

产品类别:

58制冰机 HZB-12F

包材类别:

说明书

客户型号:

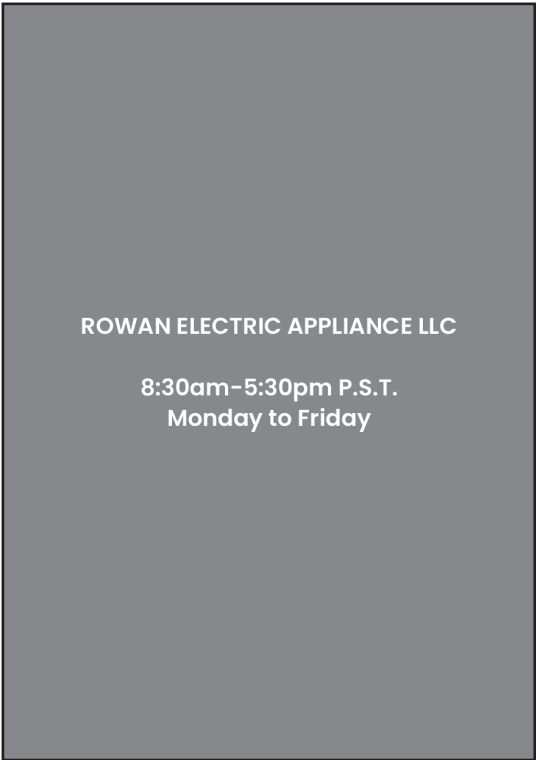
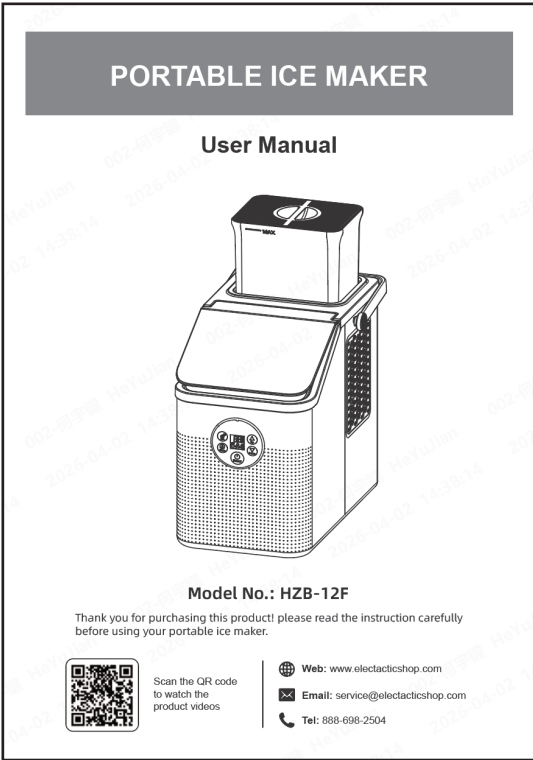
IM5812F-WHITE

设计人员/日期:

何宇键
26/24/02

更新内容:

日期:



品名	英文品名	ITEM NO.	工厂型号	SKU 13位编码	纸箱类型	要求
制冰机	PORTABLE ICE MAKER	IM5812F-WHITE	HZB-12F	5801202610682	黄箱	

技术要求:

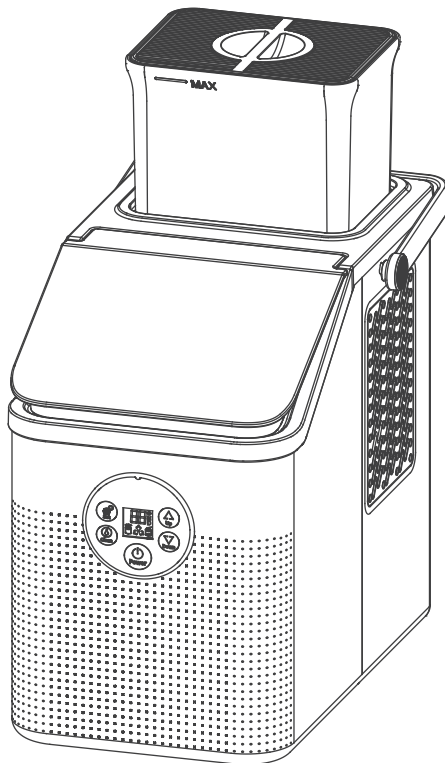
- 1. 此页为技术页，第二页开始印刷制作。
- 2. 文字图案印刷颜色：单色；
- 3. 说明书尺寸：A5；
- 4. 装订方式为：打钉，双面印刷

