

Voltas 183 V VERTIS ELITE

Voltas 1.5 Ton 3 Star Inverter Split AC User Manual

Model: 183 V VERTIS ELITE

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 Split AC, Model 183 V VERTIS ELITE. 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.

- **Professional Installation:** Installation, maintenance, and repair must be performed by qualified service personnel.
- **Power Supply:** Ensure the power supply matches the specifications of the unit. Do not use damaged power cords or plugs.
- **Grounding:** The appliance must be properly grounded to avoid electric shock.
- **Clearance:** Maintain adequate clearance around the indoor and outdoor units for proper airflow.
- **Refrigerant:** The unit uses R32 refrigerant. Do not attempt to handle or release refrigerant yourself.
- **Cleaning:** Disconnect power before cleaning the unit. Use a soft, dry cloth for cleaning.

3. PRODUCT OVERVIEW

The Voltas 1.5 Ton 3 Star Inverter Split AC is designed for efficient cooling in medium-sized rooms. It features

an inverter compressor for variable speed operation, a copper condenser coil for enhanced durability, and multiple special functions for user comfort.

Indoor Unit

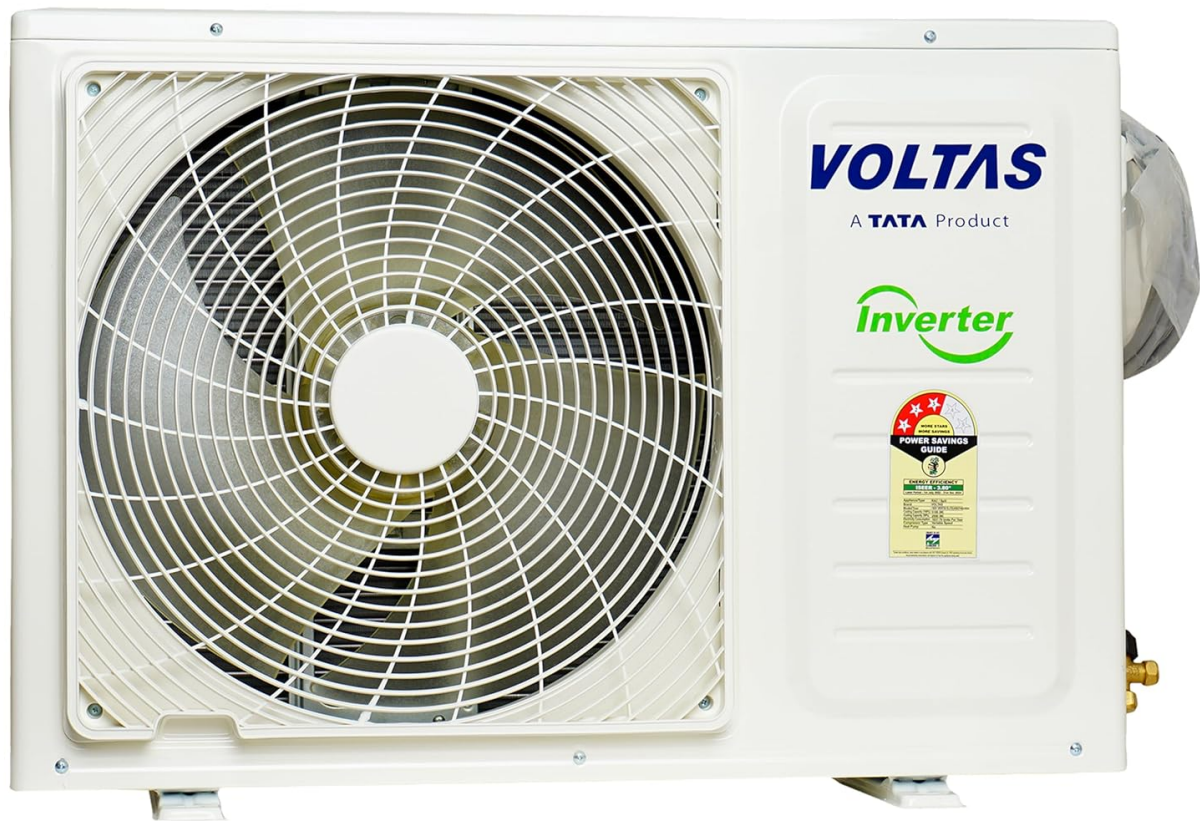


Front view of the Voltas 1.5 Ton Inverter Split AC indoor unit, showing the Voltas branding and energy rating sticker.



