Voltas 243 Vectra Plus

Voltas 2 Ton 3 Star Fixed Speed Split AC Instruction Manual

Model: **243 Vectra Plus**
Brand: **Voltas**

1. Introduction

Thank you for choosing the Voltas 2 Ton 3 Star Fixed Speed Split AC, Model 243 Vectra Plus. This instruction manual provides essential information for the safe and efficient use of your air conditioner. Please read this manual thoroughly before installation and operation, and keep 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.

- **Professional Installation:** Installation must be performed by qualified personnel in accordance with national wiring standards.
- **Power Supply:** Ensure the power supply matches the rating label. Do not use damaged power cords or plugs.
- **Grounding:** The appliance must be properly grounded to avoid electrical shock.
- **Clearances:** Maintain adequate clearances around the indoor and outdoor units for proper airflow and maintenance.
- **Flammable Materials:** Do not place flammable materials or spray aerosols near the unit.
- **Children:** Keep children away from the unit and remote control.
- **Maintenance:** Always disconnect power before cleaning or servicing the unit.

3. Product Overview

The Voltas 2 Ton 3 Star Fixed Speed Split AC is designed for efficient cooling in large rooms. It features a copper condenser coil for enhanced durability and cooling performance, along with advanced air filtration technologies.

3.1 Components

- Indoor Unit
- Outdoor Unit

- Remote Control
- Interconnecting Copper Pipe (3m length)
- Interconnecting Cable (3.5m length)
- Outdoor Vibration Pads (4 units)
- AAA Remote Batteries (2 units)
- Indoor Mounting Plate with Plastic Sleeve and Screws

3.2 Key Features

- **Capacity:** 2 Ton, suitable for large rooms (151 sq.ft to 200 sq.ft).
- **Fixed Speed Compressor:** Provides consistent cooling.
- **Copper Condenser Coil:** Ensures better cooling, low maintenance, and resistance to rust and corrosion.
- **Anti-Dust Filter:** Helps in filtering dust particles from the air.
- **Antimicrobial Protection:** Reduces microbial growth within the unit.
- **Anti-Corrosive Coating:** Protects the unit from rust and wear, enhancing durability.
- **Anti-Fungi Technology:** Prevents fungal growth inside the unit.
- **LED Display:** Provides clear operational status.
- **Self Diagnosis:** Identifies and displays error codes for easier troubleshooting.
- **Sleep Mode:** Adjusts temperature for comfortable sleep and energy saving.
- **Turbo Mode:** Provides rapid cooling.
- **Remote Lock:** Prevents accidental changes to settings.
- **Low Gas Diagnosis:** Alerts for refrigerant leakage.
- **Auto Restart:** Restores previous settings after a power outage.
- **Stabilizer Free Operation:** Operates within 230V range without an external stabilizer.
- **Refrigerant Gas:** R32, an environmentally friendly refrigerant with no ozone depletion potential.

3.3 Product Dimensions and Weight

Component	Dimensions (W x H x D)	Weight
Indoor Unit	110 cm x 33 cm x 25 cm	13.7 Kg
Outdoor Unit	90 cm x 65 cm x 36.5 cm	42.9 Kg

Note: Dimensions and weights are approximate and may vary slightly.



Image 1: Voltas 2 Ton 3 Star Fixed Speed Split AC indoor and outdoor units, showing their respective dimensions and the energy efficiency label. The indoor unit measures 110 cm in width, 33 cm in height, and 25 cm in depth. The outdoor unit measures 90 cm in width, 65 cm in height, and 36.5 cm in depth. An energy label indicating a 3-star rating and an ISEER value of 3.80 is also visible.

4. Setup & Installation

Installation of this air conditioner requires specialized tools and knowledge. It is strongly recommended that installation be performed by a certified and authorized Voltas service technician to ensure proper functioning, safety, and warranty validity.

4.1 Pre-Installation Checks

- Verify that the power supply meets the unit's requirements (230 Volts).
- Ensure the installation location for both indoor and outdoor units is structurally sound and provides adequate space for airflow and maintenance.
- Confirm that all included components are present and undamaged.

4.2 Installation Steps (Summary for reference - Professional installation required)

1. Mount the indoor unit using the provided mounting plate, ensuring it is level and secure.
2. Install the outdoor unit on a stable surface, using vibration pads to minimize noise.
3. Connect the copper refrigerant pipes and electrical cables between the indoor and outdoor units. Ensure proper insulation and sealing.
4. Perform vacuuming and refrigerant charging (if necessary) according to manufacturer specifications.
5. Connect the unit to a dedicated power circuit with appropriate circuit protection.
6. Test the unit for proper operation, checking for leaks and correct cooling/heating performance.

