Voltas SAC 123 Vectra Elegant

Voltas 1 Ton 3 Star Fixed Speed Split AC User Manual

Model: SAC 123 Vectra Elegant

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Voltas 1 Ton 3 Star Fixed Speed Split Air Conditioner, Model SAC 123 Vectra Elegant. Please read this manual thoroughly before using the appliance and retain it for future reference.



Image 1.1: Voltas 1 Ton 3 Star Fixed Speed Split AC, showing both indoor and outdoor units.

2. Safety Information

Important Safety Instructions:

- Always ensure the AC is installed by qualified personnel.
- Do not attempt to repair or modify the unit yourself. Contact authorized service personnel.
- Ensure the power supply matches the specifications listed on the unit.
- Do not insert fingers or objects into the air inlet/outlet.
- Keep flammable materials away from the unit.
- Regularly clean the air filter to maintain efficiency and air quality.
- If any abnormal operation or smell occurs, immediately turn off the unit and disconnect the power supply.

3. Package Contents

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

- 1 Indoor Unit
- 1 Outdoor Unit
- 1 Inter Connecting Copper Pipe (3 meters length)
- 1 Remote Control
- 2N Battery (for remote control)
- 6N Screw
- 6N Nylon Sleeve
- 1N Cable
- Installation kit (3m Copper Wire)

4. Setup and Installation

Installation of this split air conditioner requires specialized tools and knowledge. It is strongly recommended that installation be performed by a certified Voltas service technician or authorized professional to ensure proper functioning and safety.

Key Installation Considerations:

- **Location:** Choose a location for the indoor unit that allows for even air distribution and easy access for maintenance. The outdoor unit should be placed in a well-ventilated area, away from direct sunlight or obstructions.
- **Power Supply:** Ensure the electrical wiring meets local codes and the unit's power requirements (230 Volts). The unit features stabilizer-free operation within a 230V range.
- **Drainage:** Proper drainage for condensate water from the indoor unit is crucial to prevent leaks.
- **Refrigerant Piping:** The interconnecting copper pipe must be installed correctly to prevent refrigerant leaks. This unit uses R32 refrigerant, which is environmentally friendly.



Image 4.1: Overview of indoor and outdoor unit dimensions, energy label, and remote control.

5. Operating Instructions

Your Voltas AC is designed for user-friendly operation via the included remote control. Familiarize yourself with the remote's functions for optimal comfort.

Key Operating Features:

- **Digital Temperature Display:** The indoor unit features an LED display for clear temperature indication.
- **Cooling Mode:** Set your desired temperature for effective cooling.
- **Fan Speed:** Adjust the fan speed with the 5-speed fan function for customized airflow.
- **Sleep Mode:** Activates a quiet operation mode, gradually adjusting temperature for comfortable sleep and energy saving.
- **SuperDry Mode:** Reduces excess moisture from the air, providing a fresh and comfortable environment.
- **Turbo Mode:** Provides rapid cooling to quickly reach the desired temperature.
- **Auto Restart:** In case of a power outage, the unit will automatically restart with the previous settings once power is restored.
- **Lock Function:** Prevents accidental changes to settings.
- **Self Diagnosis:** The unit can detect and display certain operational issues.



Image 5.1: Visual representation of 5-speed fan function, annual power consumption, wide voltage range, and R32 coolant.

