Voltas 123V Vectra Elegant

Voltas 1 Ton 3 Star Inverter Split AC 123V Vectra Elegant User Manual

Model: 123V Vectra Elegant

Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Voltas 1 Ton 3 Star Inverter Split AC, model 123V Vectra Elegant. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Voltas 1 Ton 3 Star Inverter Split AC is designed to provide efficient cooling for small-sized rooms up to 110 sq.ft. It features an inverter compressor, copper condenser, anti-dust filter, and multiple cooling modes for optimal comfort and energy savings.

Important Safety Information

Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury.

- Ensure the power supply matches the rating label on the unit.
- Do not operate the AC with wet hands.
- Do not insert objects into the air outlet.
- Keep children away from the unit.
- Do not attempt to repair the unit yourself. Contact qualified service personnel.
- Ensure proper grounding to prevent electric shock.
- Turn off the power supply before cleaning or maintenance.

Product Overview

The Voltas 123V Vectra Elegant Inverter Split AC consists of an indoor unit and an outdoor unit, designed for efficient and quiet operation.



Figure 1: Indoor Unit with highlighted features including Inverter Compressor, Copper Condenser, Annual Power Consumption, Low Noise Level, R32 Refrigerant, and High Ambient Cooling capability.

Key Features:

- **Inverter Compressor:** Variable speed compressor adjusts power based on heat load, offering energy efficiency and precise temperature control.
- **6 Cooling Modes:** Convertible/adjustable modes via remote control to suit different cooling needs and save energy.
- **Copper Condenser Coil:** Ensures better cooling performance, requires low maintenance, and resists rust and corrosion for increased durability.
- **Anti-dust Filter with Anti-Microbial Coating:** Helps to kill air microbes including germs, bacteria, and fungi, providing cleaner air.
- **LED Display:** Provides clear indication of settings and status.
- **Auto Clean Function:** Self-cleans the indoor unit to ensure clean and fresh air.
- **Sleep Mode:** Provides whisper-quiet cooling throughout the night for comfortable sleep.
- **Memory Restart:** Automatically restores previous settings after a power cut.

- **Anti-Corrosive Coating:** Durable and long-lasting cooling for years to come.
- **R32 Refrigerant:** Environmentally friendly refrigerant.
- **High Ambient Cooling:** Capable of cooling effectively even at ambient temperatures up to 52°C.
- **Stabilizer Free Operation:** Designed to operate without an external stabilizer within a specified voltage range.
- **Low Noise Level:** Operates at a quiet 44 Decibels.
- **Turbo Cooling:** Delivers a powerful airflow of 770 CMH for rapid cooling.

What's in the Box

Upon unpacking, please verify that all the following components are present:

- 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
- Installation kit (including 3m Copper Wire)

Setup and Installation

Installation of this split AC unit requires professional expertise. It is highly recommended to contact authorized Voltas service personnel for installation to ensure proper functioning and warranty validity.

Pre-Installation Checklist:

- Ensure the installation area for both indoor and outdoor units is suitable and provides adequate space for airflow and maintenance.
- Verify that the electrical wiring meets local codes and the unit's power requirements (230 Volts).
- Confirm that the wall can support the weight of the indoor unit and the outdoor unit is placed on a stable, level surface.

Indoor Unit Placement:

The indoor unit should be mounted on a wall that is strong enough to hold its weight. Ensure there is sufficient space around the unit for proper air circulation and maintenance access.



Figure 2: Indoor Unit dimensions (80 cm W x 21 cm D x 26.5 cm H) and key features.

Outdoor Unit Placement:

The outdoor unit should be placed in a location with good ventilation, away from direct sunlight or heat sources. Ensure it is on a stable surface to minimize vibration and noise.



Figure 3: Outdoor Unit dimensions (69.5 cm W x 28.2 cm D x 46 cm H).

Electrical Connection:

Connect the unit to a dedicated power outlet with the correct voltage (230 Volts). The unit is designed for stabilizer-free operation within its specified voltage range, but a proper electrical connection is crucial.

Operating Instructions

Your Voltas AC is controlled via the provided remote control. Ensure batteries are correctly inserted.

Remote Control Functions:



Figure 4: Remote control for easy functionality and hidden display operation.

- **Power Button:** Turns the AC unit ON or OFF.
- **Mode Button:** Cycles through cooling modes (Cool, Fan, Dry, Auto).
- **Temperature Adjustment:** Use '+' and '-' buttons to set desired temperature.
- **Fan Speed:** Adjusts the fan speed (Low, Medium, High, Auto).
- **Swing Button:** Controls the louver swing direction.
- **Sleep Mode:** Activates quiet operation for comfortable sleep.
- **Turbo Mode:** Engages maximum cooling power for rapid temperature reduction.

Adjustable Cooling Modes (4-in-1):

The AC offers 6 convertible cooling modes, allowing you to adjust the cooling capacity based on your needs. These modes help optimize energy consumption.



