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> [Hitachi iZen 3500FWXL RAS.V322PCAISH Inverter Split AC User Manual](#)

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Hitachi iZen 3500FWXL RAS.V322PCAISH Inverter Split AC User Manual

Model: iZen 3500FWXL (RAS.V322PCAISH)

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Hitachi 2 Ton Class 3 Star ice Clean Wifi Enabled Inverter Split AC. Please read this manual thoroughly before using the air conditioner and retain it for future reference.

2. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of electric shock, fire, or injury.

- Ensure the air conditioner is installed by a qualified technician.
- Do not attempt to repair or modify the unit yourself. Contact authorized service personnel.
- Keep the power cord free from damage and do not place heavy objects on it.
- Do not insert fingers or objects into the air inlet/outlet.
- Turn off the power supply before cleaning or performing any maintenance.
- Use only the specified refrigerant (R-32).

3. PRODUCT OVERVIEW

The Hitachi iZen 3500FWXL (RAS.V322PCAISH) is a 2-ton, 3-star inverter split air conditioner designed for efficient cooling. It features an inverter compressor, copper condenser coil, and R-32 refrigerant for improved performance and environmental friendliness.

Key Features:

- **Inverter Compressor:** Adjusts power based on heat load for energy efficiency.
- **Capacity:** 1.8 Ton (suitable for rooms 180-200 Sq.Ft.).
- **Energy Rating:** 3 Star (ISEER Value: 3.90).

- **Copper Condenser Coil:** Ensures better cooling and requires low maintenance.
- **Refrigerant:** Eco-friendly R-32.
- **ice Clean Feature:** Self-cleaning function for the indoor unit.
- **Wi-Fi Enabled:** Control via the airCloud Home mobile app.
- **Special Features:** Anti Bacterial Filter, Dehumidifier, Fast Cooling, Auto Mode, Cool Mode, Fan Mode, Dry Mode, LCD Remote Control, Auto Fan Speed, Auto Restart, Super Silent operation, Ambience Light, Odour-free air, My Mode, Hexa Sensor, 5 Fan Speed, 100% Cooling Capacity even at 43°C, 3M Coating.

Components Included:

- Indoor Unit (IDU)
- Outdoor Unit (ODU)
- Remote Control
- Installation Kit
- User Manual

Product Dimensions:



Indoor Unit: 105 cm (W) x 29.4 cm (H) x 25.5 cm (D)



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**MORE STARS
MORE SAVINGS**



POWER SAVINGS GUIDE



ENERGY EFFICIENCY

ISEER - 3.90*

Label Period : 1st July 2022 - 31st Dec. 2024

Appliance/Type	: RAC/Split
Brand	: HITACHI
Model/Year	: RAS.V322PCAISH/2023
Cooling Capacity (100%)	: 6300.00 W
Cooling Capacity (50%)	: 3150.00 W
Electricity Consumption	: 1251.00 Units Per Year
Compressor Type	: Variable Speed
Heat Pump	: No



*Under test conditions, when tested in accordance with ISO 16358 & based on 1600 operating hours per annum.
Actual electricity consumption will depend on how the appliance being used.

Outdoor Unit: 80 cm (W) x 64 cm (H) x 29.8 cm (D)



Energy Efficiency Label: Displays ISEER value of 3.90 and annual energy consumption.

4. SETUP

4.1 Professional Installation

It is highly recommended that the installation of your Hitachi Inverter Split AC be performed by a certified and authorized Hitachi service technician. Improper installation can lead to reduced performance, damage to the unit, and void the warranty.

4.2 Wi-Fi Setup (airCloud Home App)

Your air conditioner is Wi-Fi enabled, allowing for remote control and smart features via the airCloud Home mobile application.

1. Download the **airCloud Home** app from your smartphone's app store.
2. Follow the in-app instructions to create an account and register your air conditioner.
3. Ensure your home Wi-Fi network is active and the AC unit is within range.
4. The app will guide you through connecting the AC to your Wi-Fi network.



airCloud Home App: Control your AC remotely via Wi-Fi.

5. OPERATING INSTRUCTIONS

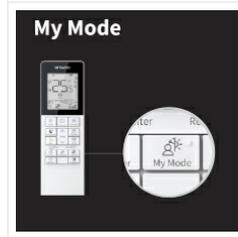
Operate your Hitachi AC using the provided LCD remote control or the airCloud Home mobile app.

5.1 Remote Control Functions

The LCD remote control allows you to select various modes and settings.

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through Auto, Cool, Fan, and Dry modes.
- **Temperature Adjustment:** Use UP/DOWN arrows to set desired temperature.

