

## Voltas 183V VECTRA ZENITH SILVER

# Voltas 183V VECTRA ZENITH SILVER 1.5 Ton 3 Star Inverter Split AC User Manual

Model: 183V VECTRA ZENITH SILVER

## 1. INTRODUCTION

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Thank you for choosing the Voltas 183V VECTRA ZENITH SILVER 1.5 Ton 3 Star Inverter Split Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

This air conditioner is designed to provide comfortable cooling for residential spaces such as bedrooms and living rooms, featuring an Inverter Compressor for energy efficiency and consistent cooling.

# Cooling That Keeps Going

Stay cool for years to come with Voltas' durable build and efficient features

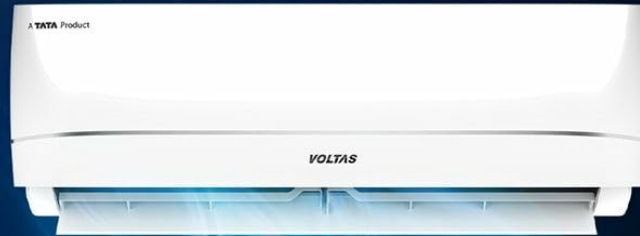


Image 1.1: The Voltas 183V VECTRA ZENITH SILVER AC providing consistent cooling.

## 2. SAFETY INFORMATION

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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 installed by a qualified technician.
- Do not operate the unit with wet hands.
- Do not insert fingers or objects into the air inlet/outlet.
- Ensure the power supply matches the unit's specifications.
- Do not attempt to repair the unit yourself. Contact authorized service personnel.
- Keep flammable materials away from the unit.
- Ensure proper ventilation for the outdoor unit.

## 3. PRODUCT OVERVIEW

### 3.1 Components

The Voltas 183V VECTRA ZENITH SILVER is a split-system air conditioner, consisting of two main units:

- **Indoor Unit:** Mounted inside the room, responsible for cooling and air circulation.
- **Outdoor Unit:** Mounted outside, containing the compressor and condenser.



Image 3.1: Overview of the indoor unit, outdoor unit, remote control, and energy efficiency guide.

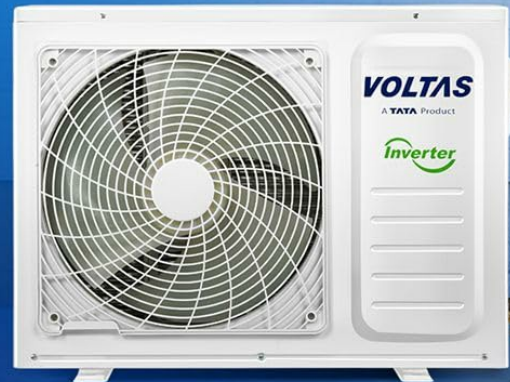
### 3.2 Key Features

- **Capacity:** 1.5 Tons, suitable for medium to large rooms.
- **Inverter Compressor:** Smartly adjusts speed for faster and consistent cooling with maximum energy efficiency.
- **3 Star BEE Rating:** Indicates good energy efficiency, helping to reduce electricity consumption.
- **100% Copper Condenser Tubes:** Ensures faster cooling, enhanced durability, and superior corrosion resistance.
- **Dust Filter:** Helps to filter out dust and other particles from the air.
- **R-32 Refrigerant:** Environmentally friendly refrigerant with low global warming potential.

- **High Ambient Cooling:** Capable of cooling effectively even at extremely hot temperatures up to 52° Celsius.
- **U-Bend Anti-Corrosive Coating:** Protects critical components from rust and corrosion, extending product life.
- **4-in-1 Adjustable Cooling:** Allows the unit to run at different capacities based on ambient temperature and room occupancy.
- **Superdry Mode:** Effectively removes excess moisture from the air, ideal for humid conditions.
- **2-Way Swing & Long Air Throw:** Ensures uniform cooling across the room.

## Inverter Compressor

Smartly adjusts speed  
for faster & consistent cooling  
with maximum energy efficiency.



## 100% Copper Condenser Tubes

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



Image 3.2: Details of the Inverter Compressor and 100% Copper Condenser Tubes.



## High Ambient Cooling

Cools effortlessly even at extremely hot temperatures upto 52° Celsius

## U-Bend Anti-Corrosive Coating

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

Image 3.3: Illustration of high ambient cooling capability and the U-Bend anti-corrosive coating.

