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> Hitachi Kaze Plus RAU318HUD Split AC User Manual

Hitachi RAU318HUD

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Model: RAU318HUD

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Hitachi Kaze Plus RAU318HUD Split Air Conditioner. Please read this manual thoroughly before using the appliance and keep it for future reference.



Figure 1: Hitachi Kaze Plus RAU318HUD Split AC Indoor Unit. This image shows the compact and sleek design of the indoor unit, typically mounted on a wall.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Ensure the power supply matches the specifications of the unit.
- Do not operate the AC with wet hands.
- Do not insert objects into the air outlet.
- Keep children away from the unit.
- For installation and maintenance, contact qualified service personnel.

SETUP AND INSTALLATION

The Hitachi Kaze Plus RAU318HUD is a split-system air conditioner, requiring both an indoor and an outdoor unit. Professional installation is highly recommended.

Unpacking

Carefully unpack the main unit and the warranty card. Inspect for any damage during transit. Report any damage to your dealer immediately.

Installation Guidelines

- **Location:** Choose a location for the indoor unit that allows for even air distribution and is away from direct sunlight or heat sources. The outdoor unit should be placed in a well-ventilated area, away from obstructions.
- **Mounting:** The indoor unit is wall-mounted. The outdoor unit requires a stable, level surface.
- **Electrical Connection:** The unit operates on 230 Volts. Ensure proper grounding and a dedicated circuit.
- **Refrigerant:** This unit uses R-32 refrigerant. Only qualified technicians should handle refrigerant charging and connections.

OPERATING INSTRUCTIONS

Your Hitachi Kaze Plus RAU318HUD AC is equipped with a remote control for convenient operation and features automatic functions for enhanced comfort.

Remote Control Functions

The unit is controlled via a remote control. Refer to the remote control's specific manual for detailed button functions. Common functions include:

- **Power On/Off:** To start or stop the unit.
- **Mode Selection:** Switch between cooling, fan, and other available modes.
- **Temperature Adjustment:** Set desired room temperature.
- **Fan Speed:** Adjust fan speed (Auto, Low, Medium, High).
- **Swing Function:** Control the louver movement for air direction.

Automatic Functions

- **Auto Climate Technology:** Automatically adjusts settings for optimal comfort based on ambient conditions.
- **Auto Fan Speed:** The unit automatically selects the appropriate fan speed.
- **Auto Power Safe:** Optimizes power consumption.
- **Auto Restart:** The unit restarts with previous settings after a power outage.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air conditioner.

Filter Cleaning

- Your unit features a **Koukin filter** and a **filter clean indicator**.
- When the filter clean indicator illuminates, it's time to clean the air filters.
- Turn off the unit and disconnect power before cleaning.
- Open the front panel of the indoor unit and carefully remove the filters.
- Clean filters with a vacuum cleaner or wash them gently with lukewarm water. Allow them to dry completely before reinserting.

General Cleaning

- Wipe the indoor unit's exterior with a soft, dry cloth. Do not use harsh detergents or abrasive cleaners.
- Ensure the outdoor unit's coils are free from debris and obstructions.

For deep cleaning or internal component maintenance, contact authorized Hitachi service personnel.

TROUBLESHOOTING

Before contacting service, please check the following common issues:

Problem	Possible Cause	Solution
Unit does not start	No power supply; Remote control batteries low; Circuit breaker tripped.	Check power connection; Replace remote batteries; Reset circuit breaker.
Insufficient cooling	Dirty air filters; Doors/windows open; Temperature setting too high; Obstruction at air inlet/outlet.	Clean air filters; Close doors/windows; Lower temperature setting; Remove obstructions.
Unusual noise	Loose parts; Unit not level; Obstruction in fan.	Contact service if persistent; Ensure unit is level; Check for obstructions.
Water leakage	Clogged drain pipe; Improper installation.	Contact qualified service personnel.

If the problem persists after attempting these solutions, please contact Hitachi customer support.

PRODUCT SPECIFICATIONS

Model Name	RAU318HUD
Brand	Hitachi
Type	Non Inverter Split AC
Capacity	1.5 Tons
Energy Rating	1 Star (BEE Star Rating)
Cooling Power	5362 Watts
Wattage	1630 Watts
Noise Level	43 Decibels
Refrigerant	R-32

Compressor Type	Rotary Scroll
Core Material	Copper
Voltage	230 Volts
Control Method	Touch, Remote Control
Special Features	Anti Bacterial Filter, Koukin filter, Filter Clean Indicator, Auto Climate Technology, Auto Fan Speed, Auto Power Safe, Auto Restart
Included Components	1 Main unit, Warranty card
Item Weight	52900 Grams
Recommended Floor Area	130 Square Feet

WARRANTY AND SUPPORT

Your Hitachi Kaze Plus RAU318HUD Split AC comes with a comprehensive warranty:

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

Please retain your purchase receipt and the included warranty card for any warranty claims. For service requests, technical assistance, or to locate an authorized service center, please contact Hitachi customer support through their official website or helpline.