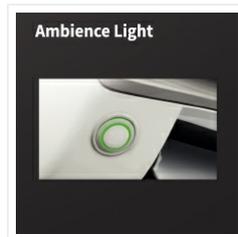
- **Fan Speed:** Adjusts fan speed (Auto, Silent, Low, Medium, High, Super High).
- **My Mode:** Saves and recalls your preferred settings.
- **Swing Button:** Controls the louver direction.
- **Timer Button:** Sets ON/OFF timers.



My Mode: Customize and save your favorite settings.



5 Fan Speed: Choose from multiple fan speeds for optimal comfort.



Ambience Light: Visual indicator for operational status.

5.2 Operating Modes

- **Cool Mode:** Provides cooling to reach the set temperature.
- **Fan Mode:** Circulates air without cooling.
- **Dry Mode:** Reduces humidity in the room.
- **Auto Mode:** Automatically selects the appropriate mode based on room temperature.

5.3 Smart Features

- **Wi-Fi Control:** Manage your AC from anywhere using the airCloud Home app.
- **Voice Control:** Compatible with Google Home and Amazon Alexa for hands-free operation.
- **Auto Restart:** The unit automatically restarts with previous settings after a power outage.
- **Hexa Sensor:** Advanced sensors for optimized performance.

6. MAINTENANCE

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

6.1 Filter Cleaning

The Anti Bacterial Filter should be cleaned regularly to maintain air quality and cooling efficiency.

1. Turn off the air conditioner and disconnect the power supply.

2. Open the front panel of the indoor unit.
3. Remove the air filters.
4. Clean the filters with a vacuum cleaner or wash them with lukewarm water.
5. Allow filters to dry completely before reinstalling.
6. Close the front panel and restore power.

6.2 ice Clean Feature

The ice Clean feature automatically cleans the indoor unit's coil by freezing and then melting the ice, washing away dust and dirt. This helps maintain clean and odour-free air.

- Activate the ice Clean function via the remote control or airCloud Home app as per the detailed instructions in the full user manual.
- This process helps remove viruses, bacteria, and mold from the coil.



ice Clean: Automatic coil cleaning for improved air quality.



Odour-free Air: Contributes to a fresher indoor environment.

6.3 General Cleaning

- Wipe the exterior of the indoor and outdoor units with a soft, damp cloth.
- Do not use harsh detergents, solvents, or abrasive cleaners.
- The unit features a 3M coating for enhanced durability and ease of cleaning.

7. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply, remote control batteries low	Check power connection, replace remote batteries
Insufficient cooling	Dirty air filters, blocked outdoor unit, wrong mode selected, room too large	Clean filters, clear obstructions, select Cool mode, ensure room size matches capacity

Problem	Possible Cause	Solution
Unusual noise	Loose parts, foreign objects, unit not level	Check for loose parts, remove objects, ensure unit is level
Water leakage	Blocked drain pipe, improper installation	Clear drain pipe, contact service for inspection
Wi-Fi connection issues	Router issues, incorrect password, unit out of range	Restart router, re-enter password, ensure unit is within Wi-Fi range

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

8. SPECIFICATIONS

Specification	Value
Brand	Hitachi
Model Name	iZen 3500FWXL
Model Number	RAS.V322PCAISH
Capacity	1.8 Tons (2 Ton Class)
Cooling Power	21500 British Thermal Units
Energy Rating	3 Star
ISEER Value	3.90
Annual Energy Consumption	1251 Kilowatt Hours
Refrigerant	R-32
Core Material	Copper
Noise Level	37 Decibels
Indoor Unit Dimensions (D x W x H)	25.5D x 105W x 29.4H Centimeters
Outdoor Unit Dimensions (D x W x H)	29.8D x 80W x 64H Centimeters (approx. from image)
Item Weight	44700 Grams (44.7 kg)
Voltage	230 Volts
Wattage	2020 KW
Control Method	Remote, Wi-Fi App

9. WARRANTY AND SUPPORT

Hitachi provides comprehensive warranty coverage for your air conditioner.

9.1 Warranty Details

- **1 Year** Comprehensive Warranty on the complete unit.
- **1 + 4 Years** on the Controller (PCB).
- **1 + 9 Years** on the Compressor.

Please retain your purchase invoice for warranty claims.



Quality Assurance: Undergoes 43 quality tests.

9.2 Customer Support

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

- **Customer Care Number:** 7567884848
- **Email:** customercare@jci-hitachi.com
- **Manufacturer/Importer:** JCH-IN., Hitachi Complex, Karannagar, Kadi. Dist. Mehsana- 382715. Gujarat. India.