

Household Freezer

User Manual



Model No.: BD-100B-E

It is important that you read these instructions before using your product and we strongly recommend that you keep them in a safe place for future reference.



Scan the QR code to watch the product videos



Web: www.electacticshop.com



Email: service@electacticshop.com

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IMPORTANT SAFETY INSTRUCTIONS

 WARNING	To reduce the risk of fire, electrical shock, or injury when using your freezer, follow these basic precautions:
• Read all instructions before using the freezer. • DANGER or WARNING: Risk of child entrapment. To avoid the possibility of child entrapment, please take the following precautions: Remove the freezer top and DO NOT remove the internal basket. • Before you throw away your old freezer: Take off the top. Leave the basket in place so that children may not easily climb inside. • Never allow children to operate, play with, or crawl inside the freezer. • Refrigerants: All refrigeration products contain refrigerants, which under the guidelines of federal law must be removed before disposal of product. It is the consumer's responsibility to comply with federal and local regulations when disposing of this product. • Never clean freezer parts with flammable fluids. The fumes can create a fire hazard or explosion. • Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other freezer. The fumes can create a fire hazard or an explosion. -Save these instructions-	



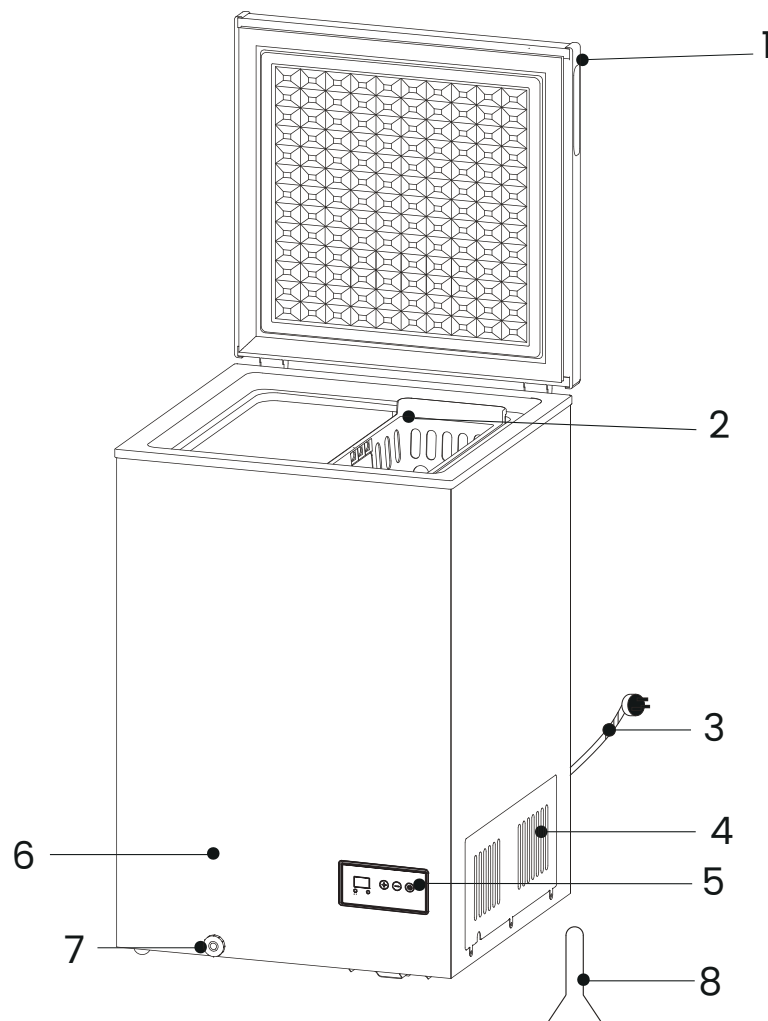
DANGER – Risk Of Fire Or Explosion. Flammable Refrigerant Used. To Be Repaired Only By Trained Service Personnel. Do Not Puncture Refrigerant Tubing

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

KNOWING YOUR UNIT



1.Recessed door handle
2.Basket
3.Power cord
4.Shutter

5.Temperature control panel
6.Cabinet
7.Drainage hole
8.Ice shovel

⚡ WARNING ⚡ : Never touch the interior of the Freezer Chamber or frozen foods in the compartment with wet hands as this could result in frost bite.

BEFORE FIRST USE

Installing Your Freezer

- This appliance is designed to be free standing only and should not be recessed or built-in.
- Place your freezer on a floor that is strong enough to support the freezer when it is fully loaded.
- Allow 5 inches of space between the back and sides of the freezer, which allows the proper air ventilation.
- Your freezer should be conveniently located in a dry, well ventilated room away from direct sunlight and sources of heat (stove, heater, radiator etc.) Direct sunlight may affect acrylic coating and heat sources may increase electrical consumption. Install the freezer at where the temperature is between 32-100°F. Temperatures outside of this range may affect the performance and longevity of the unit
- Avoid locating the freezer in moist areas.
- Before connecting the freezer to the power source, let it stand upright for approximately 4 hours. This will reduce the possibility of a malfunction in the cooling system from improper handling during transportation.
- Clean the machine according to the “Cleaning Your Freezer” section.
- Plug the freezer into dedicated, properly installed-grounded wall outlet. Do not, under any circumstances, cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed toward a certified electrician or an authorized service center. **This unit is not designed to be installed in an RV or used with an inverter.**
- After plugging the appliance into a wall outlet, turn the unit on and allow the unit to cool for 2-3 hours before placing food in the freezer compartment.

