

# **VEVOR<sup>®</sup>**

**TOUGH TOOLS, HALF PRICE**

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## **OUTDOOR REFRIGERATOR**

### **USE AND CARE GUIDE**

**MODEL:BC-1600D**

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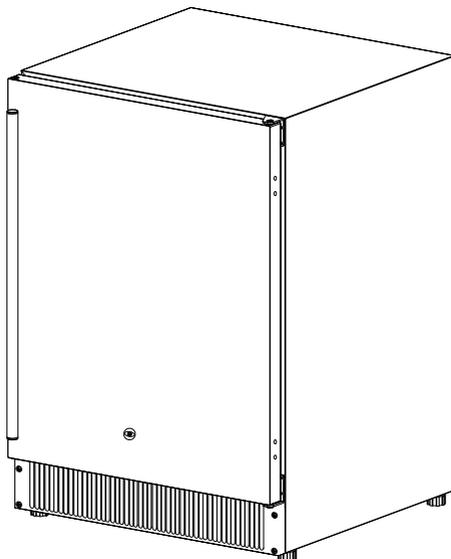


# VEVOR®

TOUGH TOOLS, HALF PRICE

## OUTDOOR REFRIGERATOR

MODEL:BC-1600D



### NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

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:** This product can expose you to chemicals including Chromium (hexavalent compounds), which are known to the State of California to cause cancer and birth defects or other reproductive harm.

(For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)).

## 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.
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.

## CAUTION



### FLAMMABLE REFRIGERANT GAS

**DANGER** - Risk of fire or explosion. Flammable refrigerant used.

**DO NOT use mechanical devices to defrost refrigerator.**

**DO NOT puncture refrigerant tubing.**

**DANGER** - Risk of fire or explosion. Flammable refrigerant used. To be repaired only by trained service personnel. **DO NOT** puncture refrigerant tubing.

**CAUTION** - Risk of fire or explosion. Flammable refrigerant used. Consult repair manual / owner's guide before attempting to service this product. All safety precautions must be followed.

**CAUTION** - Risk of fire or explosion. Dispose of property in accordance with federal or local regulations. Flammable refrigerant used.

**CAUTION** - Risk of fire or explosion due to puncture of refrigerant tubing. Follow handling instructions carefully. Flammable refrigerant used.

## **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.

### **TECHNICAL SPECIFICATIONS**

Model: BC-160OD

Description: Outdoor Refrigerator

Electrical Input: 115VAC ~ 60Hz

Current Rating: 1.1A

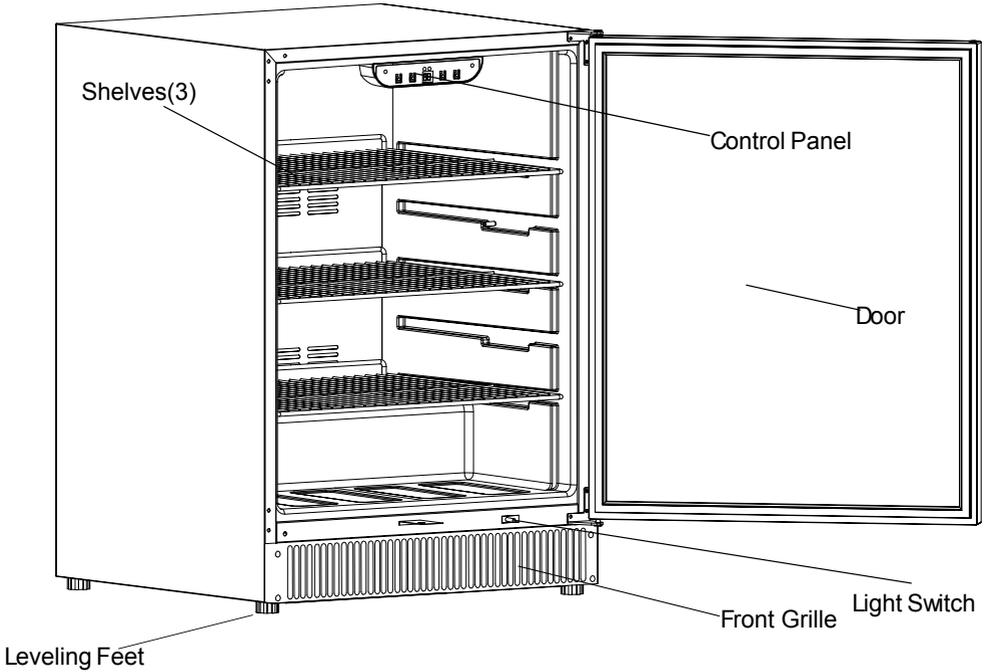
Unit Dimensions: 23<sup>5</sup>/<sub>8</sub>” W x 25<sup>1</sup>/<sub>4</sub>” D x 33<sup>1</sup>/<sub>2</sub>” H