## 4. SETUP (INSTALLATION)

The Voltas 183V VECTRA ZENITH SILVER is a split-system air conditioner, requiring both an indoor and an outdoor unit to be installed. Proper installation is crucial for the unit's performance, safety, and longevity.

- **Professional Installation Required:** Due to the complexity of refrigerant handling, electrical connections, and mounting, it is mandatory to have this air conditioner installed by a certified and authorized Voltas service technician. Attempting self-installation will void the warranty and may lead to serious injury or damage.
- **Location Selection:** The indoor unit should be placed where air can circulate freely and evenly throughout the room. The outdoor unit requires an open space for proper heat dissipation and should be easily accessible for maintenance.
- **Electrical Requirements:** Ensure the electrical circuit meets the specifications outlined in the 'Specifications' section of this manual. A dedicated circuit is often recommended.
- **Drainage:** The indoor unit produces condensation, which must be properly drained. Ensure the drain hose is correctly installed to prevent water leakage.

Your installation technician will handle all aspects, including mounting, piping, wiring, and vacuuming the refrigerant lines.

## 5. OPERATING INSTRUCTIONS

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Your Voltas AC can be operated using the provided remote control or the manual buttons on the indoor unit.

### 5.1 Remote Control Operation

The remote control allows you to conveniently adjust settings from anywhere in the room. Ensure there are no obstructions between the remote and the indoor unit's receiver.

- **Power Button:** Press to turn the unit ON or OFF.
- **Mode Button:** Cycle through operating modes: Cool, Fan, Dry (Superdry).
- **Temperature Buttons (+/-):** Adjust the desired temperature setting.
- **Fan Speed Button:** Select desired fan speed (Auto, Low, Medium, High).
- **Swing Button:** Activate or deactivate the horizontal louver swing for even air distribution.
- **Timer Button:** Set the ON/OFF timer for automatic operation.

### 5.2 Operating Modes

- **Cool Mode:** Provides cooling. Set your desired temperature.
- **Fan Mode:** Circulates air without cooling. Useful for ventilation.
- **Dry (Superdry) Mode:** Reduces humidity in the room without significant temperature drop. Ideal for monsoon seasons.



Image 5.1: Features like Superdry Mode for effective dehumidification.

### 5.3 4-in-1 Adjustable Cooling

This feature allows you to adjust the cooling capacity of the AC based on the ambient temperature and the number of people in the room, optimizing energy consumption and comfort.

- **Mode 1 (Gentle Cooling):** For energy savings, suitable for up to 2 people.
- **Mode 2 (Moderate Cooling):** Balanced cooling, suitable for up to 3 people.
- **Mode 3 (Accelerated Cooling):** Increased cooling, suitable for up to 5 people.
- **Mode 4 (Turbo Fast Cooling):** Maximum cooling, suitable for more than 5 people or rapid cooling.

# 4-IN-1 Adjustable Cooling

Runs at 4 different capacities depending on the ambient temperature or number of people in the room.



Mode 1  
Gentle Cooling For Energy-Savings  
**Upto 2 People**



Mode 2  
Moderate Cooling  
**Upto 3 People**



Mode 3  
Accelerated Cooling  
**Upto 5 People**



Mode 4  
Turbo Fast Cooling  
**More Than 5 People**

Image 5.2: Visual representation of the 4-in-1 adjustable cooling feature.

## 5.4 Airflow Adjustment

- **2-Way Swing:** The horizontal louvers automatically move to distribute air evenly.
- **Long Air Throw:** Designed to project cool air over a greater distance, ensuring uniform cooling even in larger rooms.
- **4 Step Adjustable Mode:** Allows for precise control over the fan speed and airflow intensity.



Image 5.3: Features like Extended Facia, 2-Way Swing, Long Air Throw, and 4 Step Adjustable Mode for enhanced comfort.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance, energy efficiency, and extends the lifespan of your air conditioner. Always turn off the power supply to the unit before performing any maintenance.

### 6.1 Air Filter Cleaning

The dust filter should be cleaned every two weeks or more frequently depending on usage and air quality.

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

### 6.2 Indoor Unit Surface Cleaning

Wipe the indoor unit's surface with a soft, dry cloth. For stubborn dirt, use a damp cloth with a mild detergent, then wipe dry. Do not use harsh chemicals, abrasives, or solvents.

