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> Hitachi 1.5 Ton 3 Star Inverter Split AC (RAS.G318PHDIST) User Manual

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Model: RAS.G318PHDIST

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Hitachi 1.5 Ton 3 Star Inverter Split AC, model RAS.G318PHDIST. This unit features an inverter compressor for energy efficiency, hot and cold functionality for year-round comfort, a Smart View Display, 4-Way Swing for uniform air distribution, and Ice Clean Cooling technology for improved air quality. Please read this manual thoroughly before using the appliance and retain it for future reference.

Xpandable+ technology

The Xpandable+ inverter responds to changing conditions to ensure perfect cooling



112% Cooling capacity*



*For More information refer to the website

Overview of key technologies including Hot & Cold functionality, Nano Tech Ultra Coating, SmartView Display, and Octa Sensor Technology.

SETUP AND INSTALLATION

The installation of this air conditioning unit requires professional expertise. Ensure that installation is performed by qualified technicians to guarantee proper functioning and safety. The package includes one indoor unit, one outdoor unit, an interconnecting copper pipe (3m length), and a remote control.

Unit Dimensions and Weight

- **Indoor Unit (IDU):** 95 cm (width) x 29.4 cm (height) x 23.5 cm (depth)
- **Outdoor Unit (ODU):** 80 cm (width) x 64 cm (height) x 29.8 cm (depth)
- **IDU Weight:** 10 Kg
- **ODU Weight:** 32 Kg

3 in 1

SmartView Display



0.5 °C temperature precision

Smart alerts for first-time-right service

Adjustable brightness

Visual representation of the indoor and outdoor units with their respective dimensions and an energy efficiency guide.

OPERATING INSTRUCTIONS

Your Hitachi AC is designed for user-friendly operation via the included remote control. Familiarize yourself with the remote's functions for optimal use.

Modes of Operation

- **Cooling Mode:** Provides efficient cooling for warmer conditions.
- **Heating Mode:** Delivers warm air for colder conditions, operating effectively between -15°C to 54°C ambient temperatures.
- **Fan Mode:** Circulates air without cooling or heating.
- **Dry Mode:** Reduces humidity in the room.

Built-in wet wash

ice Clean

Powered by FrostWash technology

Removes

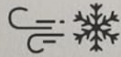
Viruses*
99%

Bacteria*
99%

Mold*
95%



Dust > Freeze > Melt > Clean



Better airflow
performance



Clean & odour
free air

The Hot & Cold feature allows the AC to provide both warm and cool air, adapting to seasonal changes.

Key Features for Enhanced Comfort

- **Smart View Display:** Provides real-time temperature readings with 0.5°C precision, smart alerts for service, and adjustable brightness.
- **4-Way Swing:** Ensures uniform air distribution by moving air horizontally and vertically, reaching every corner of the room.
- **Xpandable Plus Technology:** The inverter intelligently adjusts to changing conditions, providing flexible cooling and heating performance, potentially increasing cooling capacity up to 112%.
- **Octa Sensor Technology:** Advanced sensors for intelligent cooling and heating optimization.
- **Silent Air with Wave Blade Design:** Engineered for smooth and noise-reduced airflow, operating at a low noise level of 40 dBA.



The SmartView Display offers precise temperature control and smart alerts.

X **pandable⁺**
technology

ice Clean
Powered by FrostWash Technology



Hot & Cold
-15°C to 54°C



Nano Tech
Ultra Coating

3in1

SmartView Display



OCTA Sensor
Technology

**Cool, Clean,
Comfort air**

The 4-Way Swing feature ensures comprehensive air distribution for uniform cooling and heating.



Xpandable+ Technology dynamically adjusts the AC's performance for optimal comfort.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your air conditioner. Follow these guidelines for proper care.

Ice Clean (Frost Wash Technology)

The Ice Clean feature automatically cleans the indoor unit coil by freezing and then melting the frost, washing away dust, mold, viruses, and bacteria. This process helps maintain hygienic and odor-free air, and improves airflow performance.

—
air that reaches
every corner

Long air throw

Upto 24m* airflow

4 Way Swing

Moves air both horizontally & vertically



Uniform &
faster cooling

The Ice Clean function performs a built-in wet wash to ensure clean and fresh air.

Filter Maintenance

- **Pre-Filter & Anti-Bacterial Mesh Filter:** Regularly clean these filters to prevent dust accumulation and maintain air quality. Refer to the detailed instructions in the full manual for cleaning procedures.
- **Filter Clean Indicator:** This indicator will alert you when the filters require cleaning, simplifying maintenance.