重点
校对项

- 1. 版面尺寸
- 2. 材质标注
- 3. 物料编码
- 4. 颜色标注
- 5. 客户型号
- 6. 产品名称
- 7. 重量标注
- 8. 电压功率
- 9. 说明书装订要求
- 10. 警告/认证标志高度
- 11. 档位、控制面板一致性

PORTABLE ICE MAKER

User Manual



Model No.: HZB-12F

Thank you for purchasing this product! please read the instruction carefully before using your portable ice maker.



Scan the QR code
to watch the
product videos



Web: www.electacticshop.com



Email: service@electacticshop.com



Tel: 888-698-2504

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SAFETY PRECAUTIONS

Your safety and the safety of others are very important. Important safety messages are provided in this manual and on the appliance. Always read and follow all safety instructions carefully.

- This is the safety alert symbol: 
- All safety messages will follow the safety alert symbol and the word “DANGER” or “WARNING”.

DANGER

WARNING

- These words mean that you can be killed or seriously injured if you don't immediately follow instructions.
- All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.
- When using electrical appliances, basic safety precautions should be followed to reduce the risk of fire, electric shock, and injury to persons or property. Read all instructions before using any appliance.
- Do not operate this, or any other appliance with a damaged cord. Connect to properly polarized outlets only. Do not plug any other appliance into the same outlet. Ensure the plug is fully inserted into the receptacle.
- The use of an extension cord is not recommended, as it may over-heat and create a fire hazard. If an extension cord is necessary, use a minimum No.14 AWG size rated at least 1875 watts.
- Unplug the ice maker before cleaning, repairing, or performing any servicing.
- Exercise caution and provide reasonable supervision when the appliance is used near children.
- Do not use your ice maker outdoors. Place the ice maker away from direct sunlight and ensure there is at least 6 inches of space between the back of the unit and the wall. Keep a minimum distance of 6 inches on each side of the unit free for ventilation.
- Do not use any liquid other than water to make ice cubes.
- Do not clean your ice maker with flammable fluids. The fumes can create a fire hazard or explosion.

SAFETY PRECAUTIONS

- Do not tip the appliance over.
- If the ice maker is brought indoors from outside in wintertime, allow it to warm up to room temperature for a few hours before plugging it in.
- **WARNING:** This appliance must be earthed (grounded).
- **DANGER – Risk of Fire or Explosion. Flammable Refrigerant Used. Do Not Use Mechanical Devices To Defrost Ice Maker. Do Not Puncture Refrigerant Tubing.**



