

Hitachi RAU223HUD

Hitachi RAU223HUD Kaze Plus Split AC User Manual

Model: RAU223HUD

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Hitachi RAU223HUD Kaze Plus Split Air Conditioner. Please read this manual thoroughly before using your air conditioner and keep it for future reference. Proper use and maintenance will ensure optimal performance and extend the lifespan of your unit.

Safety Information

- Always ensure the air conditioner is installed by a qualified technician to prevent electric shock, fire, or injury.
- Do not attempt to repair or modify the unit yourself. Contact authorized service personnel for all repairs.
- Ensure the power supply matches the specifications listed on the unit's nameplate.
- Keep children away from the unit and remote control to prevent accidents.
- Do not insert fingers or objects into the air inlet/outlet.

2. PRODUCT OVERVIEW

The Hitachi RAU223HUD Kaze Plus Split AC is a 2-ton capacity air conditioning unit designed for efficient cooling. It features advanced technologies to enhance comfort and energy savings.

Key Features:

- **4-Way Air Swing:** Distributes air evenly across the room.

- **Asymmetric Louver Movement:** Optimizes airflow for enhanced comfort.
- **Auto Climate Technology:** Automatically adjusts settings for optimal comfort.
- **Auto Fan Speed:** Adjusts fan speed based on cooling requirements.
- **Auto Humid Control:** Manages humidity levels for a comfortable environment.
- **Auto Power Save Mode:** Optimizes energy consumption.
- **Auto Restart:** Automatically resumes operation with previous settings after a power outage.
- **Cool Mode:** Standard cooling operation.
- **Defrosting Sensor:** Prevents ice build-up on the outdoor unit.
- **Digilock:** Child lock feature for controls.
- **Dry Mode:** Reduces humidity in the room.
- **Filter Clean Indicator:** Notifies when filters require cleaning.
- **Kaimin:** Advanced sleep mode for comfortable night-time operation.
- **Koukin Filter:** Anti-bacterial filter for cleaner air.
- **Low Derating:** Maintains cooling capacity even at high ambient temperatures.
- **Lower Pull Down Time:** Achieves desired temperature quickly.



Image 1: The indoor unit of the Hitachi RAU223HUD Kaze Plus Split AC, showcasing its sleek design and front panel.

3. SETUP AND INSTALLATION

The Hitachi RAU223HUD is a split-system air conditioner, requiring both an indoor and an outdoor unit. Professional installation is mandatory to ensure proper functioning, safety, and warranty validity.

Included Components:

- 1 Main Indoor Unit
- 1 Outdoor Unit (typically shipped separately or installed by technician)
- Remote Control (not explicitly listed but standard)
- Warranty Card

- User Manual (this document)

Installation Guidelines (for professional installers):

- Select an appropriate location for both indoor and outdoor units, ensuring proper airflow and drainage.
 - Ensure the mounting surface is strong enough to support the unit's weight.
 - Connect refrigerant piping and electrical wiring according to local codes and the detailed installation manual provided to technicians.
 - Perform a vacuum test and check for leaks before charging with R-32 refrigerant.
 - Ensure proper grounding of the unit.
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4. OPERATING INSTRUCTIONS

Your Hitachi RAU223HUD AC can be controlled via its touch-sensitive panel or the provided remote control. Familiarize yourself with the controls for optimal use.

Basic Operation:

1. **Power On/Off:** Press the power button on the unit or remote to turn the AC on or off.
2. **Mode Selection:** Use the 'Mode' button to cycle through available modes: Cool, Dry, Fan, Auto.
3. **Temperature Adjustment:** Use the 'Temp Up' and 'Temp Down' buttons to set your desired temperature.
4. **Fan Speed:** Adjust fan speed (Low, Medium, High, Auto) using the 'Fan' button.
5. **Swing Function:** Activate the 4-way air swing for even air distribution.

Advanced Features:

- **Auto Climate:** Engages intelligent sensors to maintain optimal room conditions.
 - **Auto Power Save:** Activates energy-saving operations automatically.
 - **Kaimin (Sleep Mode):** Adjusts temperature and fan speed for comfortable sleep, gradually increasing temperature to prevent overcooling.
 - **Digilock:** Press and hold specific buttons (refer to remote control guide) to activate/deactivate the child lock feature.
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5. MAINTENANCE

Regular maintenance ensures your Hitachi AC operates efficiently and provides clean air. The 'Filter Clean Indicator' will alert you when filter cleaning is required.

Filter Cleaning:

1. Turn off the air conditioner and disconnect power.
2. Open the front panel of the indoor unit.
3. Carefully remove the air filters (including the Koukin anti-bacterial filter).

4. Clean the filters using a vacuum cleaner or wash them gently with lukewarm water and mild detergent.
5. Allow filters to dry completely in a shaded area before reinserting them.
6. Close the front panel and restore power.

General Care:

- Wipe the indoor unit's exterior with a soft, dry cloth. For stubborn stains, use a damp cloth with mild soap, then wipe dry.
- Do not use harsh chemicals, abrasive cleaners, or solvents.
- Keep the outdoor unit clear of obstructions like leaves, dirt, and debris to ensure proper airflow.
- Schedule annual professional servicing to check refrigerant levels, clean coils, and inspect electrical components.

6. TROUBLESHOOTING

Before contacting service, review the following common issues and solutions.

Problem	Possible Cause	Solution
AC does not turn on	No power, circuit breaker tripped, remote control batteries dead.	Check power supply, reset circuit breaker, replace remote batteries.
Insufficient cooling	Dirty air filters, blocked outdoor unit, low refrigerant, wrong mode.	Clean filters, clear obstructions, check mode setting. Contact service for refrigerant issues.
Filter Clean Indicator is on	Air filters are dirty.	Clean the air filters as described in the Maintenance section.
Unusual noise	Loose parts, foreign object, compressor issue.	Turn off the unit immediately and contact professional service.

If the problem persists after attempting these solutions, please contact authorized Hitachi service personnel.

7. SPECIFICATIONS

Detailed technical specifications for the Hitachi RAU223HUD Kaze Plus Split AC.

- **Brand:** Hitachi
- **Model Name:** RAU223HUD
- **Capacity:** 2 Tons
- **Cooling Power:** 6680 Watts
- **BEE Star Rating:** 2 Star
- **Annual Energy Consumption:** 100 Kilowatt Hours
- **Refrigerant:** R-32

- **Noise Level:** 43 Decibels
- **Installation Type:** Split System
- **Core Material:** Copper
- **Voltage:** 230 Volts
- **Power Source:** Corded Electric
- **Wattage:** 2160 Watts
- **Item Weight:** 61000 Grams
- **Control Method:** Touch, Button Control
- **Colour:** White
- **Special Features:** Anti Bacterial Filter
- **Floor Area Coverage:** 180 Square Feet (approx.)

8. WARRANTY AND SUPPORT

Your Hitachi RAU223HUD Kaze Plus Split AC comes with a comprehensive warranty and support from the manufacturer.

Warranty Details:

- **Product Warranty:** 1 year on the complete product.
- **Compressor Warranty:** 5 years on the compressor.

Please retain your purchase invoice and warranty card for any warranty claims. The warranty covers manufacturing defects under normal use conditions.

Legal Disclaimer:

This product is 100% genuine, brand new, and sealed in its original packaging from the company.

Manufacturer and Support:

Manufacturer: Hitachi

For service requests, technical support, or to locate an authorized service center, please refer to the contact information provided on your warranty card or visit the official Hitachi India website.