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› Voltas 1.5 Ton 3 Star Fixed Speed Split AC 183 Vectra Elegant User Manual

Voltas 183 Vectra Elegant

Voltas 1.5 Ton 3 Star Fixed Speed Split AC 183 Vectra Elegant User Manual

Model: 183 Vectra Elegant

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Voltas 1.5 Ton 3 Star Fixed Speed Split Air Conditioner, model 183 Vectra Elegant. Please read this manual thoroughly before installation and use, and retain it for future reference.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the unit:

- Ensure the unit is installed by a qualified technician.
- Do not insert objects into the air outlet or inlet.
- Do not operate the unit with wet hands.
- Disconnect power before cleaning or maintenance.
- Keep children away from the unit.
- Use only the specified power supply voltage (230 Volts).

3. PRODUCT OVERVIEW

The Voltas 183 Vectra Elegant is a 1.5-ton fixed-speed split air conditioner designed for efficient cooling in medium-sized rooms (111 to 150 sq ft). It features a copper condenser coil for enhanced durability and cooling performance.

Key Components and Features:

- **Indoor Unit (IDU):** Houses the evaporator coil, fan, and control panel.
- **Outdoor Unit (ODU):** Contains the compressor and condenser coil.
- **Remote Control:** For convenient operation of all functions.

- **Copper Condenser Coil:** Provides better cooling and requires low maintenance, preventing rust and corrosion.
- **Fixed Speed Compressor:** Operates at a consistent speed for reliable cooling.
- **LED Display:** A hidden display on the indoor unit shows temperature and status.
- **R32 Refrigerant:** Environmentally friendly with no ozone depletion potential.

Anti-Dust Filter with Anti-Microbial Coating

Kills air microbes including germs,
bacteria & fungi



Anti-Corrosive Coating

Built to last with anti-corrosive
coating that withstands rusting
and wear.

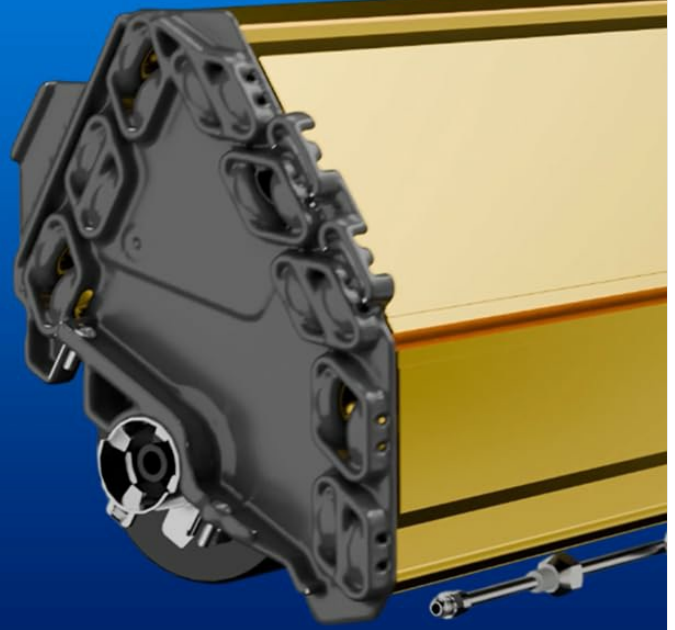


Image: Voltas 183 Vectra Elegant Indoor and Outdoor Units with dimensions. The indoor unit measures 96 cm (width) x 31.7 cm (height) x 23.5 cm (depth). The outdoor unit measures 83.5 cm (width) x 55.5 cm (height) x 29.5 cm (depth).

VOLTAS

A TATA Product **VOLTAS** Inverter

9:41
Energy Consumption Report
Power Consumption
kWh
11
10
9
8
7
6
5
4
3
2
1
01.01 01.04 01.07 01.10 01.13 01.16

⚡ Annual Power Consumption
997.82 kWh

5-Speed Fan Function

100V **VOLTAS** 290V
Wide Voltage Range

R32
Environment Friendly
R32 Coolant

Image: The indoor unit of the Voltas AC showing its hidden LED display, which illuminates to show the set temperature.

4. SETUP AND INSTALLATION

The installation of this split AC unit requires professional expertise. Please contact authorized service personnel for installation to ensure proper functioning and warranty validity.

Included Components for Installation:

- 1 Indoor Unit
- 1 Outdoor Unit
- 1 Inter Connecting Copper Pipe (3 feet length)
- 1 Remote Control
- 2N Battery
- 6N Screw

- 6N Nylon Sleeve
- 1N Cable
- Installation kit (3m Copper Wire)

Ensure all components are present before installation begins. The unit operates within a 230 Voltage range, allowing for stabilizer-free operation.

5. OPERATING INSTRUCTIONS

Your Voltas AC is controlled via the provided remote control. Point the remote control towards the indoor unit when operating.