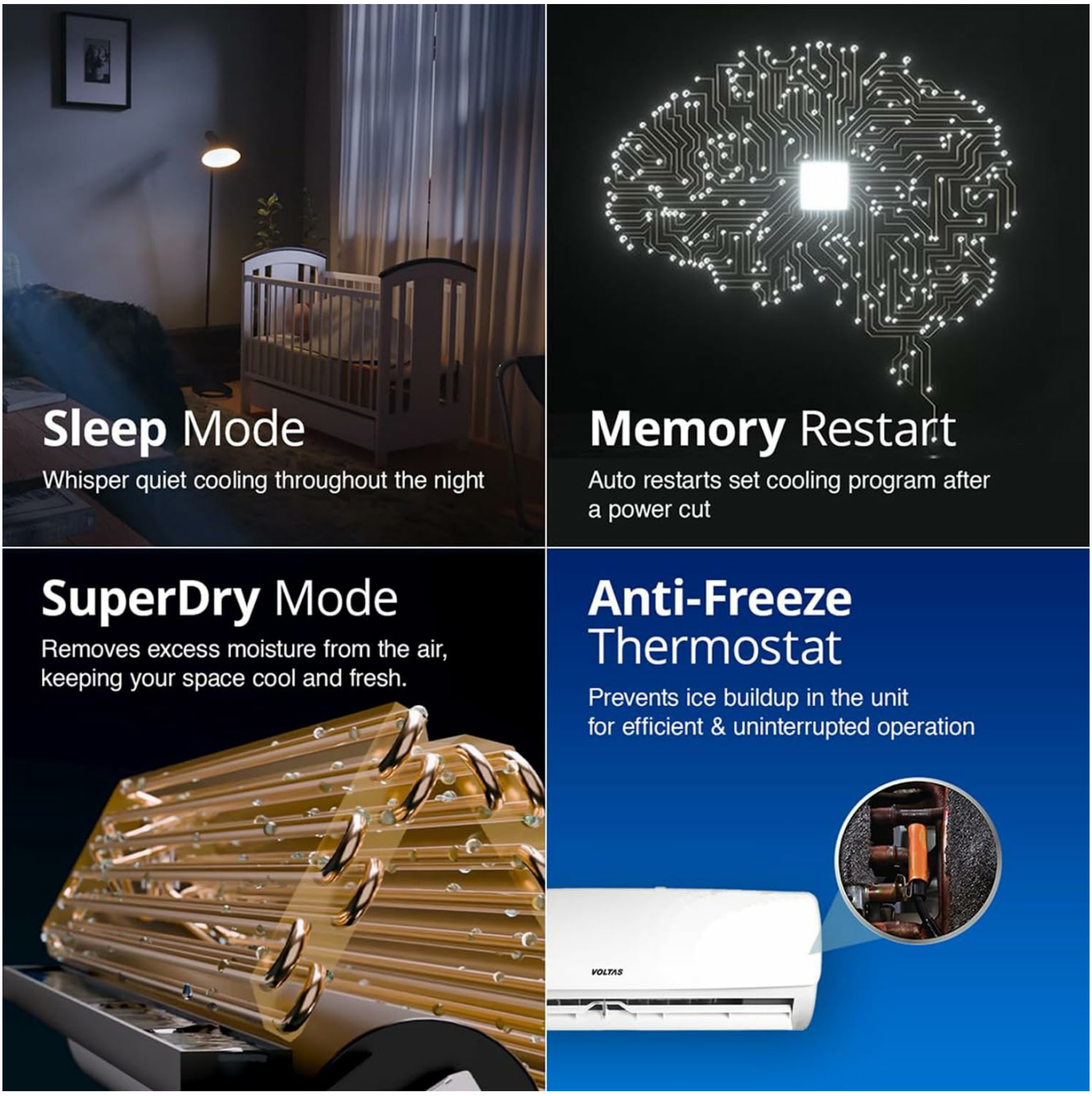


Image 5.2: Details on Sleep Mode, Memory Restart, SuperDry Mode, and Anti-Freeze Thermostat.



Image 5.3: The sleek hidden display of the indoor unit.

6. Maintenance

Regular maintenance ensures the longevity and efficient performance of your air conditioner.
Maintenance Steps:

- **Air Filter Cleaning:** The anti-dust filter should be cleaned regularly (every 2-4 weeks, depending on usage and environment). Open the front panel of the indoor unit, remove the filters, and wash them with water. Allow them to dry completely before reinserting.
- **Outdoor Unit Cleaning:** Periodically clear any debris (leaves, dust) from the outdoor unit's coils and fan blades. Ensure the area around the outdoor unit is clear for proper airflow.
- **Anti-Corrosive Coating:** The unit features an anti-corrosive coating designed to withstand rusting and wear, reducing the need for frequent external treatment.
- **Professional Servicing:** It is recommended to have your AC professionally serviced at least once a year by a qualified technician to check refrigerant levels, clean coils, and inspect electrical components.

