



Manuals.plus /

› Hitachi /

› Hitachi Toshi 1.5 TR 3 Star 3200XL Split Air Conditioner User Manual (Model RAK/RAS.E318PCAIBW)

Hitachi RAK/RAS.E318PCAIBW

Hitachi Toshi 1.5 TR 3 Star 3200XL Split Air Conditioner User Manual

Model: RAK/RAS.E318PCAIBW

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Hitachi Toshi 1.5 TR 3 Star 3200XL Split Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

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.

- Installation must be performed by qualified personnel only.
- Ensure the power supply matches the rating label.
- Do not insert fingers or objects into the air inlet/outlet.
- Do not attempt to repair the unit yourself. Contact authorized service personnel.
- Keep the remote control out of reach of children.
- Ensure proper ventilation when using the unit in a small room.

3. PRODUCT OVERVIEW

The Hitachi Toshi 1.5 TR Split Air Conditioner is designed to provide efficient cooling for rooms up to 170 sq. ft. It features an inverter compressor for variable speed operation, adjusting power based on heat load. The unit incorporates advanced turbo cooling for rapid temperature reduction and a sleep mode for enhanced nighttime comfort.

Key Features:

- **Expandable AC:** Expands capacity in adverse temperature conditions, reduces humidity, and achieves set temperature faster.
- **Inverter Compressor:** Variable speed compressor for energy efficiency.

- **Sleep Mode:** Optimizes cooling for comfortable sleep.
- **Error Code System:** Assists in diagnosing and resolving issues.
- **3 Star Energy Rating:** High efficiency as per BEE guidelines (ISEER Value: 5.02).
- **Copper Condenser Coil:** Ensures better cooling and requires low maintenance.
- **Eco-Friendly Refrigerant:** Uses R-32 refrigerant.
- **Silent Air:** Features a big blower with wave blade design to reduce air cutting noise.

Hitachi Indoor & Outdoor Units

The indoor unit is shown with a width of 95cm. The outdoor unit is shown with a width of 75cm and a height of 75cm. A remote control is also displayed next to the outdoor unit.

- ✓ High Energy Efficiency
- ✓ Powerful & Fast Cooling
- ✓ Low Noise Operation
- ✓ Durable & Reliable Performance

POWER SAVINGS GUIDE

ENERGY EFFICIENCY
ISEER - 3.32*

Label Period: 1-July 3022 - 31st-Dec 2025

Energy Provider	: SCFD MFL
Model	: S17A/C/H1
Manufacturer	: 29215 12235 PHACE (W)
Energy Consumption (EER)	: 33000 1111 W
Cooling Capacity (kW)	: 22933 06 W
Particulars (W) Centumera (W)	: 181932 01 USCIG A-18C28
Energy Source	: YVM80k Seec23
Rating	: BEB

ENERGY BILT
24 BASHI, OS

STAY COOL & SAVE ON BILLS!

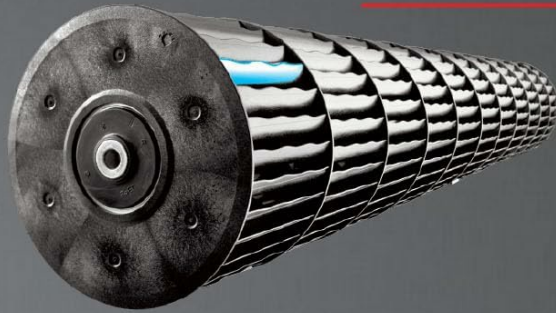
ENERGY EFFICIENT

POWER SAVER

This image displays the Hitachi split air conditioner's indoor and outdoor units, including their approximate dimensions and the energy efficiency label. The indoor unit measures approximately 95cm in width, 29.4cm in height, and 23.5cm in depth. The outdoor unit measures approximately 75cm in width, 55cm in height, and 29cm in depth. The energy label indicates an ISEER of 3.32*.

