

Manuals.plus /

- › Voltas /
- › Voltas 1 Ton 5 Star Inverter Split AC 125V Vectra Elite-1 User Manual

Voltas 125V Vectra Elite-1

Voltas 1 Ton 5 Star Inverter Split AC

MODEL: 125V VECTRA ELITE-1 USER MANUAL

Product Overview

The Voltas 1 Ton 5 Star Inverter Split AC, model 125V Vectra Elite-1, is designed to provide efficient and comfortable cooling for your space. This manual provides essential information for the safe and effective use of your air conditioner.



Image: Voltas 1 Ton 5 Star Inverter Split AC indoor unit, showcasing its sleek design.



Image: Close-up of the Voltas AC indoor unit, highlighting features like low noise operation, instant cooling, anti-dust filter, and stabilizer-free operation.

Key features of this model include:

- **4-in-1 Adjustable Mode:** Allows the AC to operate at four different cooling capacities, optimizing power consumption and comfort based on conditions.
- **Turbo Cooling:** Delivers higher airflow for rapid and uniform cooling, eliminating hot spots quickly.
- **Anti-Dust Filter:** Helps remove dust and small particles from the air, contributing to cleaner indoor air quality.
- **CO2 Reduction:** Assists in reducing CO2 levels in a closed room, enhancing fresh air ventilation.
- **Copper Condenser:** Equipped with a copper condenser for improved cooling efficiency and enhanced durability.
- **High Ambient Cooling:** Capable of cooling effectively even at extreme temperatures up to 52°C.
- **Optimal Energy Saving:** Designed for an ideal balance between comfort and energy efficiency.
- **Antimicrobial Air Filtration:** Provides clean and healthy air by filtering out microbes.



Image: Voltas AC outdoor unit, emphasizing environment-friendly R32 refrigerant, cooling at 52°C, self-diagnosis, and 100% efficient cooling capacity.

Product Components

Your Voltas Split AC package includes the following main components:

- 1 x Indoor Unit
- 1 x Outdoor Unit
- 1 x Remote Control
- Copper Pipe (for connection between indoor and outdoor units)

Setup and Installation

Installation of a split air conditioner requires specialized tools and knowledge. It is strongly recommended that you arrange for professional installation by a qualified technician to ensure proper functioning, safety, and warranty validity.

Key considerations for installation include:

- **Location:** Choose a location for the indoor unit that allows for optimal air circulation and drainage. The outdoor unit should be placed in a well-ventilated area, away from direct sunlight or obstructions.
- **Electrical Connection:** Ensure the electrical supply meets the specifications of the AC unit (230 Volts, 1750 Watts) and is properly grounded.

- **Refrigerant Piping:** The copper pipes connecting the indoor and outdoor units must be installed correctly to prevent leaks and ensure efficient refrigerant flow.
- **Drainage:** Proper drainage for condensed water from the indoor unit is crucial to prevent water damage.

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

Operating Instructions

Your Voltas AC is controlled via the included remote control. Familiarize yourself with the remote's functions for optimal use.



Image: Voltas AC indoor unit illustrating features like Turbo Cooling, 4-in-1 Adjustable Cooling, Dual Temperature Display, and Auto Restart functionality.

- **Power On/Off:** Press the power button on the remote to turn the unit on or off.
- **Mode Selection:** Use the "Mode" button to cycle through cooling, fan, dry, and other available modes.
- **Temperature Adjustment:** Use the up/down arrows to set your desired temperature.
- **Fan Speed:** Adjust the fan speed (low, medium, high, auto) using the fan speed button.
- **4-in-1 Adjustable Mode:** Activate this feature to select from four different cooling capacities, allowing the AC to adapt to varying heat loads and save energy. Consult your remote control's specific buttons for this function.
- **Turbo Mode:** Engage Turbo mode for rapid cooling when you need to quickly lower the room temperature.
- **Sleep Mode:** Activates a quiet operation mode with gradual temperature adjustments for comfortable sleep.
- **Timer Function:** Set the AC to turn on or off automatically at specific times.
- **Auto Restart:** In case of a power outage, the unit will automatically restart with the previous settings once

power is restored.