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

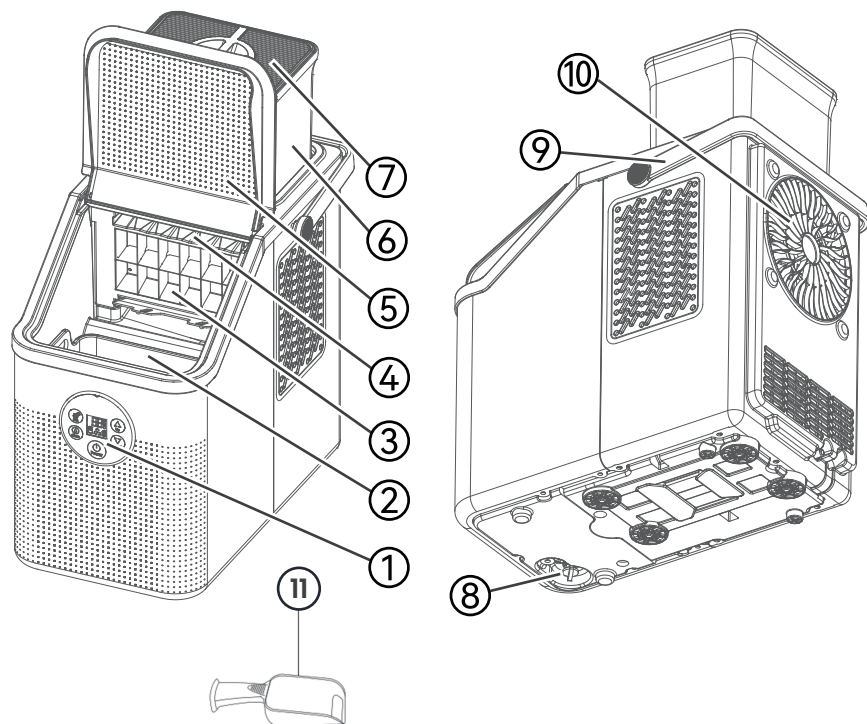
- **CAUTION – Risk of Fire or Explosion. Flammable refrigerant used. Consult the Repair Manual/Owner's Guide before attempting to install or service this product. All safety precautions must be followed.**
- **CAUTION – Risk of Fire or Explosion. Dispose of the product in accordance with federal or local regulations. Flammable refrigerant used.**
- **CAUTION – Risk of Fire or Explosion due to puncture of refrigerant tubing; follow handling instructions carefully. Flammable refrigerant used.**
- The ice maker must be installed in accordance with ASHRAE 15, the safety standard for refrigeration systems. The ice maker shall not be installed in corridors or hallways of public buildings.
- If the unit requires maintenance due to a malfunction, replace components only with like parts, and ensure servicing is performed by factory-authorized service personnel to minimize the risk of ignition caused by incorrect components or improper service.

IMPORTANT: The mains lead wires are color-coded as follows:

Green or Green with a yellow stripe	Grounding
White	Neutral
Black	Hot (Live)

- To avoid hazards due to instability, the appliance must be placed on a level or flat surface.

KNOWING YOUR UNIT



① Control Panel

② Ice basket

③ Evaporator

④ Water separator pipe

⑤ Front up cover

⑥ Water tank

⑦ Water tank cover

⑧ Water draining cap

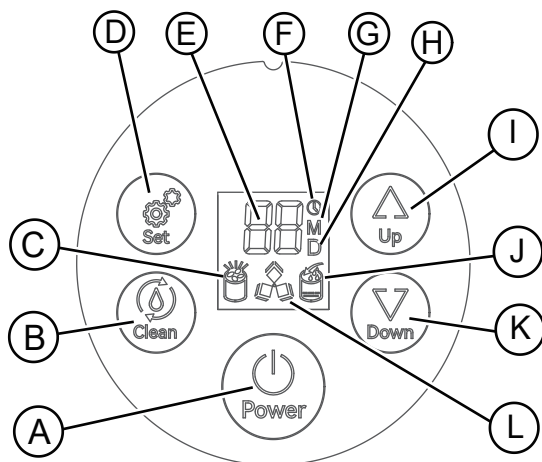
⑨ Handle

⑩ Hot air outlet

⑪ Ice scoop

KNOWING YOUR UNIT

Control Panel



Ⓐ Power button

Ⓑ Auto-clean button

Ⓒ Ice basket full indicator

Ⓓ Timer setting button

Ⓔ Digital display

The digital display shows four operating modes:

- **Ice thickness adjustment display:** When a number is shown alongside the "D" indicator, it represents the current ice thickness setting. For example, a display of "1" and "D" means the ice making cycle has been increased by 1 minute.
- **Ice making countdown display:** When a number is shown alongside the "M" indicator, it represents the remaining time until ice harvesting. For example, a display of "2" and "M" means the unit will start harvesting ice in approximately 2 minutes.
- **Timer display:** When a number is shown alongside the timer icon ⌚, it represents the scheduled startup or shutdown time.
- **Automatic cleaning countdown display:** When a number is blinking with no additional indicator on the right, it represents the remaining cleaning time. For example, if "20" is blinking, the automatic cleaning will finish in approximately 20 minutes.

KNOWING YOUR UNIT

F Timer icon

Displays the timer settings in conjunction with the digital display.

G Ice making countdown unit

Displays the ice making countdown time in conjunction with the digital display.

H Ice thickness adjustment unit

Displays the ice thickness setting in conjunction with the digital display.