Silent air

Big blower+ Wave blade design



Reduces
air cutting noise



This image highlights the silent air technology of the Hitachi air conditioner, featuring a large blower with a wave blade design. This design is engineered to reduce air cutting noise, contributing to quieter operation.

4. SETUP

4.1 Components

- Indoor Unit
- Outdoor Unit
- Remote Control
- User Manual
- Installation Kit (connecting pipes, wires, etc. - may be sold separately)

4.2 Installation

Installation of this split air conditioner requires specialized tools and knowledge. It is strongly recommended that you contact an authorized Hitachi service center or a qualified technician for professional installation to ensure proper functioning and safety.

Improper installation can lead to water leakage, electric shock, fire, or other hazards.

Ensure the installation site is structurally sound to support the weight of both indoor and outdoor units. The outdoor unit should be placed in a location with good airflow and away from direct sunlight or heat sources.

5. OPERATING INSTRUCTIONS

5.1 Remote Control Functions

The air conditioner is operated using the provided LCD remote control. Ensure batteries are correctly inserted. Point the remote control towards the indoor unit when operating.

5.2 Operating Modes

- **Auto Mode:** The unit automatically selects the operating mode (Cool, Fan, Dry) based on the room temperature.
- **Cool Mode:** Provides cooling. Adjust temperature using the temperature buttons.
- **Fan Mode:** Circulates air without cooling. Fan speed can be adjusted.
- **Dry Mode:** Reduces humidity in the room.
- **Sleep Mode:** Automatically adjusts temperature and fan speed for comfortable sleep and energy saving.

5.3 Temperature and Fan Speed Adjustment

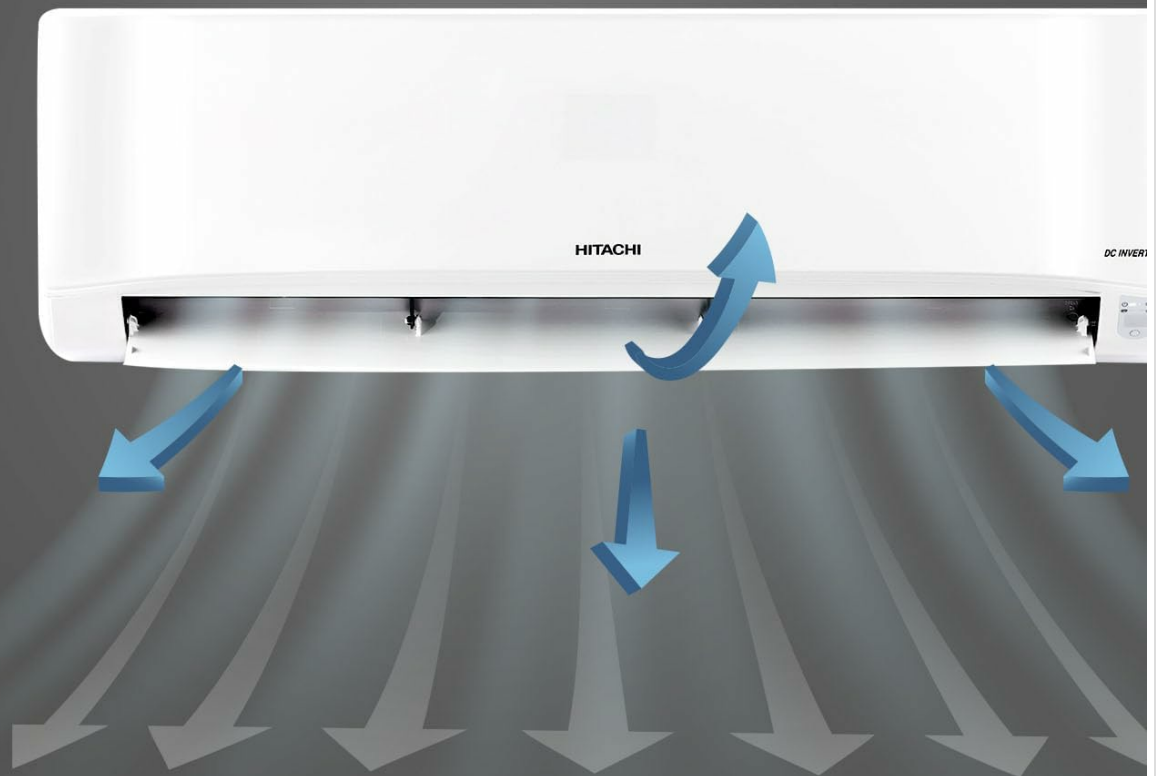
Use the 'Temp Up' and 'Temp Down' buttons on the remote control to set your desired temperature. The fan speed can be adjusted (Low, Medium, High, Auto) using the 'Fan Speed' button.