5. Operating Instructions

Your Voltas AC is operated primarily via the remote control. Familiarize yourself with the remote's functions for optimal use.

5.1 Remote Control Functions

Insert the two AAA batteries into the remote control. Point the remote control towards the indoor unit when operating.

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through operating modes (Cool, Fan, Dry, Sleep).
- **Temperature Up/Down Buttons:** Adjusts the desired temperature.
- **Fan Speed Button:** Selects fan speed (Auto, Low, Medium, High).
- **Swing Button:** Controls the vertical airflow direction.
- **Turbo Button:** Activates rapid cooling for a short period.
- **Sleep Button:** Engages Sleep Mode for energy-efficient and quiet operation during sleep.
- **Lock Button:** Locks the remote control to prevent accidental changes.



Image 2: The indoor unit of the Voltas AC, highlighting its hidden LED display which provides a clean aesthetic while showing operational information when active.

5.2 Operating Modes

- **Cool Mode:** Provides cooling. Set your desired temperature.
- **Fan Mode:** Circulates air without cooling.
- **Dry Mode:** Reduces humidity in the room.
- **Sleep Mode:** Automatically adjusts temperature and fan speed for comfortable sleep and energy saving.
- **Turbo Mode:** For quick cooling, the unit operates at maximum fan speed and cooling capacity.

