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Voltas WAC 183INV PEARL

Voltas 1.5 Ton 3 Star Inverter Window AC

MODEL: WAC 183INV PEARL

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Voltas 1.5 Ton 3 Star Inverter Window Air Conditioner, model WAC 183INV PEARL. 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.

- Ensure the power supply matches the rating label on the unit.
- Do not insert fingers or objects into the air inlet/outlet.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Keep the unit away from flammable gases or combustible materials.
- Ensure proper grounding to avoid electric shock.
- Always disconnect power before cleaning or performing maintenance.

3. Product Features

Your Voltas Inverter Window AC is equipped with several features designed for comfort and efficiency:

- **Inverter Technology:** Provides energy-efficient cooling.
- **Anti-Dust Filter:** Helps trap dust and airborne particles for cleaner air.
- **Memory Restart:** Automatically restores previous settings after a power interruption.
- **Sleep Mode:** Adjusts temperature for comfortable sleep and energy saving.
- **2-Way Air Swing:** Ensures uniform cooling distribution.
- **Adjustable Cooling:** Offers flexibility in cooling intensity.
- **Stabilizer Free Operation:** Designed to operate within a wide voltage range (110-285V).
- **Digital Temperature Display:** For clear temperature indication.

- **Copper Condenser Coil:** Enhances cooling performance and durability.
- **R32 Refrigerant:** Environmentally friendly with no ozone depletion potential.
- **Anti-Freeze Thermostat:** Prevents ice build-up for smooth operation.

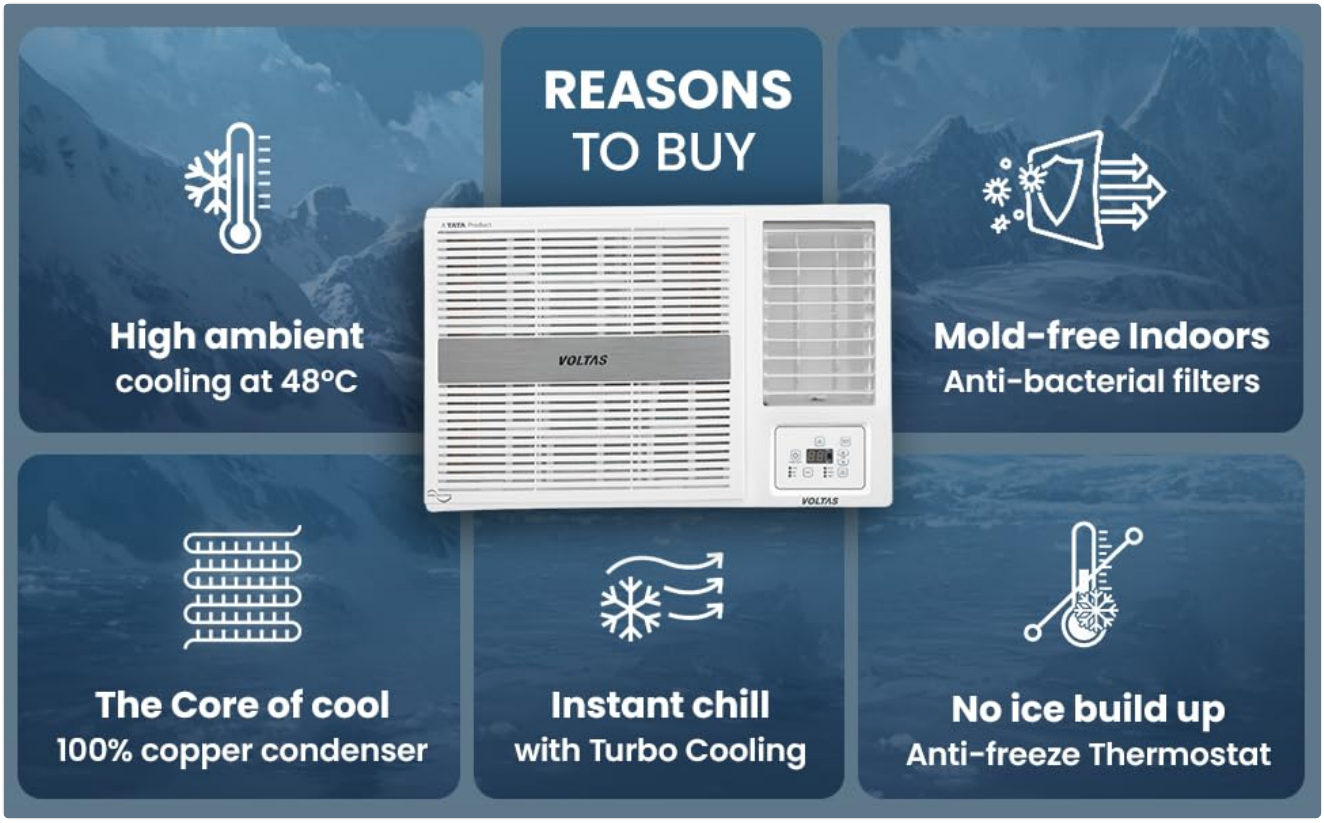


Image: Overview of Voltas Window AC features including Hydrophilic gold fins, Memory Restart, Anti-freeze Thermostat, and modes like Cool, Dry, Fan, Sleep. Also indicates suitability for rooms up to 180 sq. ft. and hot & humid Indian summers.



