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Voltas SAC 183VH Vectra Zenith

Voltas 1.5 Ton 3 Star Hot & Cold Inverter Split AC (Model: SAC 183VH Vectra Zenith Silver) User Manual

1. Introduction and Overview

Thank you for choosing the Voltas 1.5 Ton 3 Star Hot & Cold Inverter Split AC, model SAC 183VH Vectra Zenith Silver. This air conditioner is designed to provide efficient cooling and heating for medium-sized rooms (111-150 sq ft), operating effectively even in extreme ambient temperatures up to 52°C for cooling and -7°C for heating. Featuring an inverter compressor, copper condenser coil, and 4-in-1 adjustable cooling modes, this unit offers reliable performance and energy efficiency. This manual provides essential information for the safe installation, operation, and maintenance of your new AC unit.

2. Safety Information

Please read all safety instructions carefully before operating the appliance. Failure to follow these instructions may result in electric shock, fire, injury, or property damage.

- **Electrical Safety:** Ensure the power supply matches the unit's requirements (230 Volts). Do not use damaged power cords or plugs. Never operate the AC with wet hands.
- **Installation:** Installation must be performed by qualified and authorized personnel. Improper installation can lead to water leakage, electric shock, or fire.
- **Refrigerant:** This unit uses R32 refrigerant. Do not attempt to service the refrigerant system yourself. Contact qualified service personnel.
- **Children and Pets:** Keep children and pets away from the outdoor unit. Do not allow children to play with the remote control.
- **Maintenance:** Always disconnect power before cleaning or performing maintenance. Do not spray water directly onto the unit.
- **Ventilation:** Ensure proper ventilation around the outdoor unit for efficient operation.

3. Product Features

The Voltas SAC 183VH Vectra Zenith Silver AC is equipped with several advanced features for enhanced comfort and efficiency:

- **Inverter Compressor:** Variable speed compressor adjusts power based on heat load, ensuring faster and consistent cooling with maximum energy efficiency.

- **Hot & Cold Functionality:** Provides both cooling and heating capabilities for year-round comfort.
- **4-in-1 Adjustable Mode:** Allows the AC to operate at different capacities (tonnages) to suit varying cooling needs and room occupancy.
- **100% Copper Condenser Tubes:** Ensures better cooling, low maintenance, and enhanced durability with superior corrosion resistance.
- **Anti-Corrosive Coating (U-Bend):** Built to last with an anti-corrosive coating that withstands rusting and wear, particularly on the U-bend components.
- **High Ambient Cooling:** Designed to cool effortlessly even at extremely hot temperatures up to 52°C.
- **Air Purification Filters:** Includes a HEPA filter, dust filter, and air purification filter for cleaner air.
- **4 Way Swing:** Provides uniform air distribution across the room.
- **SUPERDRY Mode:** Effectively removes excess moisture from the air, ideal for humid conditions.
- **R32 Refrigerant:** Uses an eco-friendly R32 refrigerant gas.



Figure 3.1: Voltas AC Indoor and Outdoor Units, Remote Control, and Energy Savings Guide. This image displays the complete system

components and its energy efficiency rating.



Figure 3.2: Illustration of the 4-in-1 Adjustable Cooling modes. Mode 1 for up to 2 people (Gentle Cooling), Mode 2 for up to 3 people (Moderate Cooling), Mode 3 for up to 5 people (Accelerated Cooling), and Mode 4 for more than 5 people (Turbo Fast Cooling).



Figure 3.3: Visual representation of the AC's high ambient cooling capability and the U-Bend Anti-Corrosive Coating for enhanced durability.



Figure 3.4: Depiction of the Inverter Compressor, which smartly adjusts speed for efficient cooling, and the 100% Copper Condenser Tubes, ensuring faster cooling and long-lasting durability.



Figure 3.5: Features including the extended facia of the indoor unit (925mm), 2-way swing for air direction, long air throw for uniform cooling, and the 4-step adjustable mode.



Figure 3.6: Detailed view of the indoor unit's hydrophilic blue/gold fins for enhanced heat exchange, the U-bend anti-corrosive protection, the Superdry mode for moisture removal, and the 100% copper condenser tubes.

4. Included Components

The product package typically includes the following items:

- 1 x Indoor Unit
- 1 x Outdoor Unit
- 1 x Inter Connecting Copper Pipe (3 meters length)
- 1 x Remote Control
- 2 x Batteries for Remote Control
- 6 x Screws
- 6 x Nylon Sleeves

- 1 x Cable
- Installation Kit (additional components as required for standard installation)

5. Setup and Installation

The Voltas 1.5 Ton 3 Star Hot & Cold Inverter Split AC requires professional installation. It is strongly recommended to engage a certified technician for the installation process to ensure proper functioning, safety, and warranty validity.

Key Installation Considerations:

- **Location:** Choose a location for the indoor unit that allows for optimal air distribution and easy access for maintenance. The outdoor unit should be placed in a well-ventilated area, away from direct sunlight or obstructions.
- **Electrical Connection:** Ensure the electrical wiring meets local codes and the AC's power requirements (230 Volts). A dedicated circuit is often recommended.
- **Drainage:** Proper drainage for condensate water from the indoor unit is crucial to prevent leaks.
- **Refrigerant Piping:** The copper pipes connecting the indoor and outdoor units must be installed correctly to prevent refrigerant leakage.