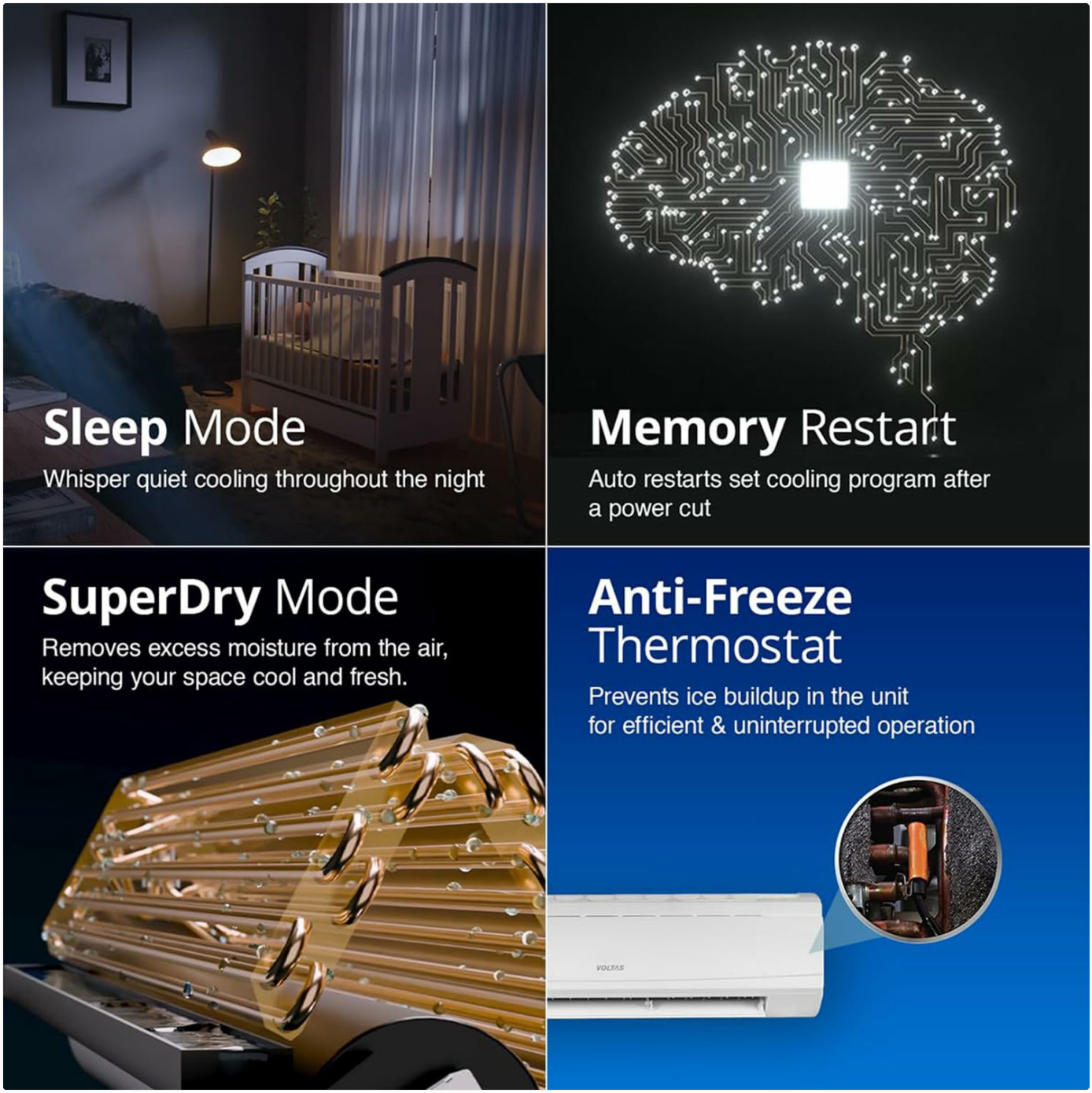


Image 3: Visual representation of key operational features: **Sleep Mode** for quiet night cooling, **Memory Restart** to resume settings after power cuts, **SuperDry Mode** for dehumidification, and an **Anti-Freeze Thermostat** to prevent ice buildup for continuous operation.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. Always disconnect power before performing any maintenance.

6.1 Air Filter Cleaning

- Open the front panel of the indoor unit.
- Remove the air filters.
- Clean the filters using a vacuum cleaner or wash them with lukewarm water. Allow them to dry completely before re-installing.
- Clean the Anti-Dust and Antimicrobial filters as per the specific instructions in the full user manual.
- Frequency: Clean every two weeks or more often if the environment is dusty.



Image 4: Illustration of the **Anti-Dust Filter with Anti-Microbial Coating**, designed to kill airborne microbes, and the **Anti-Corrosive Coating** on internal components, built to resist rust and wear for long-lasting performance.

6.2 Outdoor Unit Cleaning

- Clear any debris, leaves, or obstructions from around the outdoor unit.
- Gently clean the outdoor coil fins with a soft brush or vacuum cleaner. Avoid bending the fins.
- Ensure the drainage pipe is clear and not blocked.

6.3 Seasonal Maintenance

- Before the cooling season, have a professional technician inspect the refrigerant levels and overall system.
- At the end of the cooling season, run the unit in fan-only mode for a few hours to dry out the indoor coil and prevent mold growth.

7. Troubleshooting

Before contacting service, check the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not start	No power, circuit breaker tripped, remote batteries dead.	Check power supply, reset breaker, replace remote batteries.
Insufficient cooling	Dirty air filters, blocked outdoor unit, doors/windows open, temperature setting too high.	Clean filters, clear obstructions, close openings, lower temperature setting.
Unusual noise	Loose parts, unit not level, foreign objects in fan.	Check for loose parts, ensure unit is level, inspect for obstructions. If noise persists, contact service.
Water leakage from indoor unit	Blocked drain pipe, improper installation.	Check and clear drain pipe. If issue persists, contact service for installation check.
Error code displayed	System malfunction.	Note the error code and refer to the full user manual or contact Voltas customer support.

For issues not listed here or if solutions do not resolve the problem, please contact authorized Voltas service personnel.

8. Specifications

Detailed technical specifications for the Voltas 2 Ton 3 Star Fixed Speed Split AC, Model 243 Vectra Plus.

Specification	Value
Brand	Voltas
Model	243 Vectra Plus
Energy Efficiency Rating	3 Star (BEE Label Validity: 1st July 2022 - 31st Dec 2025)
Capacity	2 Tons
Annual Energy Consumption	1323.72 KW/h
Cooling Capacity	6500 Watts (1.71 Kilowatts)
ISEER Value	3.80
Noise Level (Indoor Unit)	51 / 49 / 46 / 44 dB (various fan speeds)
Installation Type	Split System
Refrigerant Gas	R32
Voltage	230 Volts
Material	Plastic (Indoor Unit)

Specification	Value
Color	White
Special Features	Dust Filter, Remote Controlled, Anti-Fungi, Antimicrobial Protection, Anti-Corrosive Coating, LED Display, Self Diagnosis, Sleep Mode, Turbo, Remote Lock, Low Gas Diagnosis, Auto Restart

Note: Specifications are subject to change without prior notice. Refer to the product label for the most accurate information.

9. Warranty & Support

Voltas provides comprehensive warranty coverage for your peace of mind.

- **Product Warranty:** 5 Years Comprehensive Warranty on the Product for purchases made from 19th Sep'25 to 31st Dec'25.
- **Compressor Warranty:** 10 Years Warranty on Inverter Compressor.
- **PCB Warranty:** 5 Years Warranty on PCB for purchases made from Jan 2025 onwards.

To avail warranty services, please retain your Amazon invoice. For detailed warranty terms, conditions, and to access the full user manual, please visit the official Voltas website or contact Voltas customer support.

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

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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.

Submit question