5.4 Air Swing Function

The unit features a 4-way air swing function for better air dispersion. Press the 'Swing' button on the remote control to activate or adjust the horizontal and vertical airflow direction.

4 Way Swing

Better precision to disperse air to every nook and corner.



This image illustrates the 4-way air swing feature of the Hitachi air conditioner. Arrows indicate how the air is dispersed in multiple directions (up, down, left, and right) from the indoor unit, ensuring even cooling throughout the room.

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

Clean the air filters every two weeks or more frequently if the unit is used often or in a dusty environment. Dirty filters can reduce cooling efficiency and airflow.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Wash the filters with lukewarm water and a mild detergent.
4. Rinse thoroughly and allow them to dry completely in a shaded area before reinserting.

6.2 Outdoor Unit Cleaning

Periodically check the outdoor unit for any obstructions (leaves, dust, debris) around the condenser coils. Gently clean with a soft brush or vacuum cleaner. Do not use strong chemicals or high-pressure water directly on the coils.

6.3 Seasonal Checks

Before the cooling season, ensure all connections are secure and there are no unusual noises during operation. Consider scheduling a professional service check annually.

7. TROUBLESHOOTING

If you encounter issues with your air conditioner, refer to the table below for common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Unit does not start	No power; Remote control batteries low; Circuit breaker tripped	Check power supply; Replace batteries; Reset circuit breaker
Insufficient cooling	Dirty air filters; Blocked outdoor unit; Temperature setting too high; Room too large	Clean air filters; Clear obstructions; Lower temperature; Ensure room size is within capacity
Unusual noise	Loose parts; Obstruction in fan; Unit not level	Check for loose parts; Remove obstructions; Ensure unit is level (professional check recommended)
Water leakage	Clogged drain pipe; Improper installation	Clear drain pipe; Contact service for inspection
Error Code Displayed	Internal malfunction	Note the error code and contact customer support for diagnosis.

8. SPECIFICATIONS

Feature	Specification
Brand	Hitachi
Model Name	RAK/RAS.E318PCAIBW
Capacity	1.5 Tons
Energy Rating	3 Star (BEE guidelines)
Annual Energy Consumption	813.13 Units Per Year
ISEER Value	5.02
Refrigerant	R-32
Noise Level	40 Decibels
Installation Type	Split System
Voltage	230 Volts
Wattage	1385 KW
Product Dimensions (Indoor Unit)	86.9D x 21.1W x 29H Centimeters
Control Method	Remote Control
Condenser Coil	Copper

9. WARRANTY INFORMATION

Your Hitachi Air Conditioner comes with a limited warranty. The manufacturer provides a 1-year comprehensive warranty on the product, 10 years on the compressor, and 5 years on the PCB/Controller.

Please retain your purchase receipt as proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized repairs.

10. SUPPORT

For technical assistance, service requests, or any inquiries regarding your Hitachi Air Conditioner, please contact Hitachi customer support. Refer to the official Hitachi website or your purchase documentation for the most current contact information.

Online Support: Visit the official Hitachi India website for FAQs, service center locators, and online support forms.

Customer Service Hotline: Check your warranty card or the Hitachi website for the customer service telephone number.