Figure 5: Illustration of 4-in-1 adjustable cooling modes, running at different capacities for varying cooling requirements.

Refer to the remote control section in the full user manual for detailed instructions on selecting and adjusting these modes.

Memory Restart Function:

In case of a power outage, the AC unit will automatically resume operation with the last saved settings once power is restored. This feature ensures continuous comfort without manual resetting.

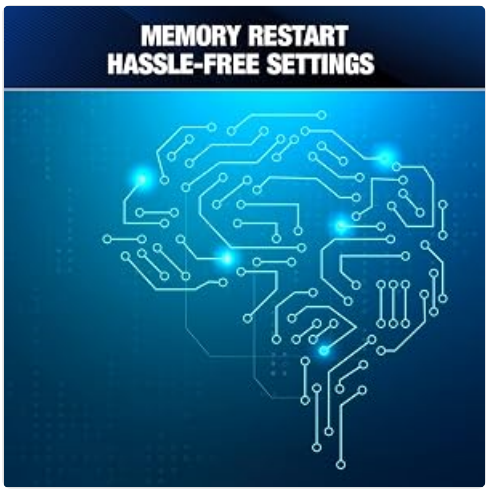


Figure 6: Visual representation of the Memory Restart function, ensuring hassle-free settings after power interruptions.

Maintenance

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

Cleaning the Anti-dust Filter:

The anti-dust filter should be cleaned regularly (every 2-4 weeks, depending on usage) to maintain air quality and cooling efficiency.

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 mild detergent.
4. Rinse thoroughly and allow them to dry completely in a shaded area before re-installing.



Figure 7: The Anti-dust Filter with Anti-Microbial Coating, which kills air microbes.

Auto Clean Function:

Activate the Auto Clean function periodically to prevent mold and bacteria growth inside the indoor unit. This function dries the evaporator coil, ensuring clean air output.



Figure 8: The Auto Clean function, which self-cleans the unit for fresh air.

Outdoor Unit Maintenance:

Keep the outdoor unit free from obstructions like leaves, dust, and debris. Periodically clean the outdoor coil with a soft brush or vacuum cleaner. Ensure the area around the outdoor unit is clear for proper airflow.

Professional Servicing:

It is recommended to have your AC unit professionally serviced at least once a year by an authorized Voltas technician. This includes checking refrigerant levels, cleaning coils, and inspecting electrical connections.

Troubleshooting

Before contacting service, refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
AC does not turn on.	No power supply; Remote control batteries are dead.	Check circuit breaker; Replace remote control batteries.
Insufficient cooling.	Dirty air filter; Blocked outdoor unit; Room too large; Doors/windows open.	Clean air filter; Clear obstructions from outdoor unit; Ensure room is sealed.
Unusual noise.	Loose parts; Unit not level; Obstruction in fan.	Contact service technician; Ensure unit is level; Check for obstructions.
Water leakage from indoor unit.	Blocked drain pipe; Improper installation.	Clear drain pipe; Contact service technician for inspection.
Remote control not working.	Dead batteries; Obstruction between remote and unit.	Replace batteries; Remove obstructions; Point remote directly at unit.

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

Specifications

Feature	Detail
Brand	Voltas
Model	123V Vectra Elegant
Type	Inverter Split AC
Capacity	1 Ton
Energy Rating	3 Star
Annual Energy Consumption	700.57 kWh
ISEER Value	3.81
Maximum Cooling Capacity	3450W
Noise Level (Indoor)	44 Decibels
Refrigerant	R32
Condenser Coil	Copper
Power Supply	230 Volts
Indoor Unit Dimensions (LxWxH)	80 x 21 x 26.5 cm

Feature	Detail
Outdoor Unit Dimensions (LxWxH)	69.5 x 28.2 x 46 cm
Item Weight	36 kg 900 g
Special Features	Dust Filter, Remote Controlled, Anti-Microbial Coating, Auto Clean, Sleep Mode, Memory Restart, Anti-Corrosive Coating, Hidden Display, Stabilizer Free Operation

Warranty and Support

Warranty Information:

Your Voltas AC unit comes with the following warranty:

- **1 Year Comprehensive Warranty** on the Product.
- **10 Years Warranty** on the Compressor.



Figure 9: Warranty details for the Voltas AC, highlighting 1 year on product and 10 years on compressor.

Please retain your purchase receipt and warranty card for any warranty claims. The warranty covers manufacturing defects under normal use conditions. It does not cover damages due to improper installation, misuse, or unauthorized repairs.

Customer Support:

For service requests, technical assistance, or warranty claims, please contact Voltas customer support. Refer to the warranty card or the official Voltas website for the most current contact information.
Manufacturer: Voltas Limited, Voltas House 'A' Block, Dr. Babasaheb Ambedkar Rd, Chinchpokli, Mumbai - 400 033, India.

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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.

Name

Anonymous

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Question

Example: How do I reset this device or fix this error?

Details

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

Submit question