For detailed instructions on each remote control function, please refer to the separate remote control manual included with your product.

Maintenance

Regular maintenance ensures optimal performance and longevity of your Voltas AC.

- **Anti-Dust Filter Cleaning:**

The anti-dust filter should be cleaned regularly, typically every two weeks or more frequently depending on usage and air quality. To clean:

1. Turn off the AC and disconnect power.
2. Open the front panel of the indoor unit.
3. Carefully remove the air filters.
4. Wash the filters with lukewarm water and a mild detergent. Rinse thoroughly.
5. Allow the filters to dry completely in a shaded area before reinserting them.



Image: Illustration depicting the multi-layer air filtration process, including the anti-dust filter.

- **Copper Condenser Care:**

The copper condenser coils are durable but can accumulate dust and debris over time, affecting efficiency. It is recommended to have the outdoor unit's coils professionally cleaned annually.



Image: Close-up view of copper pipes, representing the durable copper condenser material.

- **General Cleaning:** Wipe the exterior of the indoor and outdoor units with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

- **Professional Servicing:** Schedule annual professional servicing to check refrigerant levels, clean coils, and inspect all components for optimal performance and to prevent potential issues.

Troubleshooting

Before contacting customer support, perform these basic troubleshooting steps:

- **AC not turning on:** Check if the power cord is securely plugged in and if the circuit breaker has tripped. Ensure the remote control batteries are not depleted.
- **Insufficient cooling:**
 - Verify that the temperature setting is appropriate.
 - Clean the air filters if they are dirty.
 - Ensure no windows or doors are open, allowing warm air to enter.
 - Check if the outdoor unit is obstructed or dirty.
- **Unusual noises:** Minor operational noises are normal. If you hear loud or unusual sounds, turn off the unit and contact customer support.
- **Water leakage from indoor unit:** This could indicate a blocked drain pipe or improper installation. Turn off the unit and contact a professional technician.

If the problem persists after performing these checks, contact Voltas customer support for assistance.

Specifications



Image: Diagram showing the dimensions of the Voltas AC indoor and outdoor units, along with the BEE 5 Star Energy Savings Guide.

Voltas 125V Vectra Elite-1 Specifications

Feature	Detail
Brand	Voltas
Model Name	125V VECTRA ELITE-1
Capacity	1 Ton
BEE Star Rating	5 Star
Annual Energy Consumption	542 Kilowatt Hours Per Year
Cooling Power	3500 Kilowatts
Refrigerant	R-32
Condenser Material	Copper
Filter Type	Anti-Dust Filter
Noise Level (Indoor Unit)	46 Decibels
Power Source	Corded Electric
Voltage	230 Volts
Wattage	1750 Watts
Indoor Unit Dimensions (W x H x D)	80 cm x 26.5 cm x 21 cm (Based on image)
Outdoor Unit Dimensions (W x H x D)	83.5 cm x 55.5 cm x 29.5 cm (Based on image)
Item Weight	32000 Grams
Control Method	Remote Control
Start Year	2024

Warranty Information

Your Voltas 1 Ton 5 Star Inverter Split AC comes with the following warranty coverage:

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

Please retain your purchase receipt and warranty card for any warranty claims. The warranty covers manufacturing defects and does not cover damages due to improper installation, misuse, or lack of maintenance. For detailed terms and conditions, refer to the warranty card provided with your product.

Customer Support

For any queries, technical assistance, or service requests, please contact Voltas customer support.

- **Manufacturer:** VOLTAS INDIA PVT LTD
- **Packer Contact Information:** Voltas Ltd, Voltas House 'A', Dr. Babasaheb Ambedkar Road, Chinchpokli, Mumbai, Maharashtra-400033

- Visit the official Voltas website for the latest contact details and service center locations.

When contacting support, please have your product model number (125V Vectra Elite-1) and purchase details readily available.