Image: Illustration highlighting the 'ZERO Rust' anti-corrosive coating on the AC's condenser coils, designed for long-term durability.

4. Setup and Installation

This Voltas Window AC is designed for economical and easy installation. Professional installation is recommended to ensure optimal performance and safety.

4.1. What's in the Box

- 1 Window AC Unit
- 1 Remote Control
- 2 AAA Remote Batteries
- 1 Drain Tray



Image: A visual representation of the items included in the product box: the AC unit, remote control, and small accessories.

4.2. Dimensions

Before installation, ensure the window opening meets the required dimensions.

- **Unit Dimensions (D x W x H):** 74.5 cm x 66 cm x 43 cm
- **Unit Weight:** 48.5 Kilograms
- **Window Opening Maximum Width:** 66 Centimetres
- **Window Opening Minimum Height:** 43 Centimetres



Image: Diagram showing the dimensions of the Voltas Window AC unit: 66 cm (width), 43 cm (height), and 74.5 cm (depth).

5. Operating Instructions

Your AC unit is controlled via the included remote control. Ensure batteries are correctly inserted.

5.1. Remote Control Functions

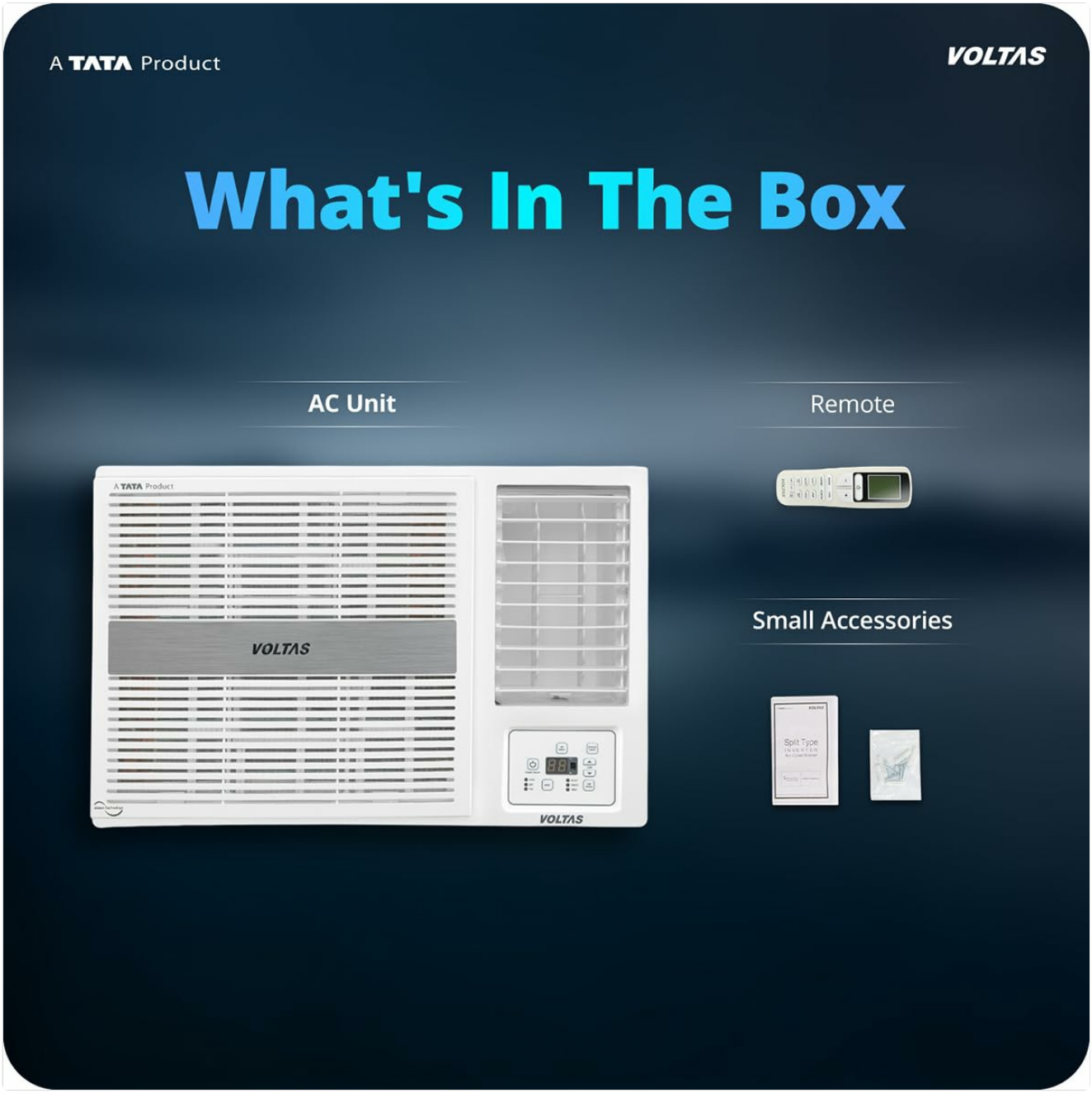


Image: Detailed diagram of the remote control, indicating buttons for LCD Display, Power (ON/OFF), Temperature Controls, Auto/Cool/Dry/Fan Mode, Fan Speed Adjustment, V Swing/H Swing, Sleep, Lamp, Saver, Turbo, Timer ON/OFF, TEMP Display/Settings, Anti Freeze, and SST (Sleep Set/Sleep Mode).

5.2. Operating Modes

- **Cool Mode:** For standard cooling operation.
- **Dry Mode:** Reduces humidity in the room.
- **Fan Mode:** Circulates air without cooling.