I Up button

- Ice making time adjustment
 - Timer time adjustment
-

J Low water indicator

K Down button

- Ice making time adjustment
 - Timer time adjustment
-

L Ice cube indicator

BEFORE THE FIRST USE

Unpacking and Setup

1. Remove all exterior and interior packaging. Check that the ice basket and ice scoop are included. If any parts are missing, please contact our customer service.
2. Clean the interior with lukewarm water and a soft cloth.
3. Remove the ice basket and clean it thoroughly.
4. Place the ice maker on a flat, level surface, protected from direct sunlight and heat sources (e.g., stove, furnace, radiator).
5. Ensure at least 6 inches of clearance around the back and sides for ventilation.
6. Allow four hours for the refrigerant fluid to settle before plugging the ice maker into a power outlet.

WARNING: Fill the water tank with potable (drinkable) water only.

Electrical Safety

DANGER: Improper use of the grounded plug can result in electric shock. If the power cord is damaged, stop use immediately and contact our customer service.

1. This appliance must be properly grounded. The power cord is equipped with a three-prong plug that fits standard three-prong wall outlets to reduce the risk of electric shock.
2. Plug the appliance into an exclusive, properly installed, grounded wall outlet.
3. Under no circumstances should you cut or remove the third (ground) prong from the power cord. Consult a certified electrician with any questions regarding power or grounding.
4. This appliance requires a standard 110–120 Volt, 60 Hz electrical outlet with a three-prong grounded receptacle.

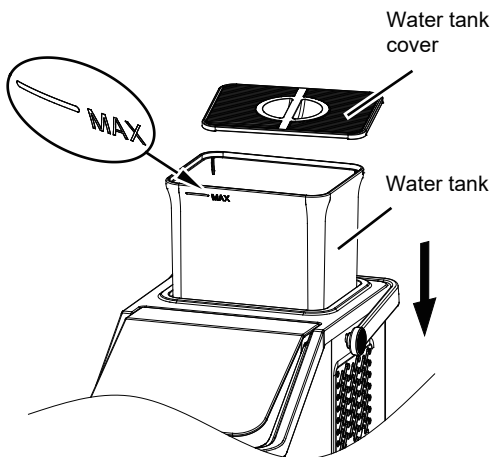
Assemble the Handle

Rotate the handle to align with the mounting hole on the machine, then attach it to the unit.

OPERATING INSTRUCTIONS

1. Adding Water to the Ice Maker

- Insert the water tank into the corresponding position on top of the unit.
- Open the water tank cover, then pour clean drinking water into the tank. Ensure the water level remains below the MAX mark.
- Close the water tank cover to prevent foreign matter from entering the tank.



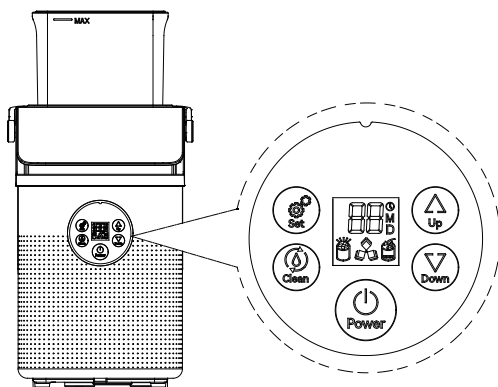
Note:

- The water temperature will affect the ice-making capacity. The lower the temperature, the more ice cubes the unit will produce.
- The cooler the ambient temperature, the more ice cubes the unit will produce.

2. Ice Making Operation

Startup

- Press the power button to turn on the unit. Once the water level reaches the standard level, the unit will begin ice making.
- The ice cube indicator , along with "0" and "D", will illuminate, indicating ice making is in progress at the default time setting.
- After several minutes, a flashing number and "M" will appear (e.g., "10" + "M" = 10 minutes remaining in the ice making cycle).



OPERATING INSTRUCTIONS

Cycle Operation

- After each ice making cycle completes, the unit will automatically harvest ice cubes, and the ice cube indicator  will flash.
- When the water level is restored, the unit will begin the next ice making cycle.
- If the water level is too low, the low water indicator  will illuminate, and the unit will stop operating. After refilling the water, you can restart the unit immediately, or it will automatically restart after approximately 15 minutes.