### 6.3 Outdoor Unit Maintenance

The outdoor unit should be kept free from obstructions like leaves, dust, and debris. Periodically check and clean the outdoor coil fins. This should ideally be done by a professional technician during annual servicing.

The U-Bend Anti-Corrosive Coating and 100% Copper Condenser Tubes are designed for enhanced durability and corrosion resistance, reducing the need for frequent component replacement, but regular cleaning is still recommended.



Image 6.1: Close-up of Hydrophilic Blue/Gold Fins, U-Bend anti-corrosive coating, and 100% Copper Condenser Tubes, highlighting durable components that benefit from regular cleaning.

### 6.4 Professional Servicing

It is highly recommended to schedule professional servicing at least once a year, preferably before the cooling season begins. A technician can perform thorough cleaning, check refrigerant levels, inspect electrical connections, and ensure all components are functioning correctly.

## 7. TROUBLESHOOTING

Before contacting customer support, please check the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not start	No power, circuit breaker tripped, remote batteries dead.	Check power supply, reset breaker, replace remote batteries.
Insufficient cooling	Dirty air filter, blocked outdoor unit, wrong mode selected, room too large.	Clean air filter, clear obstructions from outdoor unit, select Cool mode, ensure room size is appropriate for 1.5 Ton AC.
Unusual noise	Loose parts, foreign objects, compressor noise (normal).	Check for loose parts, remove foreign objects. If noise is excessive or unusual, contact service.
Water leakage from indoor unit	Blocked drain hose, improper installation.	Check and clear drain hose. If problem persists, contact service.
Remote control not working	Dead batteries, obstruction, remote sensor blocked.	Replace batteries, remove obstructions, ensure remote is pointed at the indoor unit.

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

## 8. SPECIFICATIONS

Detailed technical specifications for the Voltas 183V VECTRA ZENITH SILVER Air Conditioner:

Feature	Value
Brand	Voltas
Model Name	183V VECTRA ZENITH SILVER
Capacity	1.5 Tons
Cooling Power	4.8 Kilowatts
BEE Star Rating	3 Star
Seasonal Energy Efficiency Ratio (SEER)	3.81
Annual Energy Consumption	975.26 Kilowatt Hours Per Year
Special Features	Dust Filter, Fast Cooling, Inverter Compressor, Remote Controlled
Product Dimensions (D x W x H)	20D x 88W x 27H Centimeters
Colour	White
Noise Level	55 Decibels

Feature	Value
Refrigerant	R-32
Core Material	Copper
Inverter Type	Has Inverter
Installation Type	Split System
Compressor Type	Rotary Scroll
Voltage	230 Volts
Wattage	1650 Watts
Item Weight	34000 Grams
Control Method	Push Button, Remote
Room Type	Bedroom, Living Room
Included Components	1 Indoor Unit, 1 Outdoor Unit

## 9. WARRANTY & SUPPORT

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### 9.1 Warranty Information

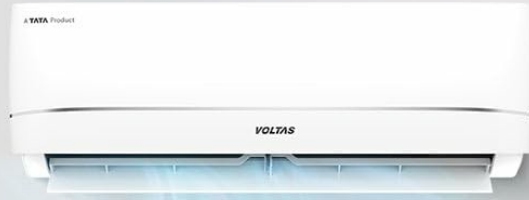
Your Voltas 183V VECTRA ZENITH SILVER Air Conditioner comes with a comprehensive warranty to ensure peace of mind:

- **1 Year Product Warranty:** Covers manufacturing defects for the entire unit for one year from the date of purchase.
- **10 Years Compressor Warranty:** A dedicated warranty for the Inverter Compressor, covering it for ten years from the date of purchase.

Please retain your purchase invoice for warranty claims. The warranty is subject to the terms and conditions specified by Voltas, including proper installation by an authorized technician.

# MADE IN INDIA

Keeping India Cool Since 1954



**1** Year  
Product  
WARRANTY

**10** Years  
Compressor  
WARRANTY



Image 9.1: Visual representation of the product and compressor warranty periods.

## 9.2 Customer Support

For any service requests, technical assistance, or warranty claims, please contact Voltas customer support:

- **Manufacturer:** Universal Comfort Products Ltd
- **Address:** Plot no-1, Sector-10, IIE, Pantnagar, Rudrapur- 263153, Uttarakhand, India.
- **Contact Number:** 18605994555

When contacting support, please have your model number (183V VECTRA ZENITH SILVER) and purchase details ready.