Basic Operation:

1. **Power On/Off:** Press the **ON/OFF** button.
2. **Mode Selection:** Press the **MODE** button to cycle through modes (Cool, Fan, Dry, Auto).
3. **Temperature Adjustment:** Use the **Temperature Up/Down** buttons to set your desired temperature.
4. **Fan Speed:** Press the **FAN** button to adjust fan speed (5-speed function available).

Special Features:

- **Sleep Mode:** Activates quiet operation and adjusts temperature for comfortable sleep.
- **Turbo Mode:** Provides rapid cooling by operating at maximum fan speed for a set period.
- **Remote Lock:** Prevents accidental changes to settings.
- **Auto Restart:** The unit will automatically resume previous settings after a power outage.

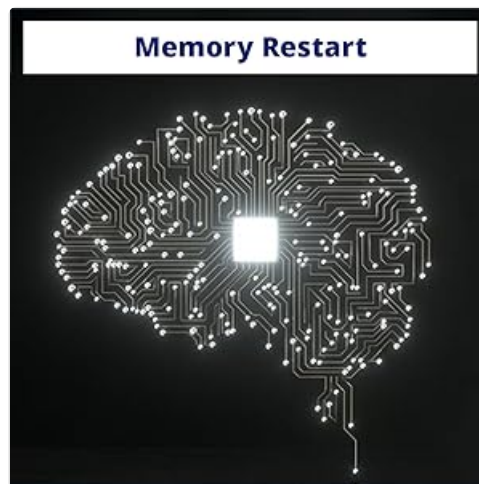


Image: Diagram illustrating the Memory Restart feature, which allows the AC to automatically restore its last operating settings after a power interruption.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your AC unit.

Cleaning the Anti-Dust Filter:

The Anti-dust filter with Antimicrobial Protection helps keep the air clean. Clean the filter regularly (every 2-4 weeks, depending on usage) to maintain airflow and efficiency.

1. Turn off the AC and disconnect power.
2. Open the front panel of the indoor unit.
3. Remove the air filters.
4. Clean filters with a vacuum cleaner or wash with lukewarm water and mild detergent.
5. Allow filters to dry completely before reinserting.
6. Close the front panel.

Fixed Speed Compressor

Runs at a fixed speed to achieve desired cooling with less energy consumption



100% Copper Condenser Tubes

Ensures faster cooling & long-lasting durability with superior corrosion resistance.



Image: Top section shows the Anti-Dust Filter with Anti-Microbial Coating, designed to kill air microbes. The bottom section displays the Anti-Corrosive Coating on internal components, built to resist rusting and wear.

Anti-Corrosive Coating:

The unit features an anti-corrosive coating on critical components to withstand rust and wear, enhancing durability. Periodically inspect the outdoor unit for any signs of corrosion or damage.

Anti-Fungal Technology:

The Anti-Fungal feature helps prevent the growth of mold and mildew inside the indoor unit, contributing to healthier air quality. This function typically runs automatically after the cooling operation stops.

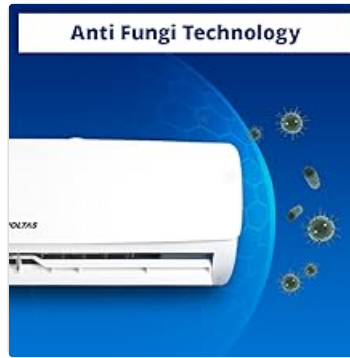


Image: Illustration depicting the Anti Fungi Technology, showing the indoor unit with protective barriers against fungal growth.

7. TROUBLESHOOTING

Before contacting customer service, review the following common issues and solutions:

| Problem | Possible Cause | Solution |
|--------------------------------|--|--|
| AC not cooling effectively | Dirty air filter, blocked outdoor unit, low refrigerant. | Clean air filter. Clear obstructions from outdoor unit. Contact service for refrigerant check. |
| Unit does not turn on | No power, remote control batteries dead. | Check power supply. Replace remote batteries. |
| Unusual noise | Loose parts, foreign object, compressor issue. | Turn off unit immediately and contact service. |
| Water leakage from indoor unit | Blocked drain pipe, improper installation. | Contact service for inspection and repair. |

The unit also features **Self Diagnosis** and **Low Gas Diagnosis** functions, which can display error codes on the LED display. Refer to the full service manual or contact customer support if an error code appears.