- **Sleep Mode:** Automatically adjusts temperature for optimal sleep comfort and energy efficiency.
- **Turbo Cooling:** Provides rapid cooling at maximum speed.



Image: Illustrates the 'Turbo Cooling' feature, showing the AC unit providing instant cooling at maximum speed.

5.3. Adjustable Cooling

The AC offers 2-step adjustable modes to suit different occupancy levels:

- **Low Mode:** Ideal for 1-2 people.
- **High Mode:** Suitable for up to 4 people.



Image: Depicts the '2 Step Adjustable Modes' feature, showing 'Low Mode' for 1-2 people and 'High Mode' for up to 4 people, with corresponding room settings.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your AC unit. Always disconnect power before cleaning.

6.1. Anti-Dust Filter Cleaning

The anti-dust filter should be cleaned regularly (e.g., every two weeks or as needed) to maintain air quality and cooling efficiency.

1. Open the front panel of the AC unit.
2. Carefully remove the air filter.
3. Clean the filter with a vacuum cleaner or wash it with lukewarm water and mild detergent.
4. Rinse thoroughly and allow it to dry completely in a shaded area before reinserting.



Image: Shows the AC unit alongside a clean and a dirty filter, illustrating the function of anti-bacterial and dust filters in trapping dust, germs, and allergens.

6.2. Condenser Coil Care

The copper condenser coil requires low maintenance. Periodically check for any debris accumulation and ensure clear airflow around the unit.

6.3. Anti-Freeze Thermostat

The anti-freeze thermostat prevents ice build-up. If ice forms, ensure proper airflow and filter cleanliness. If the issue persists, contact customer support.