WARNING

Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by an authorized service center.

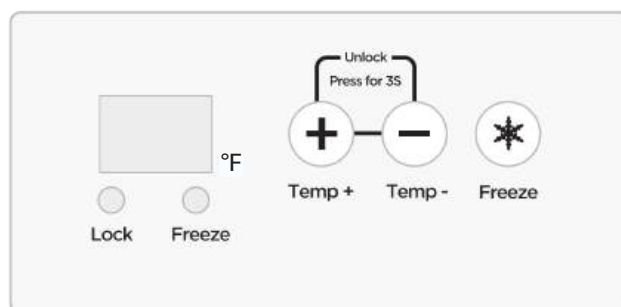
The cord should be secured behind the freezer and not left exposed or dangling to prevent accidental injury.

Never unplug the freezer by pulling the power cord. Always grip the plug firmly and pull straight out from the receptacle.

Do not use an extension cord with this appliance. If the power cord is too short, have a qualified electrician or service technician install an outlet near the appliance. Use of an extension cord can negatively affect the performance of the unit.

Do not attempt to repair or replace any part of your refrigerator unless it specifically recommended in this manual. All other servicing should be referred to a qualified technician, so as to minimize the risk of possible ignition due to incorrect parts or improper service.

OPERATING YOUR FREEZER



- **Starting and Running the Unit:** Plug in the unit, and the display screen will turn fully on for 1 second, and fully dark for 1 second. Then the digital tube display will switch to the actual temperature in the freezer. At this time, the control panel is not locked and the temperature setting can be adjusted. The default set temperature is 0°F, and the machine will start to run after a delay of 30 seconds after the first power-on.
- **Control Panel Auto-Lock:** The temperature control panel will be automatically locked after 30 seconds without pressing any keys and the lock indicator will light up. When the temperature control panel is locked, press both "+" and "-" keys for 3 seconds to unlock and set the keys.
- **Power-off Memory:** With power-off memory function, the working state will be locked at the moment of power-off, and it will still work in the state before the power-off after the power is turned on again; If it is in the quick-freezing state when the power is off, it will return to the state before the quick-freezing.

Temperature Adjustment:

- When control panel is unlocked, set the temperature with the "+" and "-" keys. Each time you press the "+" and "-" key, the set temperature will rise or fall by 1 degree. If you press and hold the key continuously, the set temperature will rise or drop continuously, and the digits will be displayed in a cycle between the set range. During the temperature setting process, the digital tube will be flashing. If no key operation is performed within 5 seconds, the temperature setting value will be confirmed and the display will convert to the actual temperature in the freezer. If other keys are pressed, the value will be confirmed immediately. Temperature setting range: 14°F to -40°F

Quick-freeze:

- When the control panel is unlocked and the set temperature is $\leq 0^{\circ}\text{F}$, press freeze key to switch on and off quick-freeze function. When quick-freeze is switched on, the digital tube will alternately display "Sd" and the actual temperature of the freezer twice respectively. Then it will display the actual temperature in the freezer, and the freeze indicator lights up. The indicator will stay on until freeze is turned off.
- Under quick-freeze function, the compressor will run continuously without stopping. The continuous running time is adjusted according to your set temperature: The compressor runs for 24 hours with set temperature between -10 to 0°F, 36 hours with set temperature between -25 to -10°F, or 48 hours with set temperature between -40 to -25°F. After the continuous running time, the freezer will automatically exit quick-freeze and enter the set temperature control mode.

OPERATING YOUR FREEZER

- For quick freezing, it is recommended to turn on quick-freeze for 2 hours before putting a small amount of food and turn on quick-freeze for more than 10 hours before putting a large amount of food at a time. Notice that the power consumption will increase under quick freeze mode.

High Temperature Alarm:

- This freezer is equipped with a high temperature alarm function. If the temperature in the cabinet fails to reach the set temperature after a long-term operation, the temperature control panel will display EH. At this time, please check the following:
 - whether the ambient temperature around the freezer is too high;
 - whether the heat dissipation of the freezer is obstructed;
 - whether the door is completely closed;
 - whether the refrigeration system of the freezer is abnormal.

If you have checked the above points but the high temperature alarm does not turn off, please transfer the food in the freezer to a working freezer or refrigerator to avoid food spoil.

