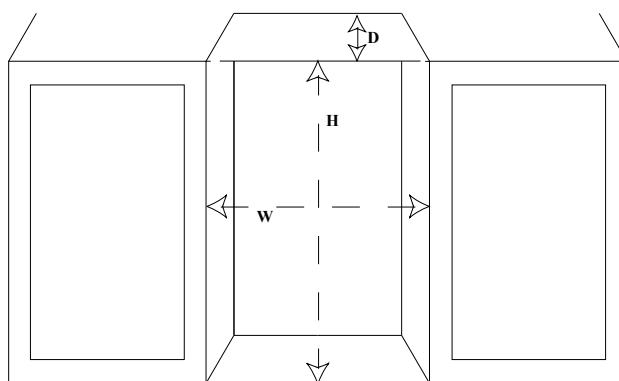
The Refrigerator is designed to be either free-standing or built-in. It has motorized fans at the back of the unit that direct compressor-generated heat away from the compressor and through the front of the unit. Keep the front vents unobstructed. If the unit is built-in, allow minimum clearances of 1/4" at the sides, 2" at the back and 1" at the top.

Once the Refrigerator is positioned, the adjustable legs should be turned to level the appliance. This will reduce vibrations.

NOTE: the appliance shall not be exposed to rain.

BUILT – IN CABINET INSTRUCTIONS

This unit is designed for both built-in or free standing installation. If you plan to use this unit in a built- in application, please follow the requirements shown below.



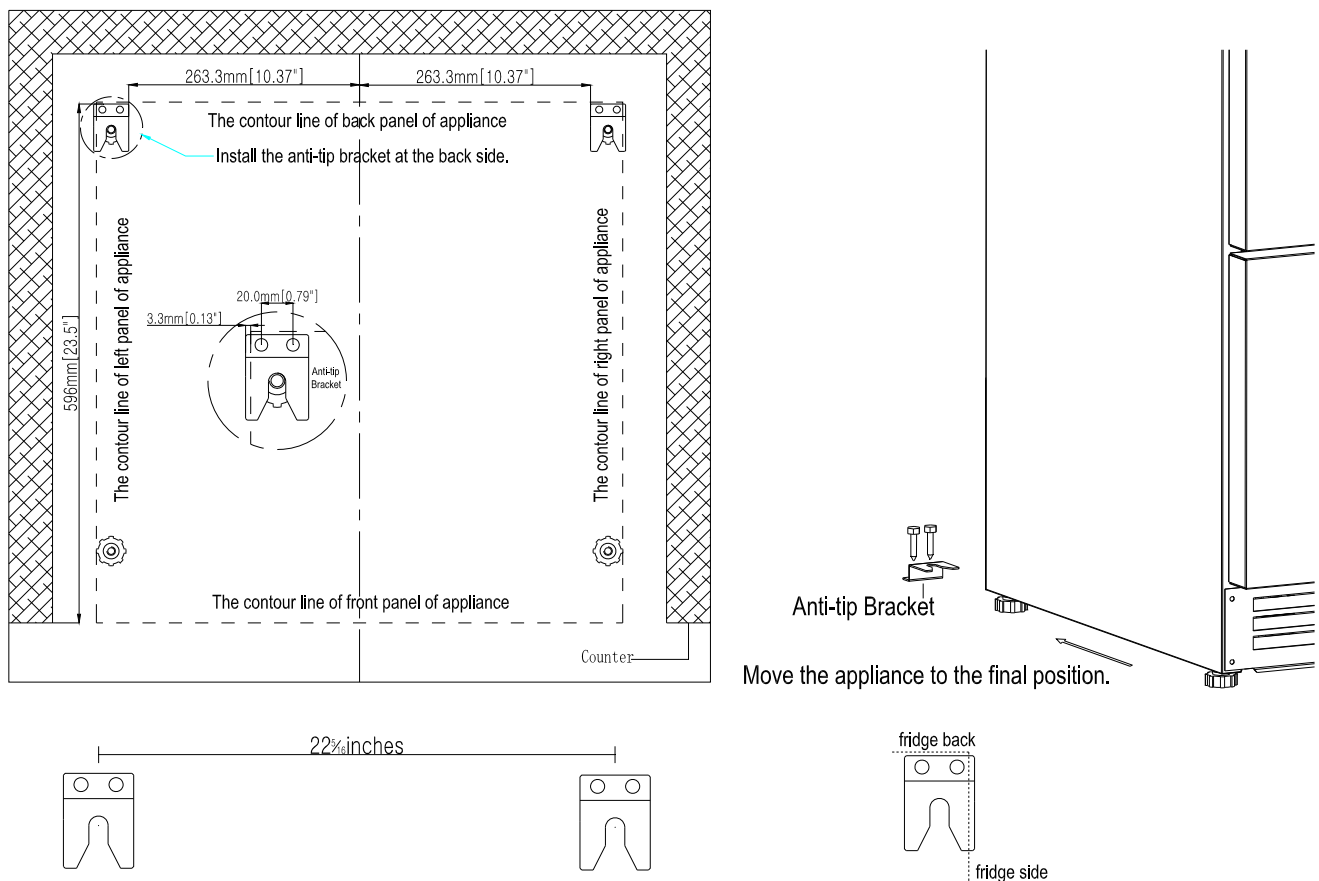
Model:	HX-90BR	HX-160BR	HX-160DDR
Unit Dimension	14-5/8"W × 25-1/16"D × 33-1/2"H	23-5/8"W × 25-1/4"D × 33-1/2"H	
Cut-out Dimension	15-1/8"W × 27-1/16"D × 33-3/4"H	24-1/8"W × 27-1/4"D × 33-3/4"H	