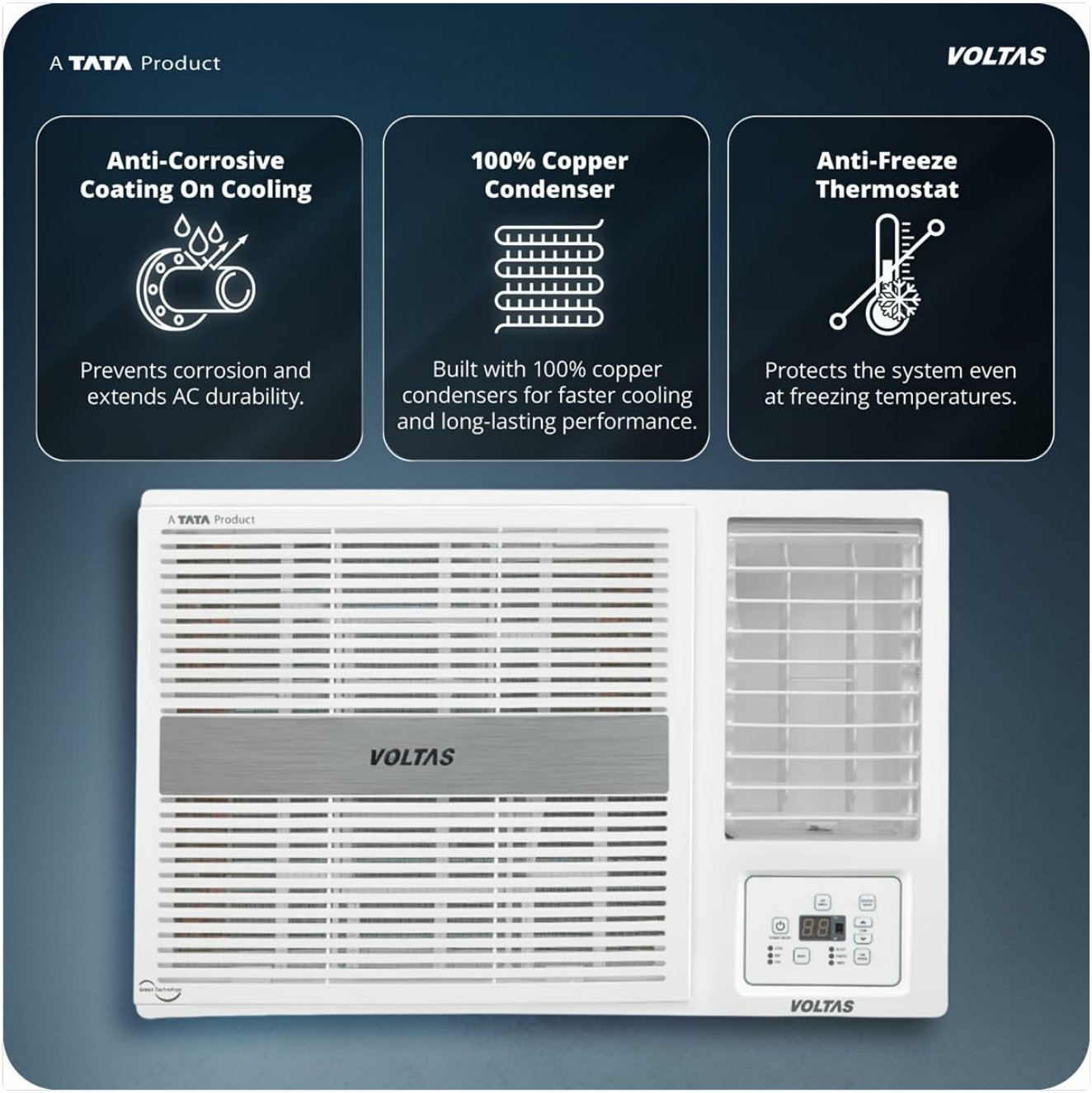


Image: Close-up view of the anti-freeze thermostat within the AC unit, emphasizing its role in preventing ice build-up for smooth performance.

7. Troubleshooting

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
AC not turning on	No power supply, remote batteries low	Check power connection, replace remote batteries
Insufficient cooling	Dirty air filter, blocked air intake/outlet, room too large	Clean air filter, clear obstructions, ensure room size is appropriate
Unusual noise	Loose parts, foreign objects, unit not level	Check for loose parts, remove objects, ensure unit is level

Problem	Possible Cause	Solution
Water leakage	Blocked drain pipe, improper installation	Clear drain pipe, check installation level

If the problem persists after attempting these solutions, please contact Voltas Customer Support.

8. Specifications

Feature	Detail
Brand	Voltas
Model Number	WAC 183INV PEARL
Capacity	1.5 Tons
Cooling Power	5 Kilowatts (5000W)
Energy Rating	3 Star
Annual Energy Consumption	1172.26 kWh/year
ISEER Value	3.30
Refrigerant	R-32
Noise Level	56 Decibels
Product Dimensions (D x W x H)	74.5D x 66W x 43H Centimeters
Item Weight	48.5 Kilograms
Voltage	230 Volts
Power Source	Corded Electric
Suitable Room Size	111 to 150 sq ft
Ambient Temperature Operation	Up to 50 degree Celsius
Included Components	1 Window AC Unit, 1 Remote, 2 AAA Remote Battery, 1 Drain Tray



Image: The Power Savings Guide label for the Voltas AC, indicating a 3 Star rating, ISEER of 3.30, and annual energy consumption of 1172.26 units per year.

9. Warranty Information

Your Voltas AC comes with the following warranty coverage:

- **Product:** 1 year warranty
- **Inverter Compressor:** 10 years warranty (includes gas charging)
- **PCB (Printed Circuit Board):** 5 years warranty

Please retain your Amazon invoice as proof of purchase to claim warranty services.

10. Customer Support

For any queries, service requests, or technical assistance, please contact Voltas Customer Support:

Phone: +919650694555 / 1860-599-4555

Email: vcare@voltas.com

Voltas provides reliable customer support covering over 18000+ pin codes and 100% of Tier 1 cities.

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