

Hitachi RAS.V518PCDIBM1

Hitachi 1.5 Ton 5 Star Inverter Split AC User Manual

Model: RAS.V518PCDIBM1

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Hitachi 1.5 Ton 5 Star Inverter Split AC. Please read it thoroughly before using the appliance and keep it for future reference. This air conditioner features an Inverter Compressor, Wi-Fi connectivity, 4-Way Swing, Hybrid Convertible technology, Ice Clean cooling, and an Anti-bacterial Mesh Filter.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the unit:

- Ensure the unit is installed by qualified personnel in accordance with local and national electrical codes.
- Do not operate the AC with wet hands or when standing on a wet surface.
- Do not insert objects into the air outlet or inlet.
- Turn off the power supply before cleaning or performing any maintenance.
- Keep children away from the unit and remote control.
- The outdoor unit is equipped with a SafeGuard system to protect against extreme weather, voltage fluctuations, and pests.

3. SETUP AND INSTALLATION

Professional installation is required for this split air conditioning system. The package includes one Indoor Unit, one Outdoor Unit, an Inter Connecting Copper Pipe of 3m length, and a Remote.

3.1 Unit Dimensions

Refer to the diagram below for the dimensions of the indoor and outdoor units.



Image: Indoor and Outdoor Unit Dimensions. The indoor unit measures 105cm (W) x 29.4cm (H) x 25cm (D). The outdoor unit measures 80cm (W) x 64cm (H) x 29.8cm (D).

3.2 Wi-Fi Setup (airCloud Go)

Your AC features built-in Wi-Fi technology for smart control. Download the 'airCloud Go' app on your smartphone and follow the in-app instructions to connect your AC to your home Wi-Fi network. This enables remote control, energy tracking, and voice control capabilities.

4. OPERATING INSTRUCTIONS

Operate your AC using the provided remote control or the airCloud Go mobile application.

4.1 Basic Operation

- **Power On/Off:** Press the power button on the remote or in the app.
- **Mode Selection:** Select 'Cooling' mode for optimal performance.
- **Temperature Adjustment:** Use the temperature up/down buttons to set your desired temperature. Note: The indoor unit does not have a temperature display; refer to the remote or app.

4.2 Advanced Features

- **4-Way Swing:** Activates automatic horizontal and vertical air movement for uniform cooling.
- **Hybrid Convertible & Xpandable Plus Technology:** Allows flexible cooling performance and can achieve up to 112% cooling capacity under changing conditions.
- **Octa Sensor Technology:** Eight sensors work together for precise control, optimal cooling, and reliable operation by monitoring voltage, fluctuations, and other abnormalities.
- **Long Air Throw:** Delivers air up to 24 meters for effective cooling across large rooms.
- **Silent Air:** Wave Blade Design ensures smooth and noise-reduced airflow, operating at a low noise level of 37 dBA.



Image: Air distribution with 4-Way Swing and Long Air Throw. This feature ensures uniform and faster cooling throughout the room.

4.3 Smart Control with airCloud Go

The airCloud Go app provides enhanced control and monitoring:

- **Energy Tracker:** Monitor daily, weekly, monthly, or annual energy consumption and set budget limits.
- **Voice Control:** Integrate with smart home assistants like Google Home or Alexa for hands-free operation.
- **Smart Fence:** Automatically turn your AC on/off based on your proximity to home.
- **Remote Activation of FrostWash:** Initiate the Ice Clean function remotely.
- **Support:** Receive error codes and connect with service providers directly through the app.



Image: airCloud Go app interface showing Energy Tracker, Voice Control, and Smart Fence features for smart AC management.

5. MAINTENANCE

Regular maintenance ensures optimal performance and air quality.

5.1 Filter Cleaning

The AC is equipped with an Anti-bacterial Mesh Filter and a Filter Clean Indicator. When the indicator lights up, it's time to clean the filter.

- Turn off the AC and disconnect power.

- Open the front panel of the indoor unit.
- Remove the air filters.
- Clean the filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
- Allow filters to dry completely before reinserting.
- Close the front panel.

