Translation of the Original Operating Instructions

Refrigerator

PVNR100R

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Warning

If the power cord of this appliance is damaged, it must be replaced by the manufacturer, its customer service department, or a similarly qualified person to avoid hazards.
Open the refrigerator as infrequently and for as short a time as possible; this helps maintain the temperature inside the refrigerator.
Never block the ventilation openings to ensure proper air circulation and cooling. Store food items with sufficient space between them; otherwise, the cooling process may be impaired.
Adjust the shelf height as needed.
If you plan to store warm food, let it cool to room temperature first before placing it in the refrigerator.
Try to minimize the time the door is open and maintain the cold temperature inside the refrigerator if the appliance is disconnected from the power supply.
During normal operation, the noise level does not exceed 70 dB(A).

☒ The appliance's climate class is 4; it is recommended to use the appliance at an ambient temperature of 16 ℃–32 ℃.

To prevent vibration, please place the appliance on a level and stable surface.

1. WARNING – Do not block the ventilation openings in the appliance's casing or in the structure of built-in cabinets.
2. WARNING – To speed up defrosting, do not use any mechanical devices or other artificial means other than those recommended by the manufacturer.
3. WARNING – Do not damage the refrigeration circuit.
4. WARNING – Do not operate any electrical appliances inside the food storage compartment that have not been approved by the manufacturer.

User Manual

Thank you for choosing our product. Please read the user manual carefully before first use to ensure proper operation and satisfactory results.

- This appliance complies with the requirements of Directive 2006/42/EC.

Contents

Transport and Proper Installation

Please handle the unit with care

First, unplug the appliance from the outlet.

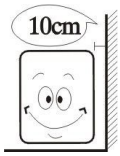
Never tilt the refrigerator more than 45 degrees during transport.

Dry Location

Always place the refrigerator in a dry location.

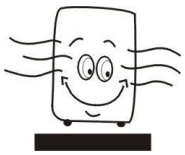
Sufficient space

The distance between both sides of the refrigerator and the back and the wall or any other surface must not be less than 10 cm. The refrigerator's performance may be reduced if there is not enough space for air circulation.



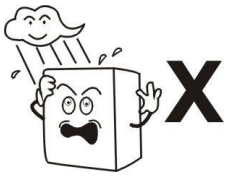
Good ventilation

Always place the refrigerator in a well-ventilated location. When using the refrigerator for the first time, let the appliance stand for 2 hours before plugging it in and turning it on.



Keep Away from Heat Sources

Never expose the refrigerator to direct sunlight. To avoid compromising the refrigerator's performance, never place it near a stove or any other heat source.

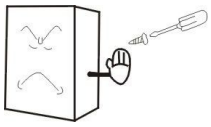


Do Not Overload

Never place heavy loads on top of the refrigerator.

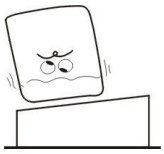
Holes:

Never drill holes in the refrigerator. Never install other appliances inside the refrigerator.



Safe Location

Place the refrigerator on a level surface to prevent noise and vibration.



Preparations Before First Use and Power Connection

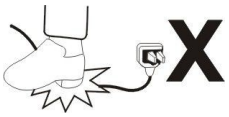
Special Outlet

Normally, the power supply should be 220–240 V, single-phase AC, with a dedicated three-prong plug (250 V, 10 A) and a fuse (6 A). The outlet must be grounded.

Power outlet

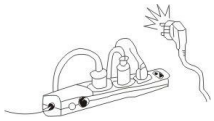
Cable

Never attempt to damage or cut the cables, as this can cause leakage and, in some cases, a fire.



Do Not Share Outlets

Never let the refrigerator share the same outlet with other appliances; otherwise, the cord may overheat and potentially cause a fire.

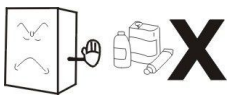


Do Not Spray with Water

Never spray the surface of the refrigerator with water; this could cause leaks.

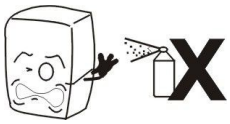
Keep the refrigerator away from flammable and explosive materials.

Never place flammable or explosive materials, such as ether, gasoline, or pure alcohol, inside the refrigerator.



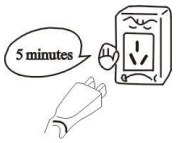
Do not spray

Spraying highly flammable paints or varnishes near the refrigerator is prohibited, as this could cause a fire.



After a Power Outage

After a power outage or after unplugging the refrigerator, always wait at least 5 minutes before plugging it back in and using it again.



