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Voltas 183V Vertis Pearl

Voltas 1.5 Ton 3 Star Inverter Window AC (Model 183V Vertis Pearl) User Manual

Your guide to installation, operation, and maintenance.

Introduction

This manual provides essential information for the safe and efficient use of your Voltas 1.5 Ton 3 Star Inverter Window AC, Model 183V Vertis Pearl. Please read these instructions carefully before operating the appliance and retain them for future reference. This air conditioner is designed for cooling medium-sized rooms (111 to 150 sq ft) and features an inverter compressor for energy efficiency.



Image: Key features of the Voltas Window AC, including anti-dust filter, copper condenser, low noise operation (56 dB), and suitability for rooms 111 to 150 sq ft.

Setup and Installation

Proper installation is crucial for the performance and longevity of your air conditioner. It is highly recommended to have the unit installed by a qualified technician.

Unpacking and Components

Carefully unpack the air conditioner and check for any damage. Ensure all components are present:

- 1 Window AC Unit

- 1 Remote Control
- 1 User Manual (this document)
- 1 Warranty Card
- 2 AAA Remote Batteries
- 1 Drain Tray

Placement and Dimensions

The unit is designed for window installation. Ensure the window opening can accommodate the dimensions of the AC unit. The product dimensions are 74.5D x 66W x 43H Centimeters.

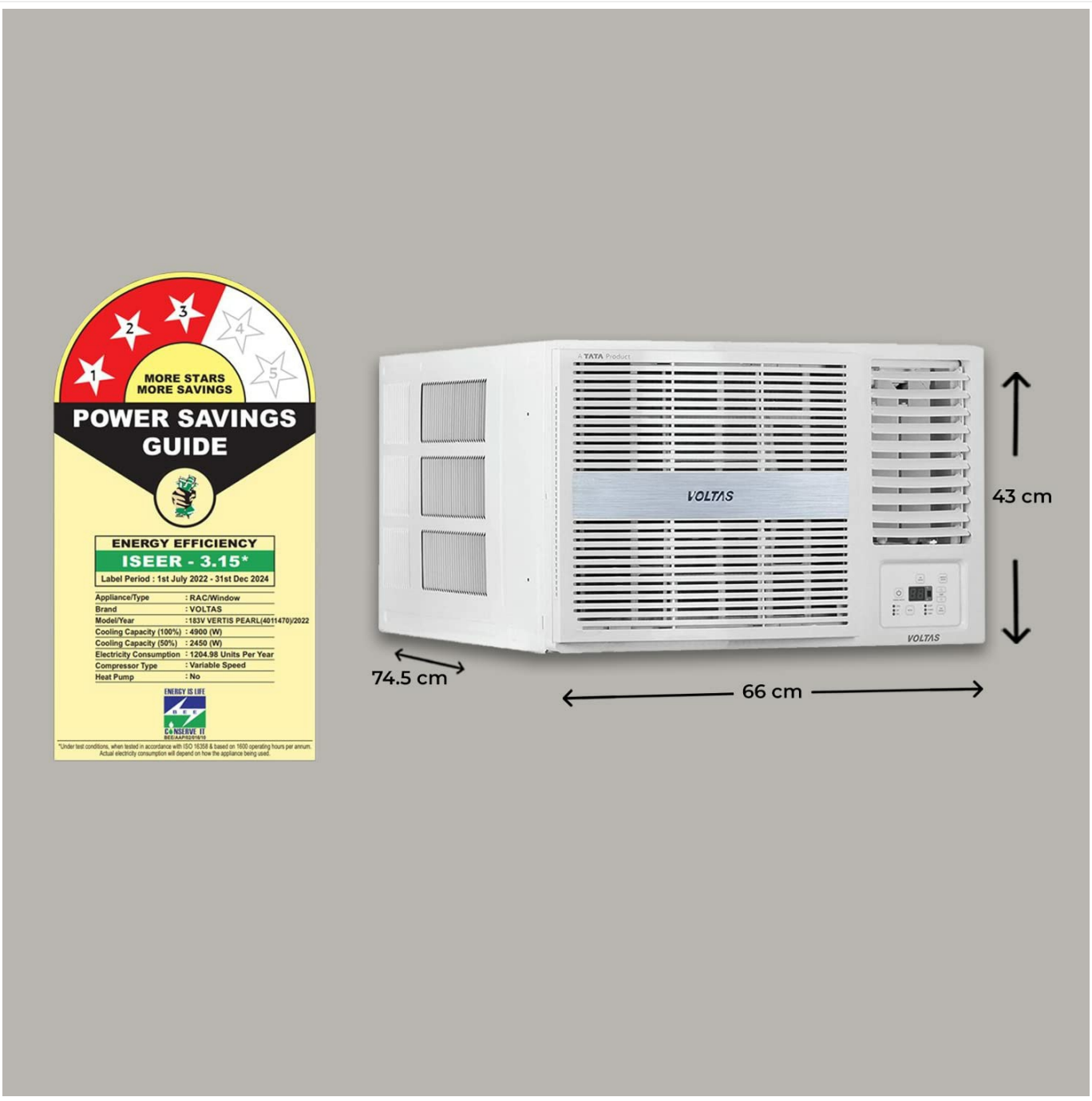


Image: Voltas Window AC unit with its dimensions: 74.5 cm depth, 66 cm width, and 43 cm height.

