

HITACHI R-V470PS8K PWH

Hitachi Refrigerator R-V470PS8K PWH User Manual

Model: R-V470PS8K PWH | Brand: HITACHI

1. IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before using your new Hitachi refrigerator. Keep this manual for future reference.

- **Electrical Safety:** Ensure the refrigerator is connected to a grounded power outlet with the correct voltage (220V). Do not use extension cords.
- **Ventilation:** Allow adequate space around the refrigerator for proper ventilation to prevent overheating. Refer to the setup section for specific clearances.
- **Flammable Materials:** Do not store explosive substances or flammable materials inside or near the refrigerator.
- **Child Safety:** Supervise children to ensure they do not play with the appliance. Old refrigerators must be disposed of safely to prevent child entrapment.
- **Handling:** The appliance is heavy (90 kg). Use appropriate lifting techniques and assistance when moving.

2. PRODUCT OVERVIEW

The Hitachi R-V470PS8K PWH is a 395-liter double-door refrigerator designed for efficient food preservation. It features Inverter Technology for optimal cooling performance and energy efficiency.

2.1 Key Features

- Inverter Technology for energy-saving and powerful cooling.
- Dual Fan Cooling for independent cooling of freezer and refrigerator compartments.
- Adjustable Shelves for flexible storage options.
- Automatic Defrost system for hassle-free maintenance.
- High-quality material construction for long-lasting durability.
- Low noise operation (20 dB).

2.2 Product Components



Figure 2.2.1: Front view of the Hitachi R-V470PS8K PWH refrigerator. This image shows the sleek white exterior with two doors, the upper for the freezer and the lower for the fresh food compartment.





Figure 2.2.2: Interior view of the refrigerator. The image displays the spacious fresh food compartment with adjustable glass shelves, a crispener drawer at the bottom, and door bins for bottles and smaller items. The freezer compartment is visible at the top with its own shelving.





Figure 2.2.3: Side view of the Hitachi refrigerator, highlighting its depth and overall dimensions. The clean lines and white finish are visible from this angle.





Figure 2.2.4: Angled front-side view of the refrigerator, showing the integrated door handles and the overall compact design suitable for various kitchen layouts.

3. SETUP AND INSTALLATION

Proper setup is crucial for the optimal performance and longevity of your refrigerator.

3.1 Unpacking

- Remove all packaging materials, including tape and protective films.
- Inspect the refrigerator for any shipping damage. Report any damage immediately to your retailer.
- Keep packaging materials away from children.

3.2 Placement

- Place the refrigerator on a firm, level floor capable of supporting its weight (90 kg).
- Ensure adequate clearance around the appliance for proper air circulation. Recommended clearances: 5 cm (2 inches) at the back, 10 cm (4 inches) at the top, and 5 cm (2 inches) on the sides.
- Avoid direct sunlight or heat sources (e.g., stoves, radiators) as this will increase energy consumption.
- Do not install in areas with extreme cold temperatures, as this may affect performance.

3.3 Leveling

- Use the adjustable leveling feet at the bottom front of the refrigerator to ensure it is stable and level. This prevents vibrations and ensures proper door sealing.

3.4 Initial Cleaning

- Before plugging in, wipe the interior and exterior with a soft cloth dampened with a mild detergent solution. Dry thoroughly.

3.5 Power Connection

- Plug the power cord into a dedicated, grounded 220V AC outlet.
- Allow the refrigerator to stand for at least 2-4 hours before plugging it in to allow refrigerants to settle.
- After plugging in, allow the refrigerator to cool down for several hours (e.g., 4-6 hours) before loading food.

4. OPERATING INSTRUCTIONS

Understanding how to operate your refrigerator will help you maximize its efficiency and keep your food fresh.

4.1 Temperature Control

- The temperature controls are typically located inside the fresh food compartment or on the freezer door.
- Adjust the thermostat dial or digital controls to your desired temperature. Recommended settings are usually 3-5°C (37-41°F) for the refrigerator and -18°C (0°F) for the freezer.
- Allow 24 hours for the temperature to stabilize after making adjustments.