Unit Weight: 89 lbs

Ambient Temperature Range: 50° F - 100° F

Compartment Temperature Range: 34°F - 65°F

## LOCATION OF PARTS



CHECK TO BE SURE YOU HAVE ALL OF THE FOLLOWING PARTS:

- 1 Door Latch Hook
- 1 Door Latch Block
- 1 Instruction Manual
- 1 Stainless steel screw
- 2 Door key
- 1 Energy Guide
- 3 Shelves

## 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.

## 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, 1/2" 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.

### Reversing the Door Swing

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 plugs from the top left and bottom left hinge holes.
2. Remove the right latch hook located in the right bottom of the door and cover it with the plug just removed from the left.
3. Install the left latch hook (in the accessory bag) to the left bottom hinge hole.

Please keep the right latch hook & block for later use.

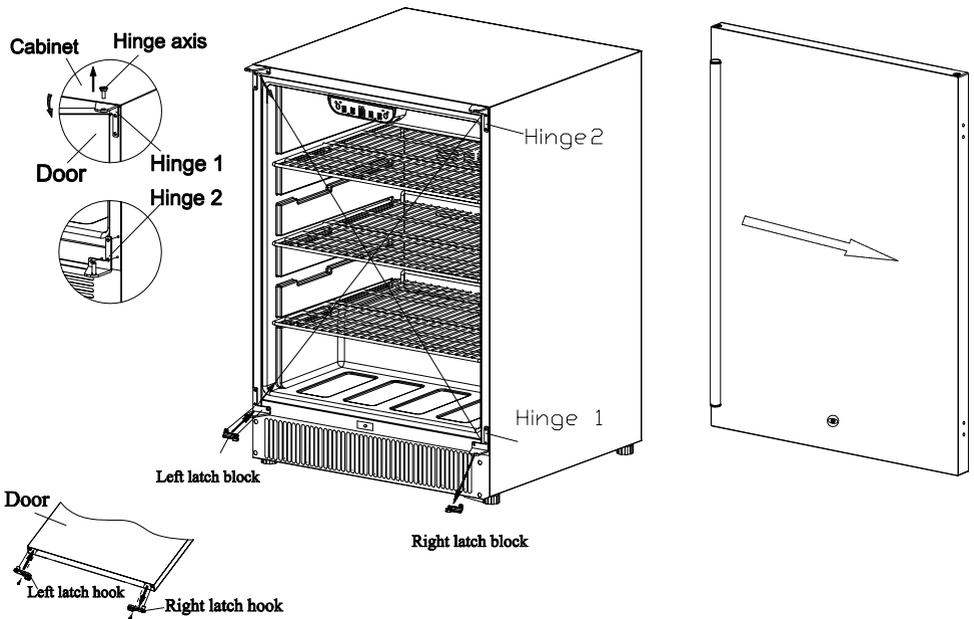
### **To reposition the door handle**

1. Remove the two plugs from the right side of the door.
2. Unscrew the door handle from the left side of the door
3. Install the door handle on the opposite side of the door, tighten the two screws firmly.
4. Cover the left side's mounting holes with the plugs removed from the right.

### **To replace 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.

See Figure below.



### 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**

**IMPORTANT:** Do not plug in the Refrigerator for 24 hours after unit is set in place. Failure to do so may result in the unit working improperly.

### **Compartment Design**

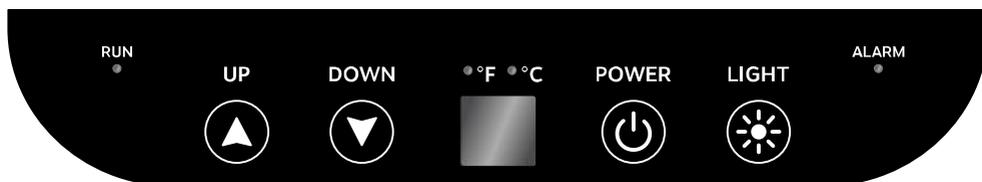
This Refrigerator has a capacity of 175 cans. The unit has 3 adjustable flat wire shelves to hold cans and bottles of beverages such as beer, water and soft drinks. The control panel also allows you to set a different temperature for Refrigerator or wine cellar. The control panel displays the current temperature inside the compartment.

## **OPERATING INSTRUCTIONS**

### **First Use**

The refrigerator control is preset at the factory. Initial startup requires no adjustments.

## 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

The appliance is in 'stand by' after power on, 'OF' displays in the screen, Press  to start the unit, Press again and hold for 3 seconds to turn off and go back to 'stand by'.