Refer to the detailed installation guide provided to your professional installer for specific instructions and diagrams.

6. Operating Instructions

Your Voltas AC is operated primarily via the supplied remote control. Ensure batteries are correctly inserted.

Basic Remote Control Functions:

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through operating modes: Cool, Heat, Fan, Dry, Auto.
- **Temperature Buttons (+/-):** Adjusts the desired temperature setting.
- **Fan Speed Button:** Selects fan speed (Low, Medium, High, Auto).
- **Swing Button:** Activates or deactivates the horizontal and vertical air swing function.
- **4-in-1 Adjustable Mode:** Press the dedicated button (if available) or cycle through modes to select the desired capacity based on room occupancy and cooling/heating needs.
- **SUPERDRY Mode:** Activates the dehumidification function.
- **Timer Function:** Set the AC to turn ON or OFF automatically after a specified period.

For detailed instructions on advanced features and specific remote control operations, please refer to the remote control user guide included with your product.

7. Maintenance

Regular maintenance ensures optimal performance, energy efficiency, and longevity of your Voltas AC unit. Always disconnect power before performing any maintenance.

Routine Maintenance:

- **Air Filter Cleaning (Indoor Unit):** The air filters (including anti-dust and HEPA filters) should be cleaned every two weeks or more frequently depending on usage and air quality. Gently remove the filters, wash them with mild detergent and water, rinse thoroughly, and allow them to dry completely before reinserting.

- **Indoor Unit Surface Cleaning:** Wipe the indoor unit's surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Outdoor Unit Cleaning:** Periodically clear any debris, leaves, or dust from the outdoor unit's coils and fan blades. Ensure the area around the outdoor unit is free from obstructions to maintain proper airflow.
- **Drainage Pipe Check:** Ensure the condensate drain pipe is not clogged to prevent water leakage from the indoor unit.

Professional Servicing:

It is recommended to schedule professional servicing at least once a year, preferably before the peak cooling or heating season. A professional technician can check refrigerant levels, clean coils, inspect electrical connections, and ensure all components are functioning correctly.

8. Troubleshooting

Before contacting customer service, please refer to the following common issues and their potential solutions:

Problem	Possible Cause	Solution
AC does not turn ON	No power supply; Remote control batteries are dead; Circuit breaker tripped.	Check power connection; Replace remote batteries; Reset circuit breaker.
Insufficient Cooling/Heating	Dirty air filters; Doors/windows open; Temperature setting incorrect; Outdoor unit obstructed.	Clean air filters; Close doors/windows; Adjust temperature; Clear obstructions around outdoor unit.
Water Leakage from Indoor Unit	Clogged drain pipe; Improper installation.	Check and clear drain pipe; Contact a professional for inspection.
Unusual Noise	Loose parts; Fan obstruction; Compressor issue.	Check for loose panels; Clear fan area; If noise persists, contact service.
Remote Control Not Working	Dead batteries; Obstruction between remote and AC.	Replace batteries; Ensure clear line of sight to indoor unit.

If the problem persists after attempting these solutions, please contact Voltas customer service for assistance.

9. Specifications

Key technical specifications for the Voltas 1.5 Ton 3 Star Hot & Cold Inverter Split AC (Model: SAC 183VH Vectra Zenith Silver):

Specification	Value
Brand	Voltas
Model Name	183VH Vectra Zenith Silver
Model Number	SAC 183VH Vectra Zenith Silver

Specification	Value
Capacity	1.5 Tons
Cooling Power	5400 Watts (5.4 Kilowatts)
Energy Rating	3 Star
Annual Energy Consumption	947.36 kWh/year
ISEER Value	4.00
Refrigerant	R-32
Noise Level	46 Decibels
Product Dimensions (D x W x H)	24.4D x 98.2W x 31.8H Centimeters
Item Weight	32 Kilograms
Voltage	230 Volts
Filter Type	HEPA Filter
Control Method	Remote Control

10. Warranty Information

Your Voltas AC comes with the following warranty coverage:

- **Comprehensive Product Warranty:** 1 Year (Standard) or 5 Years (for purchases made between 19th Sep 2025 to 31st Dec 2025).
- **Inverter Compressor Warranty:** 10 Years.
- **PCB Warranty:** 5 Years.

Important: Warranty claims must be supported by your Amazon Invoice. Please retain your purchase receipt for warranty purposes. The warranty covers manufacturing defects and does not cover damages resulting from improper installation, misuse, or lack of maintenance.



Figure 10.1: Overview of Voltas AC warranty terms, highlighting 1 year product warranty and 10 years compressor warranty.

11. Customer Support

For any queries, service requests, or technical assistance regarding your Voltas AC, please contact Voltas customer service. Ensure you have your product model number (SAC 183VH Vectra Zenith Silver) and purchase details ready when contacting support.

You can typically find contact information for Voltas customer service on their official website or in the documentation provided with your product.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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