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Voltas 123V Vectra Elegant (Model 4503440-R)

Voltas 1 Ton 3 Star Adjustable Inverter Split AC User Manual

Model: 123V Vectra Elegant (Model 4503440-R)

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Voltas 1 Ton 3 Star Adjustable Inverter Split AC, model 123V Vectra Elegant. Please read this manual thoroughly before using your air conditioner 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.

- Always ensure the air conditioner is properly grounded.
- Do not attempt to install, repair, or relocate the unit yourself. Contact qualified service personnel.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Do not block the air vents of the indoor or outdoor unit.
- Turn off the power supply before cleaning or performing any maintenance.
- Use only the specified refrigerant (R-32) for this unit.

3. Product Overview and Features

The Voltas 1 Ton 3 Star Adjustable Inverter Split AC is designed for efficient cooling with advanced features.

Key Features:

- **Inverter Compressor:** Variable speed compressor adjusts power based on heat load for energy efficiency.
- **4-in-1 Adjustable Mode:** Operates at four different cooling capacities (20% to 120%) to suit varying cooling needs, controlled via remote.
- **100% Copper Condenser Coil:** Ensures better cooling, low maintenance, and resistance to corrosion.
- **Self Diagnosis:** Alerts you to operational faults for easier troubleshooting.
- **Anti-Dust Filter with Anti-Microbial Coating:** Helps kill air microbes, including germs, bacteria, and fungi.

- **Sleep Mode:** Provides quiet and comfortable cooling throughout the night.
- **Memory Restart:** Automatically resumes the last set cooling program after a power cut.
- **Anti-Corrosive Coating:** Enhances durability and longevity of the unit.
- **Hidden Display:** Offers a sleek and discreet aesthetic.
- **Auto Clean Function:** Self-cleans the indoor unit to ensure clean air delivery.
- **Refrigerant:** Uses R-32, an environmentally friendly refrigerant.

Included Components:

- 1 Indoor Unit
- 1 Outdoor Unit
- 1 User Manual
- 1 Warranty Card
- 1 Remote Control



Image: Overview of Voltas AC key features such as Inverter compressor, copper condenser, annual power consumption, low noise level, R32 refrigerant, and cooling capability at 52°C.



Image: Front view of the Voltas 1 Ton 3 Star Adjustable Inverter Split AC indoor unit.



Image: Side view of the Voltas 1 Ton 3 Star Adjustable Inverter Split AC indoor unit.



Image: Back view of the Voltas 1 Ton 3 Star Adjustable Inverter Split AC indoor unit.

4. Setup and Installation

The Voltas 1 Ton 3 Star Adjustable Inverter Split AC is a split system that requires both an indoor and an outdoor unit. Professional installation is highly recommended for optimal performance, safety, and to ensure warranty validity.

Installation Guidelines:

- Choose a suitable location for both indoor and outdoor units, ensuring proper airflow and drainage.
- Ensure the mounting surface for the indoor unit is strong enough to support its weight.
- The outdoor unit should be placed in a well-ventilated area, away from direct sunlight or heat sources.
- All electrical connections must comply with local codes and regulations.
- Ensure proper refrigerant piping and vacuuming are performed by a certified technician.



Image: Voltas AC indoor unit showing dimensions (80cm W x 26.5cm H x 21cm D) and an energy efficiency guide.



Image: Voltas AC outdoor unit showing dimensions (69.5cm W x 46cm H x 28.2cm D).

5. Operating Instructions

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

Remote Control Functions:

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through cooling, fan, dry, and auto modes.
- **Temperature Adjustment:** Use '+' and '-' buttons to set desired temperature.
- **Fan Speed:** Adjusts the fan speed (Low, Medium, High, Auto).
- **Swing Button:** Controls the louver movement for air direction.
- **4-in-1 Adjustable Mode:** Activate this feature to select from four different cooling capacities (e.g., Mode 1 for light cooling, Mode 4 for maximum cooling). Refer to the remote for specific button or sequence.

- **Sleep Mode:** Activates a quiet operation mode for comfortable sleep.
- **Timer Function:** Set the unit to turn ON or OFF automatically.



Image: Visual representation of the 4-in-1 Adjustable Cooling feature, showing how the AC can run at different cooling capacities (Mode 1 to Mode 4) for various needs.

6. Maintenance

Regular maintenance ensures the longevity and efficient operation of your Voltas AC.

Cleaning the Air Filter:

- The Anti-Dust Filter should be cleaned regularly (e.g., every two weeks or as needed).
- Turn off the power supply to the unit.
- Open the front panel of the indoor unit and remove the air filters.
- Clean the filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.

- Allow filters to dry completely before reinstalling.

Auto Clean Function:

Utilize the Auto Clean function to automatically clean the indoor unit's evaporator coil, preventing mold and bacteria growth and ensuring clean air.



Image: Illustration highlighting the Anti-Dust Filter with Anti-Microbial Coating, designed to kill air microbes.



Image: Illustration showing the Auto Clean Function, which self-cleans the unit for fresh air.

7. Troubleshooting

If your AC unit is not operating correctly, refer to the following common issues before contacting service personnel.

Problem	Possible Cause	Solution
Unit does not turn ON	No power supply; Remote control batteries dead	Check power connection and circuit breaker; Replace remote batteries.
Insufficient cooling	Dirty air filter; Blocked outdoor unit; Room too large; Doors/windows open	Clean air filter; Clear obstructions from outdoor unit; Ensure room size is appropriate; Close doors/windows.
Unusual noise	Loose parts; Unit not level	Contact service technician for inspection.

Problem	Possible Cause	Solution
Water leakage from indoor unit	Blocked drain pipe; Improper installation	Check and clear drain pipe; Contact service for installation check.
Self-diagnosis error code	Internal fault detected	Note the error code and contact Voltas customer support.

8. Specifications

Feature	Detail
Brand	Voltas
Model Name	123V Vectra Elegant-R
Model Number	4503440-R
Capacity	1 Ton
Energy Rating	3 Star (BEE)
Annual Energy Consumption	3300 Watts (approx. units)
Seasonal Energy Efficiency Ratio (SEER)	3.8
Indoor Unit Dimensions (D x W x H)	21D x 80W x 26.5H Centimeters
Outdoor Unit Dimensions (D x W x H)	28.2D x 69.5W x 46H Centimeters
Item Weight	36.9 Kilograms (Total)
Colour	White
Noise Level	44 Decibels
Refrigerant	R-32
Inverter Type	Has Inverter
Installation Type	Split System
Compressor Type	Rotary Scroll or Rotary Vane
Voltage	230 Volts
Power Source	Corded Electric
Control Method	Remote Control
Core Material	Plastic

9. Warranty Information

Your Voltas 1 Ton 3 Star Adjustable Inverter Split AC comes with the following warranty:

- **1 Year 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.



Image: Warranty information indicating 1 year product warranty and 10 years compressor warranty.

10. Customer Support

For technical assistance, service requests, or any queries regarding your Voltas AC, please contact Voltas customer support.

Manufacturer Contact Information:

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

Please visit the official Voltas website or refer to your warranty card for the most current contact details and service center

information.

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