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

### TEMPERATURE SETTING

Press  or  once to start the temperature setting, the current setting temperature will be flashing, continue press to adjust the temperature of the appliance, and each press on the button will alter the temperature by 1°F, hold buttons will fast scroll the numbers. the setting will be automatically memorized after 10 seconds or door being closed.

### LIGHT SWITCH

Press  to switch the Interior Light ON/OFF or switch different light colours, depends on the models.

- *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  or  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 diplay mode is the real-time temperature.*

## **TURBO COOLING**

Press  and  hold for 3 seconds to enter turbo cooling, this mode will run 12 hours and then auto exit. Press again to manual exit the turbo cooling.

## **SABBATH**

Press  and hold  for 6 seconds to enter Sabbath mode, the panel display, indicator and keytone will be shut off. Press and hold  for 3 seconds to exit the sabbath mode.

## **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 minutes, 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 "Lo", "El", or "HI", and the ALARM indicator flashing, please proceed to the Troubleshooting section of this user manual.

## Turning On the Unit

Plug in the Refrigerator to turn it on automatically. (After the unit has been on for about 6 hours, the compressor will shut down for thirty minutes to allow for automatic defrosting.)

If you want to use the Automatic Temperature (default) setting, do nothing further.

The unit will automatically set the temperature in the compartment at 38 °F (3°C).

If you want to set other temperatures, see below.

## Temperature Setting

**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.

To adjust the temperature, press the SET button, then use the UP/DOWN keys to navigate to the preferred temperature. The range of set temperatures is from 34 to 65° F. For example, if you are storing red wine, you may want to set a temperature of 61° F. When the correct temperature appears in the DISPLAY window of the control panel, press SET to confirm. The actual temperature inside the unit will now appear in the window. This temperature will vary depending on the number of bottles stored and how frequently the door is opened.

**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.

### **Memorized Temperature Settings**

Your unit has been designed to “remember” the last run mode to which it was set. If there is a power outage or any other power cutoff, the unit will automatically return to the previous temperature setting after the power has returned.

### **Compressor Run Indicator**

When the compressor is running, the control panel will light a running LED light representing a running compressor. If the compressor stops running, the running LED will go out as well.

## **ALARM Mode**

In the event that there is a fault in the unit, an ALARM LED light will appear on the control panel.

In ALARM mode, the unit will make a beeping sound and display an alarm message. If the control panel displays any of the following messages: EI, HI or Lo, consult the Troubleshooting section of this manual.

## **Interior Light**

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

## **Shelving**

The unit has 3 adjustable 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 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**

#### Winterizing

If the outdoor refrigerator will be exposed to temperatures of 38°F (3.3° C) or less, perform below steps to winterize your refrigerator that will keep it in good condition while facing the winter elements. It is important to clean and dry this appliance to prevent severe mold and mildew growth from engulfing the fridge's interior.

1. Turn the unit OFF by pressing the POWER button on the controller.
2. Remove all food and drink contents from the refrigerator.
3. Unplug the unit from the power outlet. It is also recommended that the power to the outlet be turned-off if the circuit is not required for other items during the Winter season.
4. Place all cords in a small bag or tie them together with a piece of scrap cloth.
5. If necessary, move the unit so you can gain access to the rear of the product.
6. Remove the front toe kick and use a brush and vacuum to clean dirt and debris from beneath the unit. Thoroughly clean the toe kick and re-install on the unit.
7. Remove the rear access cover and use a brush and vacuum to clean dirt and debris from the machine compartment.

8. Check if the plastic defrost drain pan located upon the compressor contains water, use a sponge to remove as much water as possible.
9. Thoroughly clean the rear access cover and re-install on the unit.
10. Clean the exterior and interior of refrigerator thoroughly. Wipe down and dry the refrigerator with rags or paper towels after it has been cleaned. Ensure all water has been removed from the unit.
11. Leave the refrigerator door open to prevent formation of mold and mildew. Open door a minimum of 2" (50 mm) to provide the necessary ventilation.
12. Kindly advise no cover on the unit, as this can trap condensation. If you are concerned about exposure to the elements, use a synthetic cover that will not hold moisture to protect the appliance, though the door should remain open as much as possible.
13. After completion of the above, you may choose to store the unit indoors, although this is not required.

### **Start-Up After Long-Term Storage:**

1. If stored outside, it is recommended that the unit again be thoroughly inspected per the storage instructions above to address any dirt or debris from the weather and/or animals/insects.
2. Connect the unit to electrical power.
3. Turn unit on and confirm your desired control settings.
4. Allow 24-hrs for the unit to stabilize before loading contents.

## **TROUBLESHOOTING**

**WARNING:** To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.

### **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 “EI”**

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.





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