Temperature sensor malfunction:

- If the chest temperature sensor is damaged, the temperature control panel will display EI, meanwhile the freezer can still operate cooling. But it cannot display the actual temperature in the chest and cannot operate at the set temperature you need. It is recommended to cut off the power and check whether the connector of the sensor cable is loose.

 **WARNING**  : This product is a low-temperature equipment. To avoid frost bite when your skin touches the inner wall of the freezer, please wear gloves when accessing the contents of the freezer.

 **WARNING**  : This product is a low-temperature equipment, with high power compressor and a condensing fan. The noise of the freezer is relatively loud. It is recommended to place the freezer away from rest areas.

 **WARNING**  : The set temperature range of this product is 14°F to -40°F. During operation, there will be difference between the temperature in the chest and the set temperature, which is a normal phenomenon. Because the temperature inside the chest can reach -40°F, it is recommended to operate at an ambient temperature of ≤90°F. When the ambient temperature is higher than 90°F, extra ventilation and heat dissipation around the freezer is required and it is recommended to use it in a room with air-conditioning.

CARE AND MAINTENANCE

Cleaning Your Freezer

- Upon installation of your new appliance, it is recommended that it be cleaned thoroughly.
- Unplug the freezer.
- Wash the inside with a damp warm cloth soaked in lukewarm water and baking soda solution.
The solution should be about 2 tablespoons of baking soda to a quart of water.
- Wash the storage basket with a mild detergent solution.
- Be sure to keep the door gasket (seal) clean to keep the unit running efficiently.
- The outside of the freezer should be cleaned with mild detergent and warm water.
- Dry the inner parts of the cabinet and exterior with a soft cloth.
- It is recommended that the unit be cleaned each time it is defrosted to help keep the unit odor free and running efficiently.
- interfere with cold air circulation, making the freezer less efficient. Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and close the door as soon as possible.

Defrosting Tips

- For most efficient operation and minimum energy consumption, defrost whenever the frost becomes 1/4" thick. Never use a sharp or metallic instrument to remove the frost, as it may damage the cooling coils. Use only a plastic scraper. Do not use boiling water as it may damage the unit.
- Remove frozen food from the freezer and place it in a cooler to protect the food.
- Turn off the machine and unplug the unit. Defrosting usually takes a few hours. To defrost faster, keep the freezer door open.
- Place a narrow defrost pan (not included) in front of the drainage hole, and gently remove the melted frost chunks outward. Water that has accumulated at the bottom of the freezer during defrosting will drain into the pan.

NOTE: Monitor the defrost pan to avoid overflow.

- When defrosting is complete, wipe the interior of the freezer with a soft cloth.
- Plug in power cord back into the electrical outlet.
- Reset the temperature control to the desired setting.
- Return the food into the freezer.

TROUBLESHOOTING GUIDE

You can solve many common freezer problems easily, saving you the cost of a possible service call.

Try the suggestions below to see if you can solve the problem before calling for service.

PROBLEM	POSSIBLE CAUSE
Freezer does not operate.	Not plugged in. The circuit breaker tripped or a blown fuse.
Compressor turns on and off frequently. Temperature inside the freezer is too warm.	The room temperature is hotter than normal. A large amount of food has been added to the freezer. The door is opened too often. The door is not closed completely. The temperature control is not set correctly. The door gasket does not seal properly. The freezer does not have the correct clearances. The freezer has recently been disconnected for a period of time. 4 hours are required for the freezer to cool down completely.
Temperature inside the freezer is too cold.	Temperature control is set too cold. Turn the control to a warmer setting and allow several hours for the temperature to stabilize.
Temperature of external freezer surface is warm.	The exterior freezer walls can be as much as 30 warmer than room temperature. This is normal while the compressor works to transfer heat from inside the freezer cabinet.
Popping or cracking sound when compressor comes on.	Metal parts undergo expansion and contraction, as in hot water pipes. This is normal. Sound will level off or disappear as freezer continues to run.
Bubbling or gurgling sound, like water boiling.	Refrigerant (used to cool freezer) is circulating throughout the system. This is normal.
Vibrations.	Check to assure that the freezer is on a level surface. Floor is uneven or weak. Freezer rocks on the floor when it is moved slightly. Be sure floor can adequately support freezer. Level the freezer by putting wood or metal shims under part of the freezer. The freezer is touching the wall. Re-level the freezer and move it from the wall.
Moisture forms on inside freezer walls.	Weather is hot and humid, which increases internal rate of frost build-up. This is normal. Door is slightly open. Door is kept open too long, or is opened too frequently. Open the door less often. The door is not sealed properly.
Moisture forms on outside of freezer.	Door is slightly open, causing cold air from inside the freezer to meet warm moist air from outside.
The door will not close properly.	The freezer is not on a level surface. The gasket is dirty. The storage basket is out of position.

ROWAN ELECTRIC APPLIANCE LLC

**8:30am–5:30pm P.S.T.
Monday to Friday**



Web: www.electacticshop.com



Email: service@electacticshop.com