Angled view of the Voltas 1.5 Ton Inverter Split AC indoor unit, highlighting its sleek design.

Outdoor Unit



The outdoor unit of the Voltas 1.5 Ton Inverter Split AC, featuring the fan and protective grille.

Key Features:

- **5-in-1 Adjustable Mode:** Allows the AC to operate at different cooling capacities (20% to 120%) to suit varying cooling needs and save power.
- **Turbo Cooling:** Delivers higher airflow for rapid cooling of the room, eliminating hot spots quickly.
- **Ultra Silent Feature:** Operates with a low noise level (as low as 28dBA) for a comfortable environment.
- **Ice Wash Function:** Helps maintain optimal cooling performance and airflow by cleaning the indoor coil.
- **Filter Clean Indicator Function:** Reminds the user to clean the air filter, ensuring consistent cooling performance and energy efficiency.
- **High Ambient Cooling:** Capable of cooling effectively even at extreme ambient temperatures up to 52°C.
- **Anti-dust Filter:** Helps in filtering out dust particles from the air.
- **Anti-Corrosive Coating:** Protects the unit from rust and corrosion, increasing durability.
- **Self Diagnosis:** The unit can detect and display certain operational errors.

4. SETUP AND INSTALLATION

The Voltas 183 V VERTIS ELITE is a split-system air conditioner, requiring both an indoor and an outdoor unit. Professional installation by a certified technician is mandatory to ensure proper functioning, safety, and warranty validity.

Included Components:

- 1 x Indoor Unit
- 1 x Outdoor Unit
- 1 x Remote Control
- User Manual (this document)

During installation, ensure that the unit is placed on a stable surface, away from direct heat sources or obstructions that could impede airflow. The outdoor unit requires sufficient ventilation.

5. OPERATING INSTRUCTIONS

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

Remote Control



The remote control for the Voltas Inverter Split AC, showing various function buttons.

Basic Operation:

- **Power On/Off:** Press the **Power** button to turn the unit on or off.
- **Mode Selection:** Use the **MODE** button to cycle through available modes: Cool, Fan, Dry, Heat (if applicable), Auto.
- **Temperature Adjustment:** Use the **+** and **-** buttons to set your desired temperature.
- **Fan Speed:** Press the **FAN** button to adjust the fan speed (Auto, Low, Medium, High).
- **Swing Function:** Use **V.SWING** for vertical louver movement and **H.SWING** for horizontal louver movement to distribute air evenly.

Special Functions:

- **5-in-1 Adjustable Mode:** Activate this mode to select from five different tonnage capacities (e.g., 0.8 Ton, 1.0 Ton, 1.2 Ton, 1.5 Ton, 1.7 Ton) based on your cooling requirements. This helps in energy saving. Refer to the remote control for specific button or menu option to adjust this.
- **Turbo Mode:** Press the **TURBO** button for rapid cooling. The unit will operate at maximum fan speed and cooling capacity for a set period to quickly reach the desired temperature.

- **Sleep Mode:** Press the **SLEEP** button to activate. This mode adjusts the temperature gradually during sleep hours to ensure comfort and save energy.
- **LED Display:** The indoor unit features an LED display for temperature and mode indication.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your AC unit. Always disconnect power before performing any maintenance.

Filter Cleaning:

- The **Filter Clean Indicator** on the indoor unit will illuminate to remind you when the air filter needs cleaning.
- Open the front panel of the indoor unit and carefully remove the air filters.
- Clean the filters using a vacuum cleaner or wash them with lukewarm water and a mild detergent.
- Allow the filters to dry completely in a shaded area before reinserting them.
- Regular cleaning (every 2-4 weeks, depending on usage) is recommended even without the indicator.