ANTI-TIP BRACKET INSTALLATION [HX-160DDR]

To reduce the risk of tipping the unit by abnormal usage or improper loading, the appliance must be secured by properly installing the anti-tip device packed with the appliance.

- Place the anti-tip bracket on the floor as shown in the figure. An anti-tip bracket must be installed at both sides.
- Mark the locations of the 4 holes of the anti-tip bracket on the floor, refer to the location drawing.
- Use a masonry drill bit and insert plastic anchors.
- Secure bracket to floor using screws.
- Slide appliance into position and make sure the leg engages the anti-tip bracket.

NOTE: If the unit is relocated, the bracket must be removed and installed in the new location.



Reversing the Door Swing [HX-90BR/160BR]

Tools needed: flathead screwdriver, Phillips screwdriver

Important: Before you begin, unplug the ice maker or disconnect power.

To remove the door from hinges:

1. Using a flathead screwdriver, separate the hinge axis from Hinge 1. Set aside.
2. Open the door about 20° around the axis of Bottom Hinge 2, then lift the door off Bottom Hinge 2.

To replace the door latch

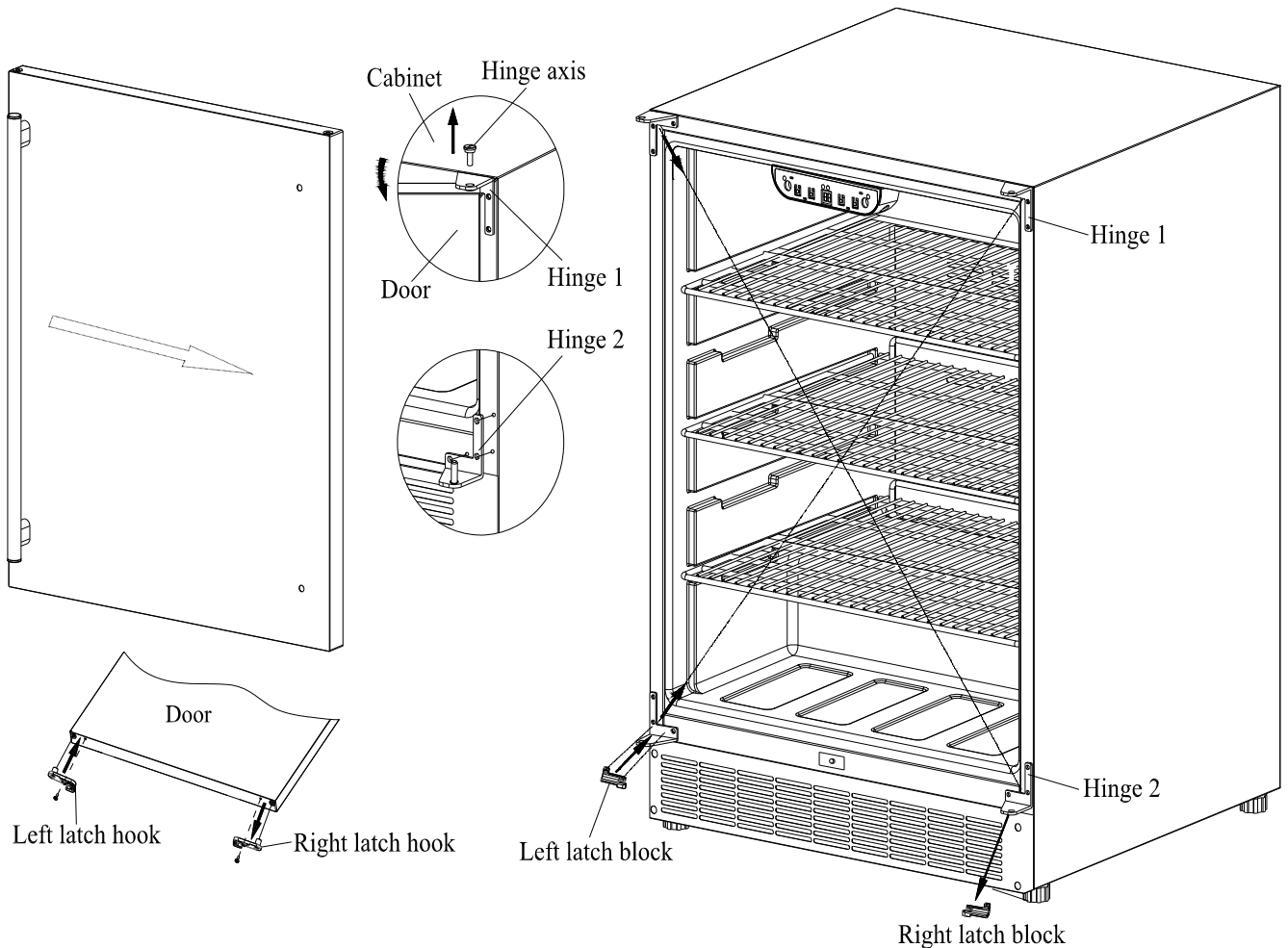
1. Remove the right latch hook located in the right bottom of the door and the sleeve in the Top of the door.
2. Install the left latch hook (in the accessory bag) on the bottom right and insert the sleeve to the top right. use the cap to cover the open holes. Please keep the right latch hook&block for later use.

To reposition the door handle

1. Remove the two buttons from the front of the door.