NOTE: Each ice making cycle lasts 10–25 minutes (max 35 minutes), varying with ambient and water temperatures. The first cycle may take longer due to higher initial water temperature.

Ice Thickness Adjustment

- Press the up or down button to set the ice making time. When a number and the symbol "D" appear on the display, the unit is in ice making time adjustment mode (default setting: "0").
- Increase ice thickness:** Press the up button once to increase the ice making time by 1 minute (maximum increase: 6 minutes). The corresponding number will appear on the display, and the resulting ice cubes will be thicker.
- Decrease ice thickness:** Press the down button once to decrease the ice making time by 1 minute (maximum decrease: 6 minutes). The corresponding number will appear on the display, and the resulting ice cubes will be thinner.

Note:

- The setting will reset to the default "0" after the unit is powered off and on again.
- Any adjustments to the ice making time will only take effect starting from the next ice making cycle.

Ice Full Condition

When the ice basket full indicator  illuminates, the unit will stop. Remove the ice cubes from the basket to resume operation.

OPERATING INSTRUCTIONS

Shutdown

Press the power button during operation to shut down the unit and enter standby mode.

NOTE: If the unit is turned off and then restarted immediately, the compressor will delay operation for 3 minutes.

3. Forced Ice Harvesting

1. While the unit is making ice, press and hold the power button for more than 5 seconds to force the unit into ice harvesting mode.
2. Press the power button again to turn off the unit.

4. Automatic Self-Cleaning Program

1. Fill the water tank with water, then plug in the unit.
2. Press and hold the auto-clean button to start the self-cleaning program (default duration: 20 minutes). A flashing "20" on the display indicates the cleaning countdown.
3. The program will end automatically after 20 minutes, and the unit will return to standby mode.
4. To cancel the program early, press the power button at any time.

5. Timed Startup / Shutdown Function

Timer Setting (Range: 1–24 hours)

- a. **Timed shutdown:** Press the timer setting button while the unit is operating. The timer display (starting at "1") and timer icon ⌚ will appear.
- b. **Timed startup:** Press the timer setting button while the unit is in standby. The timer display (starting at "1") and timer icon ⌚ will appear.
- c. Use the up/ down buttons to adjust the timer (1 hour per press). The timer icon ⌚ will flash during adjustment and solidify after 5 seconds to confirm the setting.

OPERATING INSTRUCTIONS

Example:

- "5" and ⌚ (standby) = unit will start automatically in 5 hours.
- "5" and ⌚ (operating) = unit will shut down automatically in 5 hours.

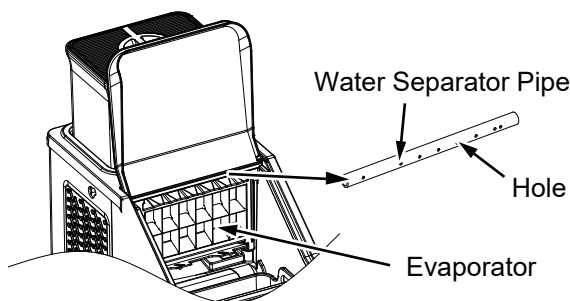
Canceling the Timer

- a. Press the timer setting button twice (the timer display and timer icon ⌚ will blink), then press the button again to cancel.
- b. Alternatively, adjust the timer setting to "0" and wait 5 seconds, or press the power button to disable the timer function directly.

CLEANING AND MAINTENANCE

Cleaning

1. To ensure cleanliness, please change the water every 24 hours and clean the inner tank and water tank every three days.
2. Clean the interior with diluted detergent, warm water, and a soft cloth.
3. Rinse the internal components with clean water, then drain the water from the draining port by removing the water drainage cap at the bottom.
4. Clean the exterior of the ice maker regularly with a mild detergent solution and warm water.
5. Dry the interior and exterior with a soft cloth.
6. If the machine will not be used for an extended period, open the water drain cap to completely drain the water from the water tank.
7. The water separator pipe and water filters must be cleaned periodically.
8. If the water separator pipe is blocked (no water flows down while the compressor and water pump are operating), clean each hole on the pipe wall as shown in following picture.



