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## Voltas 4503702

# Voltas 185V Vertis Smart Elite Gold 1.5 Ton 5 Star Inverter Split AC

Model: 4503702 | Brand: Voltas

## IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before installing, operating, or performing maintenance on your air conditioner. Keep this manual for future reference.

- Ensure the unit is installed by a qualified technician to prevent electric shock, fire, or injury.
- 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 performing any maintenance.
- Use only the specified power supply voltage.
- Keep the area around the outdoor unit clear to ensure proper airflow.

## PRODUCT OVERVIEW

The Voltas 185V Vertis Smart Elite Gold is a 1.5-ton, 5-star inverter split air conditioner designed for efficient and comfortable cooling. It features advanced technologies for enhanced performance and user convenience.

### Key Features:

- **1.5 Ton Capacity:** Suitable for medium-sized rooms (111 to 150 sq ft).
- **5 Star Energy Rating:** High energy efficiency as per 2025 BEE guidelines, with an ISEER Value of 5.
- **Inverter Compressor:** Variable speed compressor adjusts power based on heat load, offering energy savings.
- **5-in-1 Adjustable Cooling Modes:** Allows operation in different tonnages (0.75 Tr to 2 Tr) to suit varying cooling needs and save power.
- **Wi-Fi Enabled (IoT-Enabled):** Control your AC remotely using the Voltas Smart Air App, compatible with Alexa and Google Assistant.
- **High Ambient Cooling:** Designed to cool effectively even at extreme temperatures up to 52°C.
- **Anti Dust with Anti Microbial Filter:** Ensures cleaner, healthier air by filtering dust and inhibiting microbial

growth.

- **100% Copper Condenser:** Provides superior heat transfer, durability, and requires minimal maintenance. Features rust and corrosion-resistant properties.
- **Stabilizer-Free Operation:** Operates safely within a voltage range of 110V to 285V.
- **Hidden Digital Temperature Display:** Integrated display on the indoor unit.
- **Turbo Mode:** For rapid cooling.
- **Dual Temp Display:** Shows both set and ambient temperatures.
- **Self Diagnosis:** Helps identify and display error codes for easier troubleshooting.
- **R32 Refrigerant:** Environmentally friendly with no ozone depletion potential.
- **4-Way Air Swing:** Ensures uniform cooling throughout the room.
- **Memory Restart:** Automatically resumes previous settings after a power cut.
- **Filter Clean Indicator:** Alerts when the filter needs cleaning.
- **Sleep Mode:** Adjusts temperature for comfortable sleep.
- **Super Silent Operation:** Specially designed to operate below 28dB for peaceful sleep.
- **Ice Wash Technology:** Smart self-cleaning feature that removes dirt by freezing and then melting ice.
- **Hydrophilic Blue Fin Coating on Evaporator:** Reduces mold, keeps coil dry, and enhances cooling efficiency.
- **Anti-Corrosive Coating on EVA (HP Side):** Protects components from corrosion.

#### **Included Components:**

- 1 Indoor Unit
- 1 Outdoor Unit
- 3 m Length Inter Connecting Copper Pipe
- 1 Remote Control



Image: Voltas 185V Vertis Smart Elite Gold Indoor Unit, showcasing its sleek design.

# BUILT TO BEAT

The Indian Summer's Heat



**5 Step Adjustable Cooling Modes** adjust cooling based on the number of occupants



**High Temperature Ambient Cooling**  
Delivers Cooling Even In **52°**



**6-Speed Fan Function**  
For Customisable Airflow Options



**Ice Wash Technology**

Image: Overview of Voltas Vertis Series AC features including 100% Copper Condenser, Ice Wash Technology, Super Silent Operation, and Inverter AC.

Your browser does not support the video tag.

Video: Official product video demonstrating the smart features, adjustable modes, and silent operation of the Voltas Smart Air AC. This video highlights the convenience of app control, energy consumption tracking, and various cooling functionalities.

## INSTALLATION GUIDE

Proper installation is crucial for the optimal performance and longevity of your Voltas AC. It is highly recommended that installation be performed by a certified and authorized Voltas service technician.

### General Guidelines:

- **Location:** Choose a location for the indoor unit that allows for even air distribution and is away from direct sunlight or heat sources. The outdoor unit should be placed in a well-ventilated area, away from obstructions.
- **Mounting:** Ensure both indoor and outdoor units are securely mounted on stable surfaces.
- **Drainage:** Verify that the drainage hose is properly installed to allow for efficient condensate removal.
- **Electrical Connection:** Connect the unit to a dedicated power circuit with appropriate voltage and grounding as per local electrical codes.
- **Refrigerant Piping:** The 3-meter copper pipe included should be correctly connected, and the system must be vacuumed to remove air and moisture before charging with R32 refrigerant.

For detailed installation steps, please refer to the comprehensive installation manual provided by the technician or available on the official Voltas website. Incorrect installation can void your warranty and lead to operational issues or safety hazards.

## OPERATING INSTRUCTIONS

Your Voltas Smart Elite Gold AC offers various modes and features for personalized comfort. Use the remote control or the Voltas Smart Air app to manage settings.

### Remote Control Functions:

- **Power Button:** Turns the AC On/Off.
- **Mode Button:** Cycles through cooling, fan, dry, and auto modes.
- **Temperature Adjustment:** Use + and - buttons to set desired temperature.
- **Fan Speed:** Adjusts fan speed (Auto, Low, Medium, High).
- **Swing Button:** Controls horizontal and vertical air swing for uniform distribution.
- **Turbo Button:** Activates maximum cooling for quick temperature reduction.
- **Sleep Button:** Engages Sleep Mode for optimized night-time comfort and energy saving.
- **Timer Button:** Set auto-on/off times.
- **5-in-1 Adjustable Mode:** Press the dedicated button to cycle through different tonnage settings (0.75 Tr, 1 Tr, 1.2 Tr, 1.5 Tr, 2 Tr) to match room occupancy and save energy.