2. Pull off the door gasket on the back side of the door and uncrew the two bolts to release the door handle.
3. Install the door handle on the oppsite side of the door, tighten the two screw firmly.
4. Insert the door gustket to the slot and use two new buttons to cover the previous mounting hole.

To replace the door on hinges:

1. Using a flathead screwdriver, remove the plug buttons from the screw holes opposite the door hinges, top and bottom. Set aside.
2. Replace the axis on the Hinge 1 and tighten it firmly. Remove Hinge 1 and install it with left latch block (in accessory bag) on the opposite bottom side.
3. Remove Hinge 2 and take down the right latch block, place Hinge 2 on the opposite top side. Separate the axis from Hinge 2 and set it aside.
4. Install and align the door on Bottom Hinge 1 and replace axis on Hinge 2. Tighten it firmly.



Electrical Connection

Important! For your personal safety, this appliance must be properly grounded. In the event of an electrical short circuit, grounding reduces the risk of shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be inserted into an outlet that is properly grounded and installed. The ground wire cannot be connected to a gas pipe, heating pipe, water pipe, telephone line or lightning rod. It cannot be replaced with the neutral wire of single-phase power. In addition to the ground wire, an electrical leakage circuit breaker is also required. Consult a qualified electrician if you do not completely understand these grounding instructions.

DO NOT UNDER ANY CIRCUMSTANCES CUT OR REMOVE THE THIRD (GROUND) PRONG FROM THE POWER CORD.