Ice Wash Function:

- This function helps to clean the evaporator coil of the indoor unit.
- Refer to your remote control or specific unit instructions for activating the Ice Wash cycle.
- During this cycle, the unit will freeze the coil and then defrost it, washing away accumulated dust and grime.
- Use this function at regular intervals to maintain cooling efficiency and airflow.

General Cleaning:

- Wipe the indoor and outdoor unit surfaces with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the outdoor unit's coils are free from debris, leaves, and other obstructions.

7. TROUBLESHOOTING

Before contacting service, please check the following common issues. The unit's Self Diagnosis feature may display error codes on the LED display; consult your service center for specific code meanings.

Problem	Possible Cause	Solution
AC does not turn on	No power supply; Remote control batteries dead; Circuit breaker tripped.	Check power connection; Replace remote batteries; Reset circuit breaker.
Insufficient cooling	Dirty air filters; Blocked outdoor unit; Doors/windows open; Room too large; Temperature setting too high.	Clean air filters; Clear obstructions from outdoor unit; Close doors/windows; Adjust temperature setting.
Unusual noise	Loose parts; Unit not level; Obstruction in fan.	Contact service for inspection.

Problem	Possible Cause	Solution
Water leakage from indoor unit	Blocked drain pipe; Improper installation.	Contact service for inspection.

If the problem persists after attempting these solutions, or if an error code is displayed, please contact authorized Voltas service personnel.

8. SPECIFICATIONS

Detailed technical specifications for the Voltas 1.5 Ton 3 Star Inverter Split AC, Model 183 V VERTIS ELITE.

POWER SAVINGS GUIDE

ENERGY EFFICIENCY
ISEER - 3.80*
 Label Period : 1st July 2022 - 31st Dec 2024

Appliance/Type	: RAC/Split
Brand	: VOLTAS
Model/Year	: 183V VERTIS ELITE(4503746)/2024
Cooling Capacity (100%)	: 5100 (W)
Cooling Capacity (50%)	: 2550 (W)
Electricity Consumption	: 1037.79 Units Per Year
Compressor Type	: Variable Speed
Heat Pump	: No

ENERGY IS LIFE
BEE
CONSERVE IT
 BEE/AAP/2016/10

*Under test conditions, when tested in accordance with ISO 16358 & based on 1600 operating hours per annum. Actual electricity consumption will depend on how the appliance being used.

Energy efficiency label for the Voltas 1.5 Ton Inverter Split AC, showing ISEER and annual energy consumption.

Feature	Specification
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Feature	Specification
Brand	Voltas
Model Name	183 V VERTIS ELITE
Capacity	1.5 Tons
Cooling Power	5100 Kilowatts
Energy Rating	3 Star (BEE)
Annual Energy Consumption	1037 Kilowatt Hours Per Year
ISEER Value	3.80
Refrigerant	R32 (Environmental Friendly)
Noise Level (IDU)	46 Decibels
Product Dimensions (D x W x H)	29.5D x 83.5W x 55.5H Centimeters
Core Material	Copper
Inverter Type	Has Inverter
Installation Type	Split System
Voltage	230 Volts
Wattage	1750 Watts
Air Flow Efficiency	780 Cubic Feet Per Minute Per Watt
Control Method	Remote Control
Floor Area Coverage	Up to 150 Square Feet

9. WARRANTY AND SUPPORT

Your Voltas 1.5 Ton 3 Star Inverter Split AC comes with a comprehensive warranty to ensure peace of mind.

Warranty Details:

- **1 Year** on Product
- **5 Years** on PCB (Printed Circuit Board)
- **10 Years** on Compressor

Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects under normal use conditions. Damage due to improper installation, misuse, or unauthorized repairs is not covered.

Manufacturer Contact Information:

Voltas Limited

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

For service requests, technical support, or warranty claims, please contact Voltas customer service through their official channels. Refer to the Voltas website or your purchase documentation for the most current contact details.