Condenser Coil Protection

The condenser coil is made of 100% copper tubes for durability. The indoor unit features a Nano Tech Ultra coating to protect against rust and corrosion, enhancing the unit's lifespan.

TROUBLESHOOTING

If your AC unit is not operating as expected, please check the following common issues before contacting customer support:

- **No Power:** Ensure the power cord is securely plugged in and the circuit breaker has not tripped.

- **Remote Control Not Working:** Check the batteries in the remote control and ensure there are no obstructions between the remote and the indoor unit.
- **Insufficient Cooling/Heating:** Verify that the air filters are clean, doors and windows are closed, and the temperature setting is appropriate for the desired comfort level.
- **Unusual Noise:** A slight operating sound is normal. If you hear loud or unusual noises, power off the unit and contact customer service.

For issues not resolved by these steps, or for complex technical problems, please contact Hitachi customer support.

PRODUCT SPECIFICATIONS

Feature	Specification
Brand	Hitachi
Model Number	RAS.G318PHDIST
Model Name	IZEN 3500XLHP
Capacity	1.5 Tons
Cooling Power	17060 British Thermal Units
BEE Star Rating	3 Star
Seasonal Energy Efficiency Ratio (ISEER)	4.7
Annual Energy Consumption	823.31 Kilowatt Hours
Noise Level	40 Decibels
Refrigerant	R-32 (Environmental Friendly)
Compressor Type	Rotary Scroll, Inverter
Filter Type	Pre-Filter, Anti-Bacterial Mesh Filter
Operating Modes	Cooling, Heating
Special Features	4 Way Swing, Hot & Cold, Ice Clean Cooling, Octa Sensor, Smart View Display, Xpandable Plus Technology
Indoor Unit Dimensions (W x H x D)	95 cm x 29.4 cm x 23.5 cm
Outdoor Unit Dimensions (W x H x D)	80 cm x 64 cm x 29.8 cm
Indoor Unit Weight	10 Kg
Outdoor Unit Weight	32 Kg
Voltage	230 Volts
Wattage	1550 Watts
Included Components	Indoor Unit, Outdoor Unit, Inter Connecting Copper Pipe, Remote, Drain Pipe

WARRANTY INFORMATION

Your Hitachi air conditioner comes with the following warranty coverage:

- **Standard Warranty:** 1 year on the entire unit.
- **Compressor Warranty:** 10 years.
- **Controller Warranty:** 5 years.

To avail warranty services, please retain your Amazon invoice as proof of purchase. An optional paid 5-year comprehensive warranty is also available, offering extended protection and additional benefits. Contact customer support for details on upgrading your warranty.

Indoor & Outdoor Units

The image displays the indoor and outdoor units of a Hitachi air conditioner. The indoor unit is white with a digital display showing '24.5' and 'HITACHI'. Its dimensions are 95cm in width, 23.5cm in depth, and 29.4cm in height. The outdoor unit is also white, featuring a large fan grille and the 'HITACHI' and 'airHome DC Inverter' branding. Its dimensions are 80cm in width, 29.8cm in depth, and 64cm in height. To the left of the units is a yellow 'POWER SAVINGS GUIDE' label with a star rating of 3. Below the label is a table of technical specifications and a remote control.

POWER SAVINGS GUIDE

MORE STARS
MORE SAVINGS

ENERGY EFFICIENCY
ISEER - 4.70*

Label Period: 1st Jan 2026 – 31st Dec 2027

Appliance/Type	: RAC/Split
Brand	: HITACHI
Model/Year	: RAS.G318PHD1ST / 2025
Cooling Capacity (100%)	: 5000.00 W
Cooling Capacity (50%)	: 2500.00 W
Electricity Consumption	: 823.31 Units per year
Compressor Type	: Variable Speed
Heat Pump	: Yes

ENERGY IS LIFE
CONSERVE IT
RSE/JAN/2022/003/10

*Under test conditions, when tested in accordance with ISO 16158 & based on 1000 operating hours per annum. Actual electricity consumption will depend on how the appliance being used.

Energy Efficient

Power Saving

Dimensions:
Indoor Unit: 95cm (width) x 23.5cm (depth) x 29.4cm (height)
Outdoor Unit: 80cm (width) x 29.8cm (depth) x 64cm (height)

Information regarding the 5-year comprehensive warranty, including services like gas charging and wet/dry services.

CUSTOMER SUPPORT

For any inquiries, service requests, or technical assistance, please contact Hitachi customer support:

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