8. SPECIFICATIONS

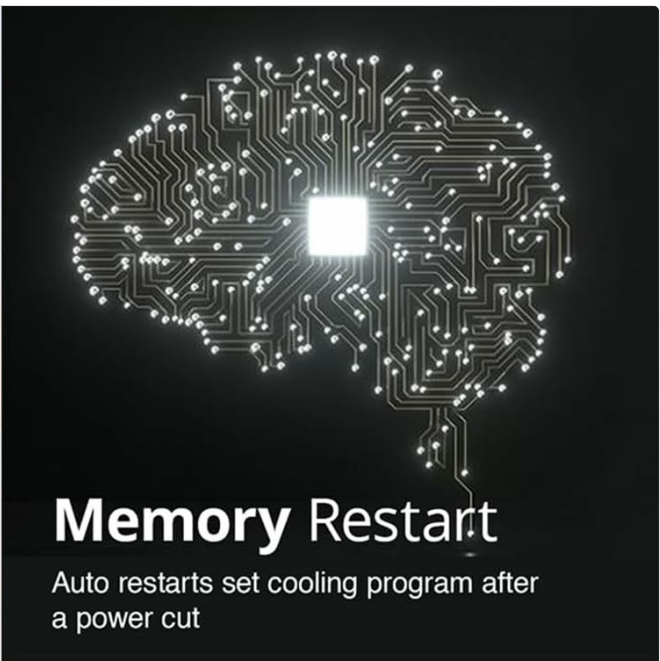
Detailed technical specifications for the Voltas 1.5 Ton 3 Star Fixed Speed Split AC 183 Vectra Elegant:

| Specification | Value |
|-------------------------------------|-----------------------------------|
| Brand | Voltas |
| Model Name | 183 Vectra Elegant |
| Capacity | 1.5 Tons |
| Energy Rating | 3 Star |
| Annual Energy Consumption | 997.82 kWh |
| ISEER Value | 3.80 |
| Cooling Power | 4900 Watts (Max) / 1.29 Kilowatts |
| Indoor Unit Dimensions (W x H x D) | 96 cm x 31.7 cm x 23.5 cm |
| Outdoor Unit Dimensions (W x H x D) | 83.5 cm x 55.5 cm x 29.5 cm |
| Indoor Unit Weight | 11.1 Kg |
| Outdoor Unit Weight | 35 Kg |
| Noise Level (IDU) | 47/45/43/38 dB |
| Refrigerant | R-32 |
| Condenser Coil Material | Copper |
| Compressor Type | Reciprocating (Non-Inverter) |
| Voltage | 230 Volts |
| Control Method | Remote Control |
| Floor Area Coverage | Up to 150 Square Feet |



Sleep Mode

Whisper quiet cooling throughout the night



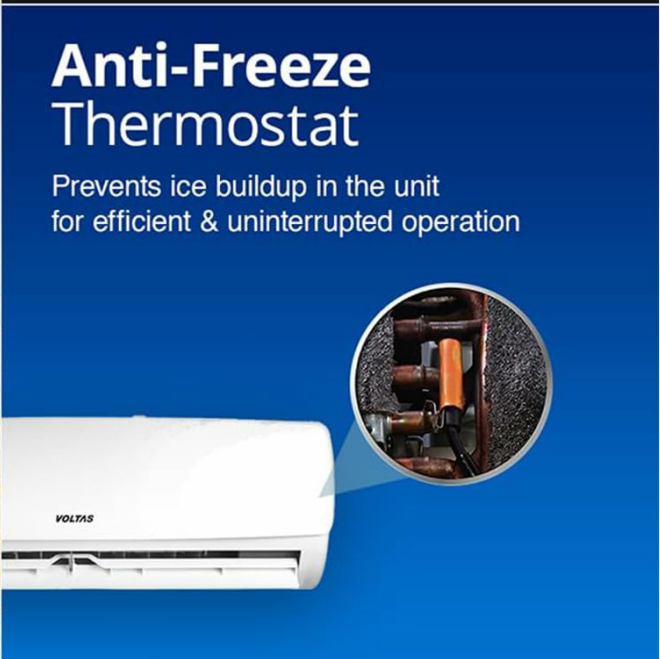
Memory Restart

Auto restarts set cooling program after a power cut



SuperDry Mode

Removes excess moisture from the air, keeping your space cool and fresh.



Anti-Freeze Thermostat

Prevents ice buildup in the unit for efficient & uninterrupted operation

Image: Infographic detailing key features including Annual Power Consumption (997.82 kWh), 5-Speed Fan Function, Wide Voltage Range (100V-290V), and Environmentally Friendly R32 Coolant.

9. WARRANTY AND SUPPORT

Your Voltas 183 Vectra Elegant AC comes with the following warranty:

- **Product Warranty:** 1 year comprehensive warranty on the product.
- **Compressor Warranty:** 10 years warranty on the compressor.
- **PCB Warranty:** 5 years warranty on PCB for purchases from Jan 2025 onwards.

To avail warranty services, please retain your Amazon invoice as proof of purchase. For any service requests, technical assistance, or to access the full user manual, please visit the official Voltas website or contact Voltas customer support.

Manufacturer Contact Information:

Voltas Limited

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