Electrical Requirements

The unit operates on 230 Volts. It features stabilizer-free operation within a 170 - 265 voltage range. Ensure the electrical outlet meets these requirements.

Operating Instructions

Your Voltas AC comes with a remote control for convenient operation. Insert the provided AAA batteries into the remote control.

Basic Operation

- **Power On/Off:** Use the power button on the remote or unit to turn the AC on or off.
- **Temperature Adjustment:** Use the temperature up/down buttons to set your desired room temperature. The LED display on the unit will show the current setting.
- **Mode Selection:** Cycle through available modes (e.g., Cool, Fan, Dry) using the mode button.

Special Features

- **2-in-1 Adjustable Mode:** This feature allows for flexible cooling options. Refer to the remote control guide for specific adjustments.
- **Turbo Mode:** Activates maximum cooling power for rapid temperature reduction.
- **Sleep Mode:** Adjusts temperature automatically during sleep for comfort and energy saving.
- **Auto Swing:** The air deflector automatically moves to distribute cool air evenly across the room.
- **Glow Light Button:** The remote control features a glow light button for easy operation in the dark.
- **LED Display:** Provides clear indication of temperature settings and operational status.



Image: Visual representation of key operating features including Turbo Cooling, Filter Clean Indicator, 2-in-1 Adjustable Cooling, and the LED Display.

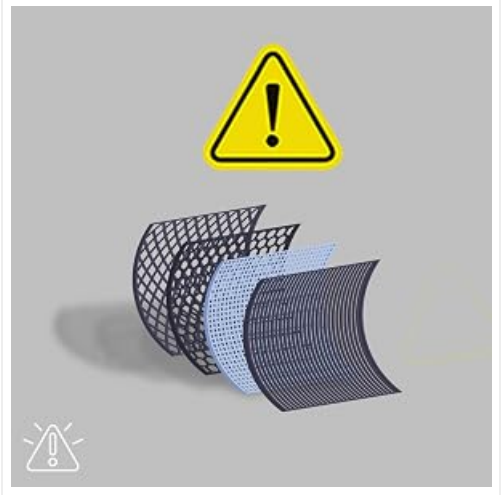


Image: Features such as a large LED display, instant cooling capability, anti-dust function, and stabilizer-free operation.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your AC unit.

Air Filter Cleaning

The AC is equipped with an anti-dust filter and a Filter Clean Indicator. When the indicator lights up, it's time to clean the filter. The panel is easily removable for access.

- Turn off the AC and disconnect power.
- Open the front panel.
- Remove the air filters.
- Clean filters with a vacuum cleaner or wash with lukewarm water and mild detergent.
- Allow filters to dry completely before reinserting.
- Close the front panel.



Image: Diagram showing multiple layers of air filters, indicating the need for regular cleaning to maintain air quality and AC efficiency.

Copper Condenser Coil

The AC features a copper condenser coil, known for better cooling and low maintenance. It is also treated with an anti-rust coating for increased durability. Periodically inspect the coil for dust buildup and clean gently with a soft brush if necessary. Avoid bending the fins.



Image: Close-up view of copper pipes, representing the copper condenser coil used in the AC unit.

Ice Wash Feature

The Ice Wash feature helps in maintaining the cleanliness of the indoor unit. Consult your remote control guide for instructions on activating this function.

TROUBLESHOOTING

Before contacting customer service, refer to this section for solutions to common issues.

Common Issues and Solutions

- **AC not turning on:** Check power supply, ensure the plug is securely inserted, and check for tripped circuit breakers.
- **Insufficient cooling:** Ensure air filters are clean, windows and doors are closed, and there are no obstructions to airflow. The unit is designed to cool effectively even at ambient temperatures up to 50°C.
- **Unusual noise:** Verify the unit is installed securely. If the noise persists and is excessive, it may indicate an internal issue.
- **Remote control not working:** Check and replace batteries. Ensure there are no obstructions between the remote and the AC unit's receiver.

Self-Diagnosis Feature

Your AC is equipped with a self-diagnosis feature that can help identify certain operational issues. If an error code appears on the LED display, refer to the detailed troubleshooting section in the full user manual or contact customer support with the error code.

