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> [Voltas 1.5 Ton 5 Star 5-in-1 Convertible Inverter Split AC, 185V Vertis Magnum User Manual](#)

## Voltas 185V Vertis Magnum

# Voltas 1.5 Ton 5 Star 5-in-1 Convertible Inverter Split AC

MODEL: 185V VERTIS MAGNUM USER MANUAL

## 1. IMPORTANT SAFETY INFORMATION

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Please read this manual thoroughly before installing and operating your air conditioner. Keep this manual for future reference. Always follow basic precautions to reduce the risk of fire, electric shock, or injury to persons.

- Installation must be performed by qualified personnel in accordance with national wiring standards.
- 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 the unit yourself. Contact authorized service personnel.
- Turn off the power supply before cleaning or maintenance.

## 2. PACKAGE CONTENTS

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Verify that all the following items are included in your package:

- 1 x Indoor Unit
- 1 x Outdoor Unit
- 1 x Inter Connecting Copper Pipe (3 feet length)
- 1 x Remote Control
- 1 x User Manual (this document)
- 1 x Warranty Card
- 2 x Batteries (for remote control)
- 6 x Screws
- 6 x Nylon Sleeves
- 1 x Cable
- 1 x Installation Kit (3m Copper Wire)

## 3. SETUP AND INSTALLATION

### 3.1 Professional Installation

It is highly recommended that the Voltas 1.5 Ton 5 Star Inverter Split AC be installed by a certified and experienced technician. Improper installation can lead to reduced performance, damage to the unit, or safety hazards.

### 3.2 Unit Placement

**Indoor Unit:** Select a location that allows for even air distribution throughout the room, away from direct sunlight or heat sources. Ensure sufficient space around the unit for maintenance and airflow.



Figure 3.2.1: Front view of the Voltas 185V Vertis Magnum Indoor Unit.



Figure 3.2.2: Angled view of the Voltas 185V Vertis Magnum Indoor Unit, showing its sleek design.

**Outdoor Unit:** Position the outdoor unit in a well-ventilated area, away from obstructions that could impede airflow. Ensure it is on a stable, level surface and protected from direct exposure to harsh weather conditions where possible.



Figure 3.2.3: The outdoor unit of the Voltas 185V Vertis Magnum Split AC.

### 3.3 Remote Control Battery Installation

Open the battery compartment cover on the back of the remote control. Insert the two supplied batteries, ensuring the positive (+) and negative (-) ends match the markings inside the compartment. Close the cover securely.

## 4. OPERATING INSTRUCTIONS

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Familiarize yourself with the remote control for optimal use of your Voltas AC.



Figure 4.0.1: Layout of the Voltas AC remote control.

## 4.1 Basic Operation

- **Power On/Off:** Press the **Power button** (usually orange) to turn the unit on or off.
- **Mode Selection:** Press the **MODE button** to cycle through available modes: Auto, Cool, Dry, Fan.
- **Temperature Adjustment:** Use the **Temp + / - buttons** to increase or decrease the desired temperature.
- **Fan Speed:** Press the **FAN button** to select from 5 fan speeds (Auto, Low, Medium, High, Turbo).
- **Swing Function:** Use the **V.SWING** (Vertical Swing) and **H.SWING** (Horizontal Swing) buttons to adjust the airflow direction. The 4-Way Swing feature distributes air uniformly.

## 4.2 Special Features

- **5-Stage Maha Adjustable Mode:** This mode allows the AC to operate at varying cooling capacities (e.g., 1 Ton, 1.5 Ton, 1.6 Ton, 2 Ton) based on the number of occupants and ambient temperature. This optimizes power consumption.
- **Anti-Microbial Air Filtration:** The built-in filtration system helps to eradicate microbes, bacteria, and fungi, providing cleaner air.

- **Filter Clean Indicator (CL Indicator):** The unit will display a 'CL' indicator to remind you when the air filter needs cleaning. Refer to the maintenance section for cleaning instructions.
- **High Ambient Cooling:** This AC is designed to cool effectively even at extreme ambient temperatures, up to 52°C.
- **Ice Wash (Automatic Coil Cleaning):** Activate this feature to automatically clean the evaporator coil through a frosting and defrosting process. This improves cooling efficiency and overall performance.
- **Super Silent Operation:** The AC operates at noise levels as low as 28dB(A) in certain modes, ensuring a quiet environment.
- **Sleep Mode:** This mode automatically adjusts the temperature and fan speed to maintain comfort during sleep while optimizing power consumption.
- **Superdry Mode:** Designed to capture excess moisture from the air, this mode runs at a predefined temperature and low indoor blower speed to dehumidify the room effectively.
- **Wide Voltage Operation:** The AC can operate within a wide voltage range of 110-285V, protecting it from voltage fluctuations.

## 5. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your air conditioner. Always turn off the power supply to the unit before performing any maintenance.

### 5.1 Air Filter Cleaning

The 'CL' indicator on your unit will signal when the air filter requires cleaning. Dirty filters can reduce cooling efficiency and airflow.

1. Open the front panel of the indoor unit.
2. Carefully remove the air filters.
3. Clean the filters using a vacuum cleaner or wash them gently with lukewarm water and a mild detergent.
4. Rinse thoroughly and allow them to dry completely in a shaded area before reinserting.
5. Close the front panel.