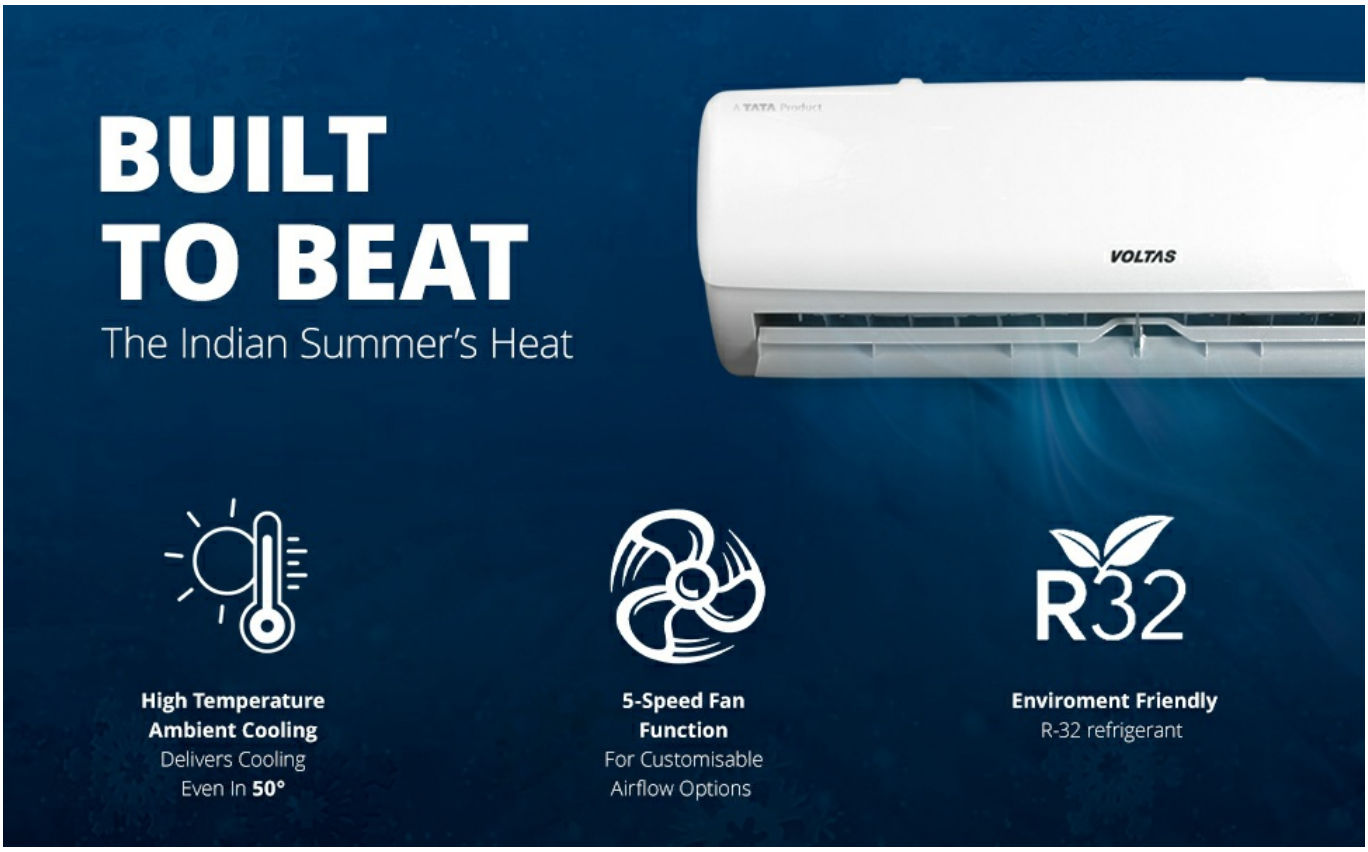


Image 6.1: Details on the Anti-Dust Filter with Anti-Microbial Coating and the Anti-Corrosive Coating.

7. Troubleshooting

Before contacting customer support, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
AC not turning on	No power, remote batteries dead, circuit breaker tripped	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling	Dirty air filter, blocked outdoor unit, doors/windows open, wrong mode selected	Clean air filter, clear obstructions from outdoor unit, close doors/windows, select appropriate mode.
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 pipe, improper installation	Check and clear drain pipe. If issue persists, contact a qualified technician for inspection.
Remote control not working	Dead batteries, obstruction between remote and unit	Replace batteries, ensure clear line of sight to indoor unit.

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

8. Specifications

Feature	Detail
Brand	Voltas

Feature	Detail
Model Name	123 Vectra Elegant
Capacity	1 Ton
Energy Rating	3 Star
Annual Energy Consumption	700.57 kWh/year (as per BEE Label)
Cooling Capacity	3450W (0.91 Kilowatts)
ISEER Value	3.81
Compressor Type	Reciprocating (Fixed Speed)
Condenser Coil Material	100% Copper
Refrigerant Gas	R-32 (Environmental Friendly)
Noise Level (IDU)	44 / 43 / 42 / 38 dB
Power Source	Corded Electric
Voltage	230 Volts
Indoor Unit Dimensions (WxHxD)	80 cm x 26.5 cm x 21 cm
Outdoor Unit Dimensions (WxHxD)	83.5 cm x 55.5 cm x 29.5 cm
Indoor Unit Weight	8.3 Kg
Outdoor Unit Weight	29.2 Kg
Special Features	Anti Dust, Antimicrobial Protection, Anti-Corrosive Coating, LED Display, Self Diagnosis, Sleep Mode, Turbo, Lock, Low Gas Diagnosis, Auto Restart, Stabilizer free operation (within 230V range)



Image 8.1: Illustration of the Fixed Speed Compressor and 100% Copper Condenser Tubes.

9. Warranty Information

Your Voltas AC comes with the following warranty:

- **Product Warranty:** 1 year comprehensive warranty on the product.
- **Compressor Warranty:** 10 years warranty on the compressor.
- **PCB Warranty:** 5 years warranty on PCB for purchases made from January 2025 onwards.

Note: Warranty claims require the Amazon Invoice as proof of purchase. Specific warranty terms may vary based on purchase date and regional policies. Please refer to the official Voltas website for the most current and detailed warranty information.

10. Customer Support

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

- **Manufacturer:** Voltas Limited
- **Address:** Voltas House 'A' Block, Dr. Babasaheb Ambedkar Rd, Chinchpokli, Mumbai - 400 033, India
- **Official Website:** www.voltas.com (User Manual also available here)

When contacting support, please have your product model number (SAC 123 Vectra Elegant) and purchase details readily available.

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

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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