9. Clean the water tank with diluted detergent, warm water, and a soft cloth.
10. If ice cubes remain stuck on the evaporator and cannot be easily removed during cleaning:
 - a. Power on the unit to start the ice making process.
 - b. Press and hold the power button for more than 5 seconds to initiate the ice harvest process, which will melt the ice cubes for easy removal.
11. It is necessary to clean the float valve regularly during the use of the ice maker:
 - a. After removing the ice basket, locate the float valve and valve seat at the bottom of the unit (Figure 1).

CLEANING AND MAINTENANCE

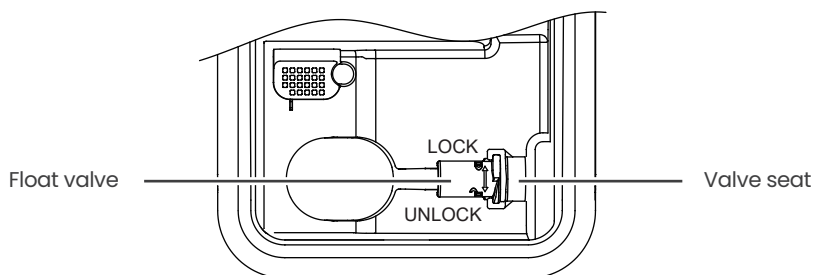


Figure 1

- b. Hold the float valve, rotate it 90 degrees clockwise, then pull it to the left to remove it from the valve seat.
- c. Add some water to the water tank to allow water to flow down from the tank and out through the valve seat.
- d. Clean the removed float valve, paying special attention to the spring and sealing plug (Figure 2).

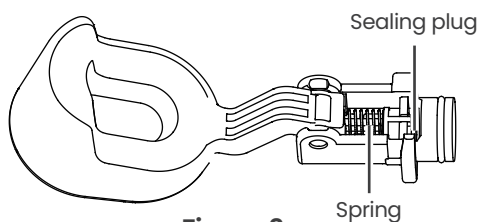


Figure 2

- e. After cleaning, reinstall the float valve into the valve seat:
 - Insert the float valve into the valve seat.
 - Rotate it 90 degrees counterclockwise until a "click" is heard, indicating it is securely installed. The float valve should be in a horizontal position.

CLEANING AND MAINTENANCE

Maintenance

1. Ensure the water tank, water filter, and water separator pipe are not blocked; clean them regularly.
2. Use only good-quality water to keep the pump operating properly. Poor-quality water may cause pump noise but will not affect the unit's operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
 Water shortage indicator is on.	Lack of water.	Turn off the unit, add water to the MAX level, then restart the unit.
 Ice full indicator is on.	Too many ice cubes in the basket.	Remove the ice cubes from the basket.
	Ice full plate is blocked.	1. Remove the ice cubes under the ice full plate to ensure it can rotate smoothly. 2. Or wait 3–6 hours until the ice cubes melt and the plate resets automatically.
Water tank has water, but water shortage indicator is on. 	Inlet solenoid valve malfunction.	Contact a qualified service technician for maintenance.
System error indicator "E" is on.	Ice making system damage.	Contact a qualified service technician for maintenance.
	Excess water in the ice basket.	Drain the water below the ice basket, then restart the unit.
Ambient temp sensor error indicator "E1" is on.	Ambient temperature sensor malfunction.	The unit will continue to operate. Please contact a qualified service technician to replace the sensor.
Water temp sensor error indicator "E2" is on.	Water temperature sensor malfunction.	The unit will continue to operate. Please contact a qualified service technician to replace the sensor.
No water in the water separator pipe.	Holes in the pipe are blocked.	Use a thin wire to clear each hole until water flows freely.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Ice cubes are too thick and will not drop.	Ice making cycle is too long.	Press the time adjustment button to reduce the ice making time.
Ice cubes are thin.	Ambient temperature is too high.	Move the unit to a cooler location.
	Water temperature is too high.	Ensure water temperature does not exceed 77°F (25°C).
	Ice making cycle is too short.	Press the Up button to increase the ice making time.
Unit runs but produces no ice cubes.	High ambient or water temperature.	Move the unit to a location where the ambient temperature is below 86°F (30°C) and fill with cool water.
	Refrigerant system leakage.	Contact a qualified service technician for maintenance.
	Refrigerant system blockage.	Contact a qualified service technician for maintenance.

ROWAN ELECTRIC APPLIANCE LLC

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