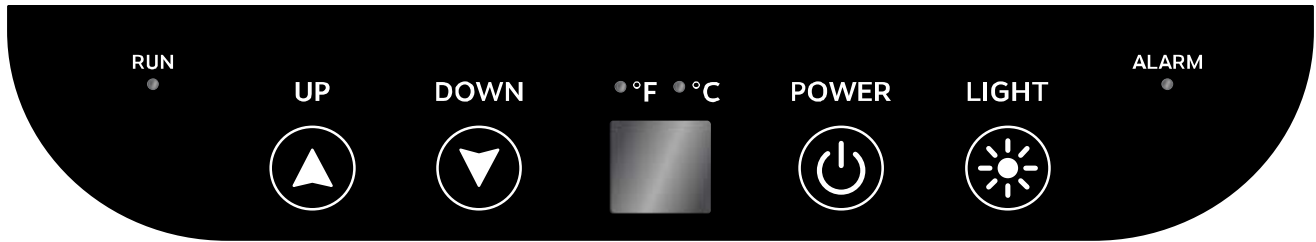
If installation in a damp location is unavoidable, have an electrician install a ground fault circuit interrupter (GFCI) electrical outlet. If no GFCI is installed, electrical shock could result.

Do Not Use an Extension Cord

Avoid the use of an extension cord because of potential safety hazards under certain conditions.

Operating Your Refrigerator


Control Panel



It is recommended you install the appliance in a place where the ambient temperature is between 60-90 degrees Fahrenheit. If the ambient temperature is above or below recommended temperatures, the performance of the unit may be affected. For example, placing your unit in extreme cold or hot conditions may cause interior temperatures to fluctuate. The range of 34 - 50 degrees Fahrenheit may not be reached.

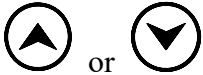
ON/OFF POWER





Press  and hold for 3 seconds on control panel to turn on or turn off the cooler, when cooler is turned off, the appliance will stop working.

- The factory preset temperature is 38°F / 3°C.

TEMPERATURE SETTING



Press  or  to adjust the temperature of the appliance, and each press on the button will alter the temperature by 1°F.

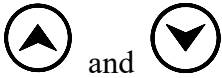
LIGHT SWITCH





Press  to switch the Interior Light ON/OFF.

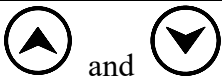
- The interior light can be turned On or Off automatically with the opening or closing of the door.



TEMPERAURE UNIT SETTING



Press  and  together and hold for 3 seconds, the temperature unit will switch from Fahrenheit to Celsius degree or the other way around, Fahrenheit or Celsius degrees indicator will appear in the temperature display window.

TEMPERATURE DISPLAY SETTING



Press  and  together and hold for 6 seconds, the temperature display will switch from the setting temperature to the cabinet real-time temperature or the other way around.

- The factory preset temperature display mode is the Setting temperature.

Compressor Run Indicator

When the compressor is running, the RUN indicator is ON which representing a running compressor. If the compressor stops running, the running LED will go out as well. If the RUN indicator is flashing, the unit is in automatic defrost.

DOOR ALARM

If the door has been left open for more than 5 minute, the alarm will sound along with 'dr' flashing. The alarm will stop by closing the door or press any key.

REFRIGERATOR ALARM

This outdoor refrigerator has an alarm system feature that activates when the unit detects any malfunction in the refrigerator system. If the temperature display window displays "L0", "E1", or "H1", and the ALARM indicator flashing, please proceed to the Troubleshooting section of this user manual.

Energy-Saving Tips

- Do not place the unit next to a heating vent, a range or in direct sunlight.
- Keep the door closed as much as possible, especially in hot, humid weather.
- Cover foods to reduce moisture buildup inside the appliance.

Wine Storage Temperatures: While wines store best at temperatures around 56-58°F, your unit also allows you to store wine at drinking temperatures. Generally, RED WINE should be kept at 60-61°F and WHITE WINE, which is usually served chilled, is best kept at 54-55°F. Sparkling wines should be kept at about 46° F. For beer and soft drinks, choose the temperature setting that is most agreeable to you and your guests.

