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> Voltas 1 Ton 4 Star Inverter Split AC (Model SAC\_124V\_DZX) User Manual

## Voltas SAC\_124V\_DZX

# Voltas 1 Ton 4 Star Inverter Split AC (Model SAC\_124V\_DZX) User Manual

Comprehensive guide for setup, operation, maintenance, and troubleshooting.

## 1. PRODUCT OVERVIEW

The Voltas 1 Ton 4 Star Inverter Split AC, model SAC\_124V\_DZX, is designed for efficient cooling in small to medium-sized rooms. Featuring an inverter compressor, copper condenser coil, and advanced air filtration, this unit provides consistent comfort and improved air quality.

## Recommended Room Size Upto 110 sq ft



Inverter  
Compressor



Copper  
Condenser



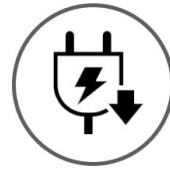
Low noise level  
(43 dB)



R32 Refrigerant  
Gas



Cools at even 52  
Degree Ambient  
Temperature



Annual power  
consumption  
of 679.27 units

Figure 1: Voltas Inverter Split AC Indoor Unit

### Key Features:

- **Inverter Compressor:** Variable speed compressor adjusts power based on heat load for energy efficiency and quiet operation.
- **Capacity:** 1 Ton, suitable for rooms up to 110 sq ft.
- **Energy Rating:** 4 Star, with an ISEER Value of 4.1, ensuring high energy efficiency.
- **Copper Condenser Coil:** Provides better cooling performance and requires low maintenance.
- **Special Features:** Includes Antibacterial Filter, Dust Filter, and Air Purifier for improved air quality.
- **Refrigerant Gas:** Uses R32 refrigerant.



Figure 2: Voltas AC Key Performance Indicators



Figure 3: Additional Features of the Voltas AC

## 2. SETUP AND INSTALLATION

This section provides guidance for the proper setup and installation of your Voltas Inverter Split AC. Professional installation is recommended to ensure optimal performance and safety.

### 2.1 Included Components:

The product package includes the following items:

- 1 Indoor Unit
- 1 Outdoor Unit
- Remote Control
- User Manual
- Warranty Card
- 1 Connecting Pipe
- 1 Connecting Cable

### 2.2 Outdoor Unit Dimensions:



Figure 4: Voltas AC Outdoor Unit with Dimensions

## 2.3 Installation Process Overview:

For a smooth installation experience, please refer to the following video which outlines the general process for scheduled delivery and installation of appliances purchased on Amazon.in. While this video provides a general overview, specific installation steps for your Voltas AC should be followed as per the detailed instructions in the included user manual and by the authorized service technician.

Your browser does not support the video tag.

Video 1: Voltas Inverter AC Features Overview (Seller Preview)

Ensure the installation area is clear and accessible for the technician. The brand will coordinate for installation within 48 hours of delivery.

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## 3. OPERATING INSTRUCTIONS

Your Voltas Inverter Split AC is designed for user-friendly operation. Use the remote control to access various modes and settings.

### 3.1 Cooling Modes:

- **Standard Cooling:** Provides efficient cooling for everyday use.
- **High Ambient Cooling:** The AC is capable of delivering high-performance cooling even at ambient temperatures up to 52°C.
- **Dehumidifier Mode:** The in-built dehumidifier helps reduce humidity levels in the room, enhancing comfort during humid conditions.



Figure 5: High Ambient Cooling Capability

### 3.2 Remote Control:

The remote control allows you to adjust temperature, fan speed, mode, and other settings. Refer to the dedicated remote control section in your printed user manual for detailed instructions on each function.

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## 4. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Voltas AC. Always disconnect power before performing any maintenance.

## 4.1 Air Filter Cleaning:

The AC features an Antibacterial Filter, Dust Filter, and Air Purifier. These filters should be cleaned regularly (e.g., every two weeks or as needed) to maintain optimal air quality and cooling efficiency. Refer to your user manual for specific instructions on how to remove and clean the filters.

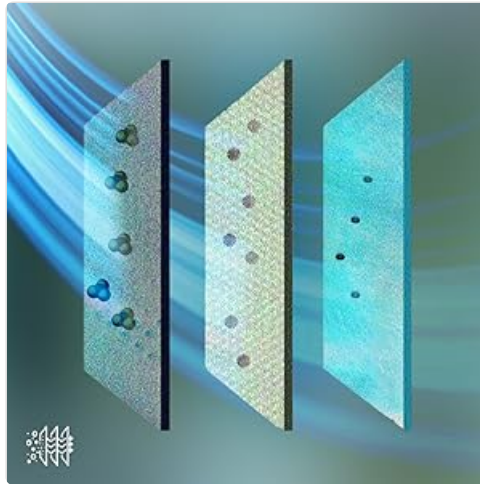


Figure 6: Multi-Stage Air Filtration System

## 4.2 Copper Condenser Coil:

The copper condenser coil offers durability and requires low maintenance. However, periodic professional cleaning of the outdoor unit's coil is recommended to prevent dust and debris buildup, which can affect performance.



Figure 7: Copper Condenser Coils

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## 5. TROUBLESHOOTING

The Voltas AC is equipped with a self-diagnosis feature to help identify and alert you of operational faults. If an issue arises, the unit may display an error code.

### 5.1 Self-Diagnosis Feature:

In case of a malfunction, the AC's self-diagnosis system will analyze the error and provide an alert, making it easier to pinpoint and resolve the problem. Refer to the troubleshooting section of your user manual for a list of error codes and their corresponding solutions.



Figure 8: Self-Diagnosis System

If you are unable to resolve the issue using the manual, please contact Voltas customer support.

## 6. SPECIFICATIONS

Feature	Detail
Brand	Voltas
Capacity	1 Tons
Cooling Power	3250 Watts
Special Features	Air Purification Filter, Anti Bacterial Filter, Dust Filter, Inverter
Seasonal Energy Efficiency Ratio (SEER)	4.1
Colour	White
Noise Level	43 Decibels
Refrigerant	R32
Core Material	Copper
Inverter Type	Has Inverter
Installation Type	Split System
Compressor Type	rotary_scroll
Is Outdoor Unit Required	Yes
Voltage	230 Volts
Power Source	Corded Electric
Item Weight	9730 Grams
Control Method	Remote
Controller Type	Remote Control
BEE Star Rating	4 Star

Feature	Detail
Warranty	Limited
Model Name	SAC_124V_DZX
Model Number	SAC_124V_DZX
Floor Area	120 Square Feet
Form Factor	Split System

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## 7. WARRANTY AND SUPPORT

Your Voltas AC comes with a comprehensive warranty and dedicated customer support.

### 7.1 Warranty Details:

- **Product Warranty:** 1 year on the product.
- **Condenser Warranty:** 1 year on the condenser.
- **Compressor Warranty:** 5 years on the compressor.

# VOLTAS



Multi Stage Filtration



Stabilizer free operation



In-built dehumidifier

Figure 9: Voltas AC Warranty Information

## 7.2 Customer Support:

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

- **Manufacturer:** Universal Comfort Products Ltd
- **Contact Number:** 18605994555

Please have your model number (SAC\_124V\_DZX) and purchase details ready when contacting support.