4.2 Storing Food

- **Fresh Food Compartment:** Ideal for fruits, vegetables (in crisper drawer), dairy products, and cooked foods.
- **Freezer Compartment:** For long-term storage of frozen foods. Ensure food is properly sealed to prevent freezer burn.
- **Adjustable Shelves:** Reposition shelves as needed to accommodate taller items.
- Do not overload the refrigerator, as this can restrict airflow and reduce cooling efficiency.

4.3 Inverter Technology

Your Hitachi refrigerator is equipped with Inverter Technology, which allows the compressor to adjust its speed according to the cooling demand. This results in more consistent temperatures, reduced energy consumption, and quieter operation compared to conventional compressors.

5. MAINTENANCE AND CARE

Regular maintenance helps ensure your refrigerator operates efficiently and extends its lifespan.

5.1 Cleaning

- **Interior:** Clean regularly with a solution of mild detergent and warm water. Rinse with clean water and dry thoroughly. Remove shelves and drawers for easier cleaning.
- **Exterior:** Wipe with a soft cloth and mild detergent. Avoid abrasive cleaners or solvents.
- **Door Gaskets:** Clean door seals with warm soapy water to ensure they remain flexible and seal properly. A damaged seal can lead to energy loss.
- **Condenser Coils:** Periodically vacuum or brush the condenser coils located at the back or bottom of the refrigerator. Dirty coils reduce efficiency. *(Note: For this model, coils are typically sealed and do not require user cleaning. Refer to professional service if unsure.)*
- Always unplug the refrigerator before cleaning.

5.2 Defrosting

This model features an **Automatic Defrost** system, meaning manual defrosting of the freezer compartment is generally not required. If excessive frost builds up, check if the door is sealing properly or if the door has been left open frequently.

5.3 Power Saving Tips

- Do not open the doors frequently or leave them open for extended periods.
- Allow hot foods to cool to room temperature before placing them in the refrigerator.
- Ensure door seals are clean and intact.
- Keep the refrigerator well-stocked but not overloaded, as a full refrigerator retains cold better.

6. TROUBLESHOOTING

Before calling for service, please check the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator does not operate.	No power supply; power cord unplugged; circuit breaker tripped.	Check power outlet; ensure cord is securely plugged in; reset circuit breaker.
Temperature is not cold enough.	Temperature setting too high; door left open; excessive food load; poor ventilation.	Adjust temperature setting lower; ensure door is closed properly; reduce food load; check clearances.
Unusual noises.	Refrigerator not level; items vibrating inside; normal operating sounds.	Level the refrigerator; rearrange items; gurgling/hissing sounds are normal refrigerant flow.
Water on floor/inside.	Drain tube clogged; excessive humidity; door not sealed.	Clear drain tube (refer to service manual if needed); ensure proper ventilation; check door seal.
Door does not close completely.	Food package blocking; door gasket dirty/damaged; refrigerator not level.	Rearrange food; clean/inspect gasket; level the refrigerator.

If the problem persists after trying these solutions, please contact customer service.

7. SPECIFICATIONS

Detailed technical specifications for your Hitachi R-V470PS8K PWH refrigerator.

Feature	Specification
Brand Name	HITACHI
Model Info	R-V470PS8K PWH
Product Dimensions	71.6 x 51 x 178 cm
Item Weight	90 kg
Capacity	13.96 Cubic Feet (395 Liters)
Annual Energy Consumption	529 Kilowatt Hours
Noise Level	20 dB
Installation Type	Freestanding
Form Factor	Double Door
Special Features	Adjustable Shelves, Inverter Technology
Color	White
Voltage	220V
Defrost System	Automatic
Number of Doors	2

Feature	Specification
Material Type	Mixed Materials
Certification	CE

8. WARRANTY AND SUPPORT

Your Hitachi R-V470PS8K PWH refrigerator comes with a **2 Years Warranty** from the date of purchase, covering manufacturing defects.

For technical support, service, or installation assistance, please contact Hitachi customer service at the following numbers:

- **Riyadh:** +966 -11- 4094006 Ext – 113
- **Jeddah:** +966- 12- 6577714
- **Dammam:** +966-13- 8343691
- **Qassim:** +966 581044198
- **Abha:** +966 593322785

Please have your model number (R-V470PS8K PWH) and purchase date ready when contacting support.