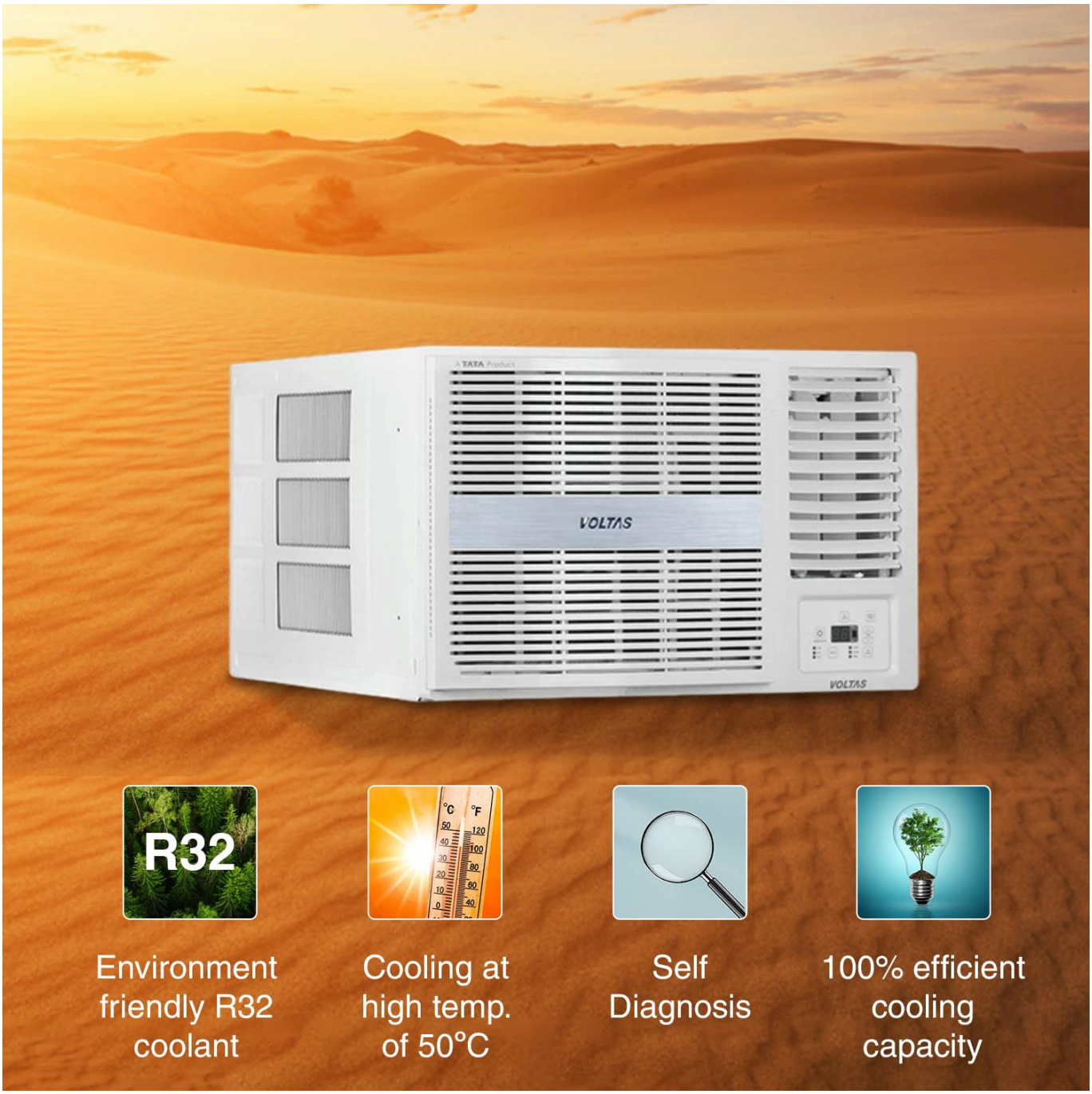


Image: Features including environment-friendly R32 refrigerant, effective cooling at high temperatures (up to 50°C), self-diagnosis capability, and 100% efficient cooling capacity.

Specifications

Feature	Detail
Brand	Voltas
Model Name	183V Vertis Pearl
Capacity	1.5 Tons
Energy Rating	3 Star (ISSER Value: 3.15)
Annual Energy Consumption	4900 Units per year

Feature	Detail
Cooling Power	1.79 Kilowatts
Refrigerant	R-32 (Environment friendly)
Compressor Type	Inverter, Rotary Scroll
Condenser Coil	Copper
Noise Level (IDU)	56 Decibels
Product Dimensions (D x W x H)	74.5D x 66W x 43H Centimeters
Item Weight	55 Kilograms
Voltage	230 Volts
Special Features	Dust Filter, Remote Controlled, 2-in-1 Adjustable Mode, Auto Swing, Anti-Rust Coating, LED Display, Self Diagnosis, Sleep Mode, Turbo Mode, Easily Removable Panel, Ultra Silent, Ice Wash, Filter Clean Indicator

Warranty Information

Your Voltas 1.5 Ton 3 Star Inverter Window AC comes with the following warranty:

- **1 Year Comprehensive Warranty** on the entire product.
- **10 Years Warranty** on the Inverter Compressor.

Please retain your purchase receipt and warranty card for any warranty claims. The warranty covers manufacturing defects under normal use conditions. For detailed terms and conditions, refer to the warranty card included with your product.

Customer Support

For any service, installation, or technical assistance, please contact Voltas customer support or an authorized service center.

Manufacturer Contact Information:

Voltas Limited
Voltas House 'A' Block, Dr. Babasaheb Ambedkar Rd,
Chinchpokli, Mumbai - 400 033, India

Always ensure that any repairs or maintenance beyond basic cleaning are performed by qualified personnel to avoid voiding your warranty and to ensure safe operation.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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