EEV Precision Cool Technology

Monitors cooling demand & adjusts refrigerant flow for higher performance

- Precise refrigerant control for superior comfort & safety
- Faster cooling response than conventional ACs

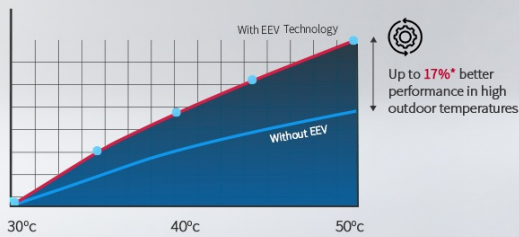


Image: Illustration of the easy-to-clean superfine mesh filter and the filter clean indicator, which prompts users for timely cleaning.

5.2 Ice Clean (Frost Wash Technology)

This feature automatically cleans the indoor unit coil to remove dust, mold, and bacteria, ensuring odour-free and clean air. It operates in four stages:

1. **Dust:** Dust accumulates on the coil.
2. **Freeze:** Frost is created on the IDU coil.
3. **Melt:** The frost melts, washing away dust, mold, and bacteria.
4. **Dry:** The blower runs to dry the coil, preventing residue.

iceClean

Powered by FrostWash Technology

3X
better at maintaining
airflow performance

Removes		
Viruses*	Mold*	Bacteria*
99%	95%	99%

*T&C apply, refer to the website

Image: Visual representation of the Ice Clean (Frost Wash Technology) process, showing how it removes viruses, mold, and bacteria from the AC coil.

6. TROUBLESHOOTING

If you encounter issues, refer to the following common solutions before contacting customer support:

- **AC not turning on:** Check power supply, circuit breaker, and remote control batteries.
- **Insufficient cooling:** Ensure filters are clean, doors/windows are closed, and temperature setting is appropriate.
- **Unusual noises:** Minor sounds during operation are normal. If loud or persistent, contact service.
- **Filter Clean Indicator:** Clean the air filters as described in Section 5.1.

For persistent problems or error codes displayed on the app, contact Hitachi customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Hitachi
Model Number	RAS.V518PCDIBM1
Capacity	1.5 tons
Cooling Power	17060 British Thermal Units
BEE Star Rating	5 Star
Annual Energy Consumption	690.72 Kilowatt Hours
Seasonal Energy Efficiency Ratio (SEER)	5.6
Noise Level	37 Decibels
Refrigerant	R-32 (Environmental Friendly)
Filter Type	Pre-Filter (Anti-bacterial Mesh Filter)
Inverter Type	Has Inverter
Voltage	230 Volts
Wattage	1275 Watts
Product Dimensions (IDU)	25D x 105W x 29.4H Centimeters
Item Weight (Total)	42900 Grams
Control Method	Remote Control, Wi-Fi App
Special Features	4 Way Swing, Hybrid Convertible, Ice Clean Cooling, Octa Sensor, WiFi Enabled
Condenser Coil	100% Copper with Nano Tech Ultra coating
Operating Temperature	Efficient cooling up to 54°C

8. WARRANTY INFORMATION

Your Hitachi AC comes with the following warranty:

- **Standard Warranty:** 1 year comprehensive warranty.
- **Compressor Warranty:** 10 years warranty on the inverter compressor.
- **Extended Warranty Option:** An additional 4 years beyond the standard warranty (total 5 years comprehensive) is available for purchase at ₹299+GST. This extended warranty covers parts only. The 1st year includes 2 Wet & 2 Dry services with free gas charging for compressor/coil issues. From the 2nd to 5th year, parts are covered; visit and labor charges apply.

Warranty claims require the Amazon Invoice.



Image: Overview of the 5 Years Comprehensive Warranty, highlighting gas charging, wet services, dry services, and priority access.

9. SUPPORT AND CONTACT

For any queries, service requests, or technical assistance, please contact Hitachi customer care:

- **Customer Care Number:** 7567884848
- **Email:** customercare@jci-hitachi.com
- **Manufacturer Address:** Bosch Home Comfort India Ltd, Hitachi Complex, Karannagar, Kadi. Dist. Mehsana- 382715. Gujarat. India.