Please note: The temperature sensor records the average temperature of the unit. Cold air falls and warmer air rises, and there will be a temperature variation from the bottom to the top of the unit. The temperature at the bottom of the unit will always be slightly colder. The controller only controls the average temperature of the unit. The temperature displayed by the electronic control panel is the instantaneous average temperature of the unit and there may be a variation of approximately 0 to 6 Fahrenheit degrees.

When fully loaded with room temperature product, the unit will operate continuously for as long as 24 hours to reduce the temperature inside the cabinet to the desired point. Under normal conditions, when the unit has been on for six hours, it will stop working for about thirty minutes to defrost automatically.

The 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. Best results are obtained at temperatures

between 65°F and 80°F for built-in models and between 65°F and 90°F for freestanding models.

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

To temporarily stop the cooling cycle, unplug the Refrigerator. To shut it down for longer periods of time, disconnect the plug and leave the door partially open.

NOTE: If you unplug the Refrigerator, allow 3 minutes before plugging it back in. The unit will not restart in less than 3 minutes.

Shelving

The unit has adjustable chrome-plated flat wire shelves to hold cans and bottles of beverages such as beer, water and soft drinks.

These racks are designed to only be pulled out 1/3 of the way. This is a safety feature so that neither the machine nor the shelf will tip over.

The racks are removable and reversible. To remove a rack, take out the cans on the rack and pull it out until it stops. Then lift up the front of the rack and remove it from the unit.

Cleaning and Maintenance

Cleaning the Outside

Unplug your Refrigerator. Clean the outside with a cloth dampened in mild soapy water. Dry thoroughly with a soft cloth. Polish with a stainless steel cleaner. To clean the door gasket, use only mild soapy water. Never use harsh cleansers or scouring pads to clean any part of your unit.

Cleaning the Inside

Unplug your Refrigerator and remove its contents. Rinse the inside surfaces with plain water and dry the chrome racks, basket and shelving. Avoid getting excess water inside the machine since it will flow into the water trap near the compressor and possibly overflow.

Defrosting the Unit

The unit uses an automatic defrost system in which the refrigerated surfaces of the unit defrost automatically. Defrost water drains into a hole in the floor of the storage compartment and is channeled into a drain pan located at the back of the unit near the compressor. Heat transferred from the compressor evaporates any water that has collected in the pan. Be sure the drain hole in the floor of the unit is clear and unobstructed.

Extended Non-Use

VACATION/HOLIDAY, PROLONGED SHUTDOWN

The following steps are recommended for periods of extended non-use:

1. Remove all customizable content from the unit.
2. Disconnect the power cord from its outlet/socket and leave it disconnected until the unit is returned to service.
3. If ice is on the evaporator, allow ice to thaw naturally.
4. Clean and dry the interior of the unit. Ensure all water has been removed from the unit.
5. The door must remain open to prevent formation of mold and mildew. Open door a minimum of 2" (50 mm) to provide the necessary ventilation.

WINTERIZATION

If the unit will be exposed to temperatures of 40°F(4°C) or less, the steps above must be followed.

Troubleshooting

Unit does not turn on

- Not plugged in.
- Fuse blown or circuit breaker tripped.
- Press Power Button on control panel

Noise or vibration

- Check that unit is level. If not, adjust leveling legs.

Unit is too warm

- Check that door is properly closed and sealed.
- Check temperature setting. (To change the temperature setting, follow the steps in the *Operating Your Refrigerator* section of this manual.)
- Check if door has been opened frequently or recently filled with product.

Unit Develops Condensation on External Surfaces

- Check the unit is properly exposed to excessive humidity. Moisture will dissipate as humidity levels decrease.

Temperature Window displays “E1”

- This message is an ALARM MODE indication. It indicates that thermostatic sensor has malfunctioned. Contact your authorized service facility for sensor replacement.

Temperature Window displays “Lo”

- This message is an ALARM MODE indication. It indicates that the actual temperature is much lower than your set temperature.

Temperature Window displays “HI”

- This message is an ALARM MODE indication. It indicates that the actual temperature is much higher than your set temperature. Possible causes are:

- The door might not be fully closed.
- The refrigerant may have leaked.
- The unit may have been recently loaded with room temperature product.
- The control panel may not be functioning properly and should be replaced. If you are certain that the door is not the cause of the problem, contact your authorized service facility immediately.