

[Manuals.plus](#) /

> [Hitachi](#) /

> Hitachi RAU312HUD Kaze Plus Split AC User Manual

## Hitachi RAU312HUD

# Hitachi RAU312HUD Kaze Plus Split AC User Manual

Model: RAU312HUD

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Hitachi RAU312HUD Kaze Plus Split Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Hitachi RAU312HUD is a 1 Ton, 3 Star rated split AC unit designed for effective cooling and comfort in residential environments.



Image 1.1: Hitachi RAU312HUD Kaze Plus Split AC Indoor Unit. This image displays the white indoor unit of the Hitachi Kaze Plus Split AC, featuring the Hitachi logo centrally and an energy rating sticker on the left side.

## 2. SAFETY INFORMATION

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Ensure the air conditioner is installed by a qualified technician.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Do not operate the air conditioner with wet hands.

- Do not block the air flow of the indoor or outdoor unit.
- Turn off the power supply before cleaning or performing any maintenance.
- Keep children away from the unit.
- Do not attempt to repair the unit yourself. Contact authorized service personnel.

### 3. PRODUCT OVERVIEW AND FEATURES

---

The Hitachi RAU312HUD Kaze Plus Split AC incorporates several features designed for enhanced comfort and efficiency:

- **Capacity:** 1 Ton
- **Energy Rating:** 3 Star
- **Air Swing:** 4-way air swing for uniform air distribution.
- **Louver Movement:** Asymmetric louver movement for flexible air dispersion.
- **Auto Climate Technology:** Adjusts temperature settings based on climatic data.
- **Auto Fan Speed:** Automatically adjusts fan speed for optimal comfort.
- **Auto Humid Control:** Manages humidity levels in the room.
- **Auto Power Save Mode:** Optimizes power consumption.
- **Auto Restart:** Automatically resumes operation after a power outage.
- **Cool Mode:** Standard cooling operation.
- **Defrosting Sensor:** Helps maintain consistent room temperature.
- **Digilock:** Digital lock feature.
- **Dry Mode:** Reduces humidity in the room.
- **Filter Clean Indicator:** Notifies when filter cleaning is due.
- **Kaimin:** Sleep mode for comfortable night-time operation.
- **Koukin Filter:** Advanced air filtration.
- **Lower Pull Down Time:** Achieves desired temperature quickly.

### 4. SETUP AND INSTALLATION

---

The Hitachi RAU312HUD is a split-system air conditioner, requiring both an indoor and an outdoor unit. Professional installation is mandatory to ensure proper functioning and safety.

#### 4.1. Pre-Installation Checks

- Ensure the installation site has adequate space for both indoor and outdoor units.
- Verify that the power supply meets the unit's requirements (230 Volts).
- Confirm proper drainage for the indoor unit.

#### 4.2. Professional Installation

Contact an authorized Hitachi service center or a certified HVAC technician for installation. Improper installation can lead to reduced performance, energy inefficiency, and potential safety hazards, and may void the product warranty.

## 5. OPERATING INSTRUCTIONS

---

The air conditioner is operated using the provided remote control. Familiarize yourself with the remote control functions for optimal use.

### 5.1. Basic Operation Modes

- **Cool Mode:** Press the MODE button until 'Cool' is displayed. Adjust the temperature using the temperature up/down buttons.
- **Dry Mode:** Select 'Dry' mode to reduce humidity. The fan speed is automatically controlled in this mode.
- **Auto Mode (Auto Climate Technology):** The unit automatically selects the appropriate operating mode (Cool, Dry, Fan) and temperature based on the room conditions and pre-programmed climatic data.
- **Fan Mode:** Circulates air without cooling or heating. Adjust fan speed as desired.

### 5.2. Advanced Features

- **4-Way Air Swing:** Activates automatic horizontal and vertical louver movement for widespread air distribution.
- **Kaimin (Sleep Mode):** Optimizes temperature and fan speed for comfortable sleep, gradually increasing the temperature over time.
- **Auto Power Save Mode:** Engages energy-saving operation while maintaining comfort.
- **Auto Restart:** If power is interrupted, the unit will automatically restart with the previous settings once power is restored.
- **Digilock:** Refer to your remote control manual for instructions on activating and deactivating the digital lock feature.

## 6. MAINTENANCE

---

Regular maintenance ensures optimal performance and longevity of your air conditioner. Always turn off the power supply before performing any maintenance.

### 6.1. Air Filter Cleaning

- The **Filter Clean Indicator** will illuminate when the air filters require cleaning.
- Open the front panel of the indoor unit.
- Remove the air filters.
- Clean the filters using a vacuum cleaner or wash them with lukewarm water and a mild detergent.
- Allow the filters to dry completely in a shaded area before reinstalling them.
- Reinstall the filters and close the front panel.

### 6.2. General Cleaning

- Wipe the indoor unit's exterior with a soft, dry cloth. For stubborn dirt, use a damp cloth with a neutral detergent, then wipe dry.
- Do not use harsh chemicals, abrasive cleaners, or hot water.
- Ensure the outdoor unit is free from obstructions like leaves or debris.

## 7. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Unit does not operate	No power supply; circuit breaker tripped; remote control batteries depleted.	Check power connection; reset circuit breaker; replace remote control batteries.
Insufficient cooling	Dirty air filters; blocked air intake/outlet; room too large; windows/doors open.	Clean air filters; remove obstructions; ensure proper room size; close windows/doors.
Unusual noise	Loose parts; unit not level; foreign object inside.	Check for loose parts; ensure unit is level; contact service if noise persists.
Water leakage from indoor unit	Clogged drain pipe; improper installation.	Clear drain pipe; contact installer for inspection.

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

## 8. SPECIFICATIONS

Specification	Detail
Brand	Hitachi
Model Name/Number	RAU312HUD
Capacity	1 Ton
Cooling Power	3517 Watts
BEE Star Rating	3 Star
Voltage	230 Volts
Wattage	1070 Watts
Core Material	Copper
Installation Type	Split System
Item Weight	106.26 Pounds (approx. 48.2 kg)
Colour	White
Controller Type	Remote Control
Recommended Floor Area	120 Square Feet

## 9. WARRANTY AND SUPPORT

Your Hitachi RAU312HUD Kaze Plus Split AC comes with the following warranty:

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

For warranty claims, technical support, or service requests, please contact your authorized Hitachi service center. Ensure you have your purchase receipt and product model number (RAU312HUD) available when contacting support.

Manufacturer: Hitachi