### 5.2 Coil Cleaning (Ice Wash)

Utilize the built-in Ice Wash feature periodically to automatically clean the evaporator coil. This helps prevent mold and bacteria buildup and maintains cooling efficiency. Refer to your remote control instructions for activating this specific function.

### 5.3 General Cleaning

Wipe the indoor unit's exterior with a soft, damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the surface.

### 5.4 Seasonal Maintenance

Before the start of the cooling season, it is advisable to have a professional technician inspect the refrigerant levels, electrical connections, and overall system for optimal performance.

## 6. TROUBLESHOOTING

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Before contacting service, please check the following common issues:

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
AC does not turn on	No power supply; Remote control batteries dead; Circuit breaker tripped.	Check power connection; Replace batteries; Reset circuit breaker.
Insufficient cooling	Dirty air filters; Blocked outdoor unit; Doors/windows open; Temperature setting too high.	Clean air filters; Clear obstructions; Close openings; Lower temperature setting.
Unusual noise	Loose parts; Unit not level; Foreign object inside.	Check for loose parts; Ensure unit is level; Turn off and inspect for objects.
Water leakage	Clogged drain pipe; Improper installation.	Clear drain pipe; Contact professional for inspection.

If the problem persists after attempting these solutions, please contact Voltas customer support or an authorized service technician.

## 7. SPECIFICATIONS

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Technical specifications for the Voltas 1.5 Ton 5 Star 5-in-1 Convertible Inverter Split AC, Model 185V Vertis Magnum:

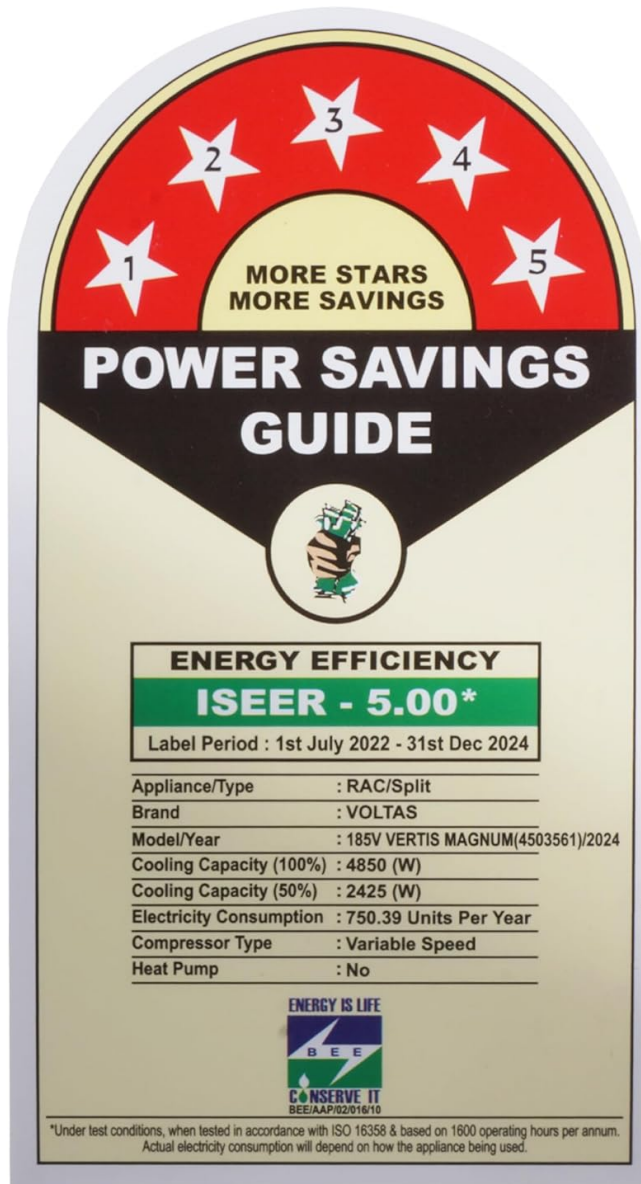


Figure 7.0.1: Energy Savings Guide label for the Voltas 185V Vertis Magnum AC.



Figure 7.0.2: Dimensions of the Voltas 185V Vertis Magnum Indoor Unit.

Feature	Specification
Brand	Voltas
Model	185V Vertis Magnum
Capacity	1.5 Tons
Energy Efficiency	5 Star (ISEER - 5.00*)
Annual Energy Consumption	750.39 Kilowatt Hours Per Year
Noise Level (Indoor Unit)	As low as 28 Decibels (in Super Silent Operation mode)
Installation Type	Split System
Cooling Power	4850 Watts

Feature	Specification
Voltage	230 Volts (Operating Range: 110-285V)
Material	Plastic
Indoor Unit Dimensions (LxWxH)	96 x 29.5 x 11.1 Centimeters
Indoor Unit Weight	12 kg
Manufacturer	Voltas Limited

## 8. WARRANTY AND SUPPORT

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### 8.1 Warranty Information

Your Voltas 1.5 Ton 5 Star 5-in-1 Convertible Inverter Split AC comes with a warranty. Please refer to the included Warranty Card for detailed terms, conditions, and the duration of the warranty period. Keep your purchase receipt as proof of purchase for warranty claims.

### 8.2 Customer Support

For any technical assistance, service requests, or inquiries regarding your Voltas AC, please contact Voltas customer support. Contact details can typically be found on the Warranty Card or the official Voltas website.

**Online Resources:** For additional information, FAQs, and support, visit the official Voltas website:

[www.voltas.com](http://www.voltas.com)