No Medications

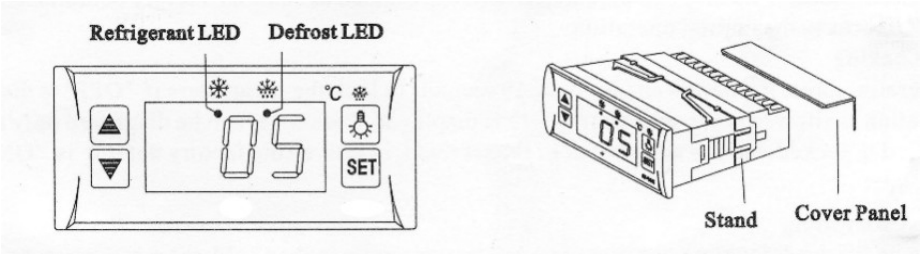
Do not store medications in the refrigerator.

Use and Helpful Tips

1. Before Use

Plug the refrigerator into a single 220–240V outlet.

After the refrigerator has started operating, place your hand over the air vent and make sure the refrigerator has begun cooling. Only then should you place food inside the refrigerator.



2. Digital Temperature Control

Functions

This is a small, non-integrated controller designed for an Hp compressor. Its main functions are: temperature display/temperature control/manual mode, automatic defrost after power-off/light/storage/self-test/saving settings.

The settings have been configured by the manufacturer; normally, the customer should not change them.

Setting the Temperature

1. Press the "Set" button to display the set temperature.

Press the " △ " button or ▽ to modify and save the displayed value.

Press the "Set" button to finish the adjustment and display the room temperature.

2. If you do not press the  within 10 seconds, the cold room temperature will be displayed.

3. Backlight: Press the button  , the light turns on; press it again, and the light turns off.

Manual defrost start/stop: Press and hold the button for 6 seconds to

start or stop defrosting.
4, Refrigerant LED: The LED turns on during cooling; when the room temperature remains constant, the LED turns off; during the start delay, the LED lights up.
5. Defrost LED: The LED turns on during defrosting; when defrosting is complete, the LED turns off; during the defrost delay, the LED lights up.

Maintenance

1. **Note:**

Keep the refrigerator clean. Regular cleaning is recommended. Unplug the refrigerator from the outlet before cleaning.
Do not use a damaged plug or a loose outlet to prevent electric shock and short circuits.
Do not spray the refrigerator with water. Do not use alkaline cleaning agents such as soap, gasoline, acetone, or a brush.

2. **Cleaning the Housing:**

Clean the appliance's exterior with a neutral cleaning agent (e.g., dish soap) and wipe it down with a dry, soft cloth.

3. **Cleaning the interior:**

Remove the shelves and clean the interior of the appliance with water. Wipe it down with a soft cloth.

4. **Turning Off the Appliance for an Extended Period**

Remove all food from the appliance and unplug it from the outlet. Clean the exterior and interior of the appliance and leave the door open to allow it to dry. The glass is fragile and should be kept out of the reach of children.

Troubleshooting

Problem	Solution
The refrigerator is not cooling at all.	- Check whether the power plug is plugged in. - Check if the fuse is damaged. - Check if there is a power outage.
Poor cooling	- Is there direct sunlight or are there heat sources nearby? - whether there is poor air circulation around the cabinet - The door is not closed properly, or the door has been open for too long. - The door gaskets are damaged or warped. - There is too little space between the food items, or there is too much food - Air intake and exhaust vents are blocked by food. - Please adjust the temperature control.
Unusual noises	- The surface beneath the cabinet is not level. - The refrigerator is touching the wall or other objects. - Parts inside the refrigerator are loose or falling off.
If the problems still cannot be resolved after checking, you should contact the manufacturer or a service center.	

Caution

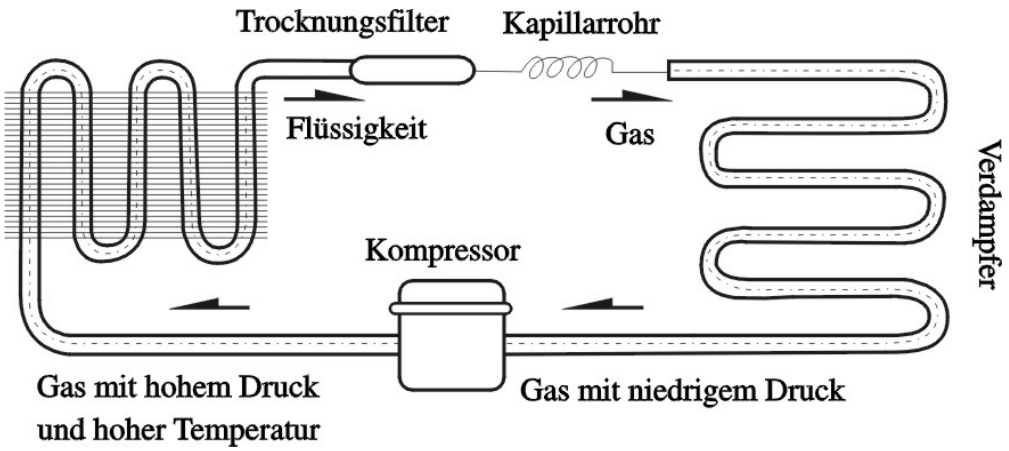
The following phenomena are not malfunctions:

- When the refrigerator is running, you may hear sounds like running water inside the unit. These are the sounds of the refrigerant flowing through the system, and this is normal.
- During seasons with high humidity, condensation may form on the refrigerator's exterior glass

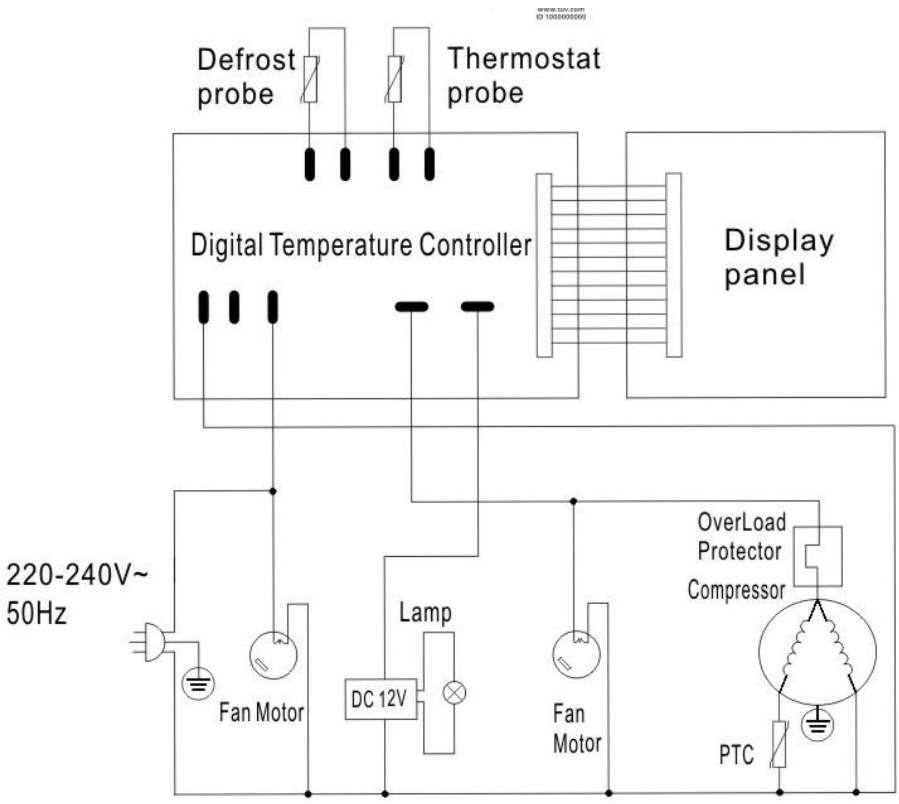
. This is caused by high humidity and is not a malfunction. Please wipe away the condensation with a dry cloth.

How the Cooling System Works

The cooling principle of a compression-type refrigerator can be described in four stages: compression, condensation, throttling, and evaporation. Compression is performed by the compressor. Condensation is performed by the condenser. Throttling is performed by the capillary tube. Evaporation is performed by the evaporator. The refrigerant circulates within the refrigerator's closed cooling system. The compressor draws in the refrigerant—which has already absorbed heat in the evaporator—and compresses it into a high-pressure, high-temperature gas. Heat is released into the air through the condenser. At the same time, the refrigerant liquefies and, due to throttling and a drop in pressure through the capillary tube, flows into the evaporator. The liquid refrigerant rapidly boils and vaporizes due to the sudden drop in pressure. At the same time, the refrigerant absorbs heat from inside the unit. The gaseous refrigerant is then drawn back into the compressor. This process is repeated to achieve the cooling objective.



Wiring Diagram



Defrost Timer: Defrost
timer Controller:
Controller
Fan motor: Fan motor
Top Lamp: Lamp
On/Off: On/Off
Overload protector: Overload protector
Compressor: Compressor

Technical Specifications

Model / Types	ARC-100B
Refrigerant and charge quantity (g)	R600a (50)
Rated Input Power (W)	210
Air conditioning type	6
Cooling temperature (℃)	2–8
Protection Class against electric shock	I
Rated voltage (V)	220–240~
Rated current (A)	1.35
Rated frequency (Hz)	50
Maximum power of the light fixture (W)	6 (LED)
Valid total volume (L)	100
Net weight	50
Gross weight	/
External dimensions (mm)	480×480×1030
Packaging dimensions (mm)	565 × 565 × 1100

Notes

1. If the wiring diagram and technical specifications are changed, the information on the refrigerator's nameplate shall prevail.
2. If the product undergoes design changes at a later date, we will not notify you separately.

The meaning of the crossed-out trash can symbol:
Do not dispose of electrical appliances with household trash; use the collection points in your municipality.
Ask your local government for the locations of these collection points.

If electrical appliances are disposed of improperly, hazardous substances can leach into the groundwater during decomposition and thus enter the food chain, or poison flora and fauna for years to come.
If you replace the appliance with a new one, the seller is legally required to accept the old one for disposal at no cost to you.

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