### Voltas Smart Air App (Wi-Fi Control):

Download the Voltas Smart Air app from your smartphone's app store (Google Play Store or Apple App Store). Follow the in-app instructions to connect your AC to your home Wi-Fi network.

- **Remote Control:** Adjust all AC settings from anywhere.
- **Energy Consumption Tracking:** Monitor daily, weekly, and monthly energy usage to optimize efficiency.
- **Voice Control:** Integrate with Alexa or Google Assistant for hands-free operation.
- **Smart Sleep Mode:** The app allows for more advanced sleep settings that adapt to your body's needs throughout the night.



### UNMATCHED ENERGY EFFICIENCY

Tap into the world of efficient energy use with the Inverter Compressor.

### BUILT TO LAST

100% Copper Condenser resists rust to ensure a lasting performance.

Image: Illustration of the 5-in-1 Adjustable Cooling Modes, showing different cooling capacities for varying numbers of people.



Image: Diagram showing the IoT-enabled features of the Voltas AC, allowing smart control via smartphone apps and voice assistants.

## MAINTENANCE

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Regular maintenance ensures efficient operation, prolongs the life of your AC, and maintains air quality.

### Filter Cleaning:

- The AC features an **Anti Dust with Anti Microbial Filter**.
- Clean the air filters every two weeks, or more frequently if the AC is used heavily or in dusty environments. The **Filter Clean Indicator** will alert you when cleaning is needed.
- To clean:
  1. Turn off the AC and disconnect power.
  2. Open the front panel of the indoor unit.
  3. Remove the air filters.
  4. Wash the filters with lukewarm water and a mild detergent. Rinse thoroughly.
  5. Allow filters to dry completely in a shaded area before reinserting.
  6. Close the front panel and restore power.

### Ice Wash Technology (Self-Cleaning):

This feature automatically cleans the indoor coil by freezing and then melting ice, washing away accumulated dirt and dust. Refer to your remote control or app for activating this function.

### Professional Servicing:

Schedule professional servicing at least once a year. A technician can check refrigerant levels, clean coils, inspect electrical connections, and ensure all components are functioning correctly.



Image: Close-up of the Anti-dust Filter with Anti-microbial Coating, highlighting its protective features.



Image: Visual representation of the Ice Wash Technology in action, showing ice formation and melting for deep coil cleaning.

## TROUBLESHOOTING

Before contacting customer support, review these common issues and solutions.

Problem	Possible Cause	Solution
AC not turning on	No power, remote batteries low, circuit breaker tripped.	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling	Dirty air filters, blocked outdoor unit, wrong mode, low refrigerant.	Clean filters, clear obstructions, select correct mode, contact service for refrigerant check.
Unusual noise	Loose parts, fan obstruction, unit not level.	Check for loose parts, remove obstructions, ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit	Blocked drain hose, improper installation, frozen coil.	Clear drain hose, ensure proper slope. If coil is frozen or leakage persists, contact service.
Remote control not working	Dead batteries, obstruction, remote out of range.	Replace batteries, remove obstructions, ensure remote is within range of indoor unit.
Wi-Fi connectivity issues	Router issues, incorrect Wi-Fi password, app not updated.	Restart router, verify Wi-Fi password, update Voltas Smart Air app, ensure AC is within Wi-Fi range.

If the problem persists after attempting these solutions, please contact Voltas customer support.

## SPECIFICATIONS

Feature	Detail
Brand	Voltas
Model Number	4503702
Capacity	1.5 Tons
Energy Efficiency Rating	5 Star (BEE 2025 guidelines)
Annual Energy Consumption (kWh/year)	758.96
ISEER Value	5.0
Cooling Power	5.4 Kilowatts
Noise Level (Indoor Unit)	46 / 45 / 43 / 38 / 28 dB (various fan speeds)
Installation Type	Split System
Refrigerant Gas	R32
Voltage Range	110 - 285 Volts (Stabilizer-free operation)

Feature	Detail
Indoor Unit Dimensions (LxWxH)	96 x 31.7 x 23.5 cm
Outdoor Unit Dimensions (LxWxH)	83.5 x 55.5 x 29.5 cm
Indoor Unit Weight	11.1 kg
Outdoor Unit Weight	26 kg
Material	Plastic
Country of Origin	India



Image: Diagram showing the dimensions of both the indoor and outdoor units of the Voltas AC.

A TATA Product

VOLTAS



**VOLTAS ADJUSTABLE™**  
INVERTER AC

Different Cooling Capabilities Different Cooling Needs



Image: Energy efficiency label for the Voltas AC, indicating 5-star rating and ISEER value.

## WARRANTY AND SUPPORT

Your Voltas 185V Vertis Smart Elite Gold AC comes with a comprehensive warranty to ensure peace of mind.

- **Comprehensive Product Warranty:** 5 Years (for purchases made from 19th Sep'25 to 31st March '26).
- **Inverter Compressor Warranty:** 10 Years.
- **PCB Warranty:** 5 Years (for purchases made from Jan 2025 onwards).

To avail warranty services, please retain your Amazon invoice as proof of purchase. The user manual can also be accessed from the official Voltas brand website.

For any service requests, technical assistance, or warranty claims, please contact Voltas customer care. Contact details can be found on the Voltas official website or your purchase documentation.

**Note:** The current star rating is based on the 2025 BEE guidelines. Under the new 2026 BEE guidelines (effective from 1st Jan 2026), this product will be rated one star lower.