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> O General 2 Ton 3 Star Inverter Split AC ASGG24CPAB-B User Manual

O General ASGG24CPAB-B

O General 2 Ton 3 Star Inverter Split AC

MODEL: ASGG24CPAB-B USER MANUAL

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your O General 2 Ton 3 Star Inverter Split AC, model ASGG24CPAB-B. Please read this manual thoroughly before using the air conditioner and retain it for future reference.

2. Safety Information

Always adhere to the following safety precautions to prevent injury or damage to the unit:

- Ensure the air conditioner is installed by a qualified technician.
- Do not insert fingers or objects into the air inlet/outlet.
- Do not operate the unit with wet hands.
- Turn off the power supply before cleaning or performing maintenance.
- Keep the remote control out of reach of children.
- Use only the specified refrigerant (R32).

3. Package Contents

Verify that all components are present in the package:

- 1 Indoor Unit
- 1 Outdoor Unit
- 1 Remote Controller
- 3 Meters Length Inter Connecting Copper Coil Pipe
- User Manual (this document)
- Connecting Cable

4. Setup

4.1 Indoor Unit Installation

The indoor unit should be mounted on a wall in a location that allows for optimal airflow and drainage. Ensure sufficient space around the unit for maintenance and proper air circulation.

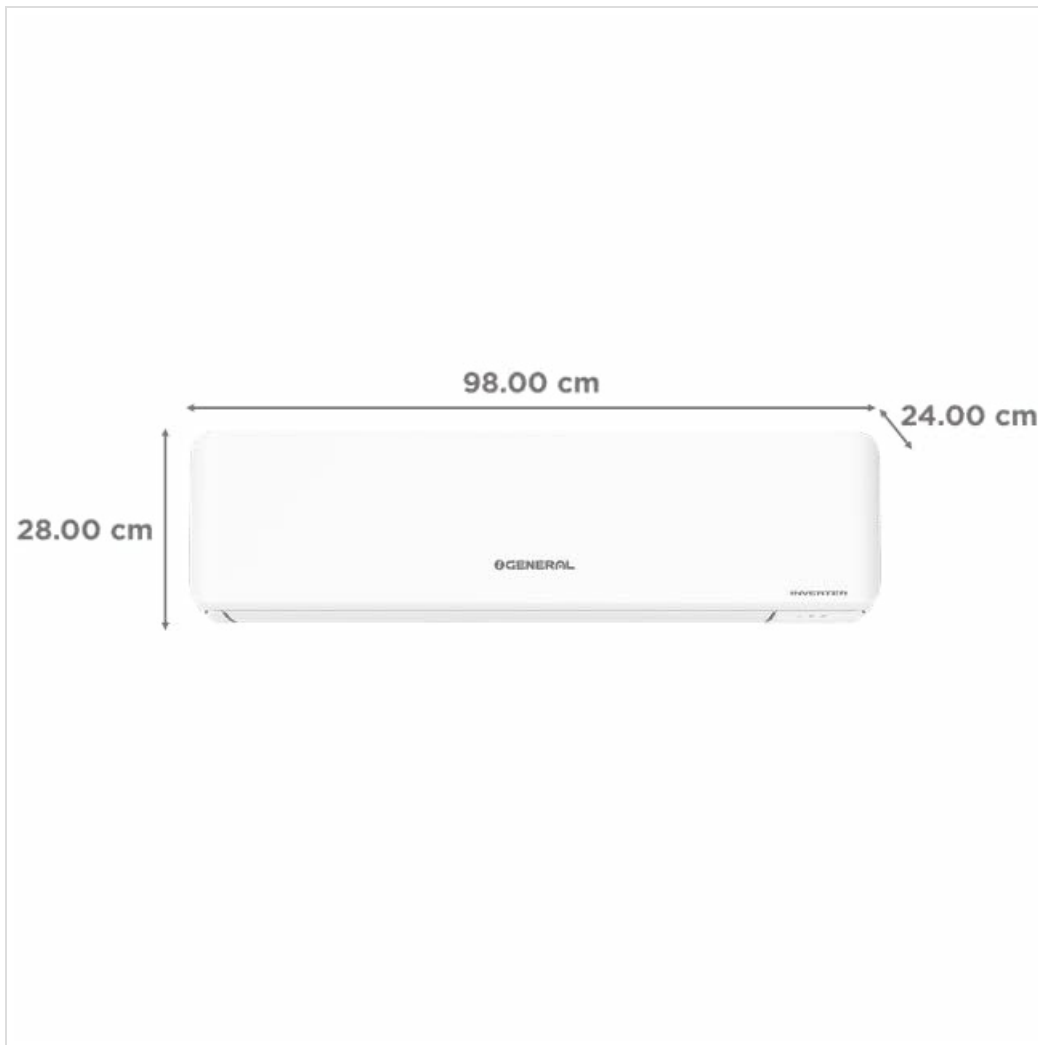


Figure 1: Indoor Unit Dimensions. The indoor unit measures 98.00 cm in width, 28.00 cm in height, and 24.00 cm in depth. These dimensions are crucial for proper installation planning and ensuring adequate space.

4.2 Outdoor Unit Installation

The outdoor unit must be placed on a stable, level surface, away from direct sunlight and obstructions that could impede airflow. Ensure proper ventilation and drainage.



Figure 2: Outdoor Unit Dimensions. The outdoor unit measures 79.90 cm in width, 63.20 cm in height, and 29.00 cm in depth. Proper spacing around the outdoor unit is essential for efficient heat exchange and performance.

4.3 Electrical Connections

All electrical wiring must comply with local regulations and be performed by a certified electrician. Ensure the correct voltage and circuit breaker capacity are used for the 2 Ton unit.

5. Operating Instructions

5.1 Remote Control Overview

Familiarize yourself with the remote control functions for optimal use of your AC unit.



Figure 3: Remote Control. This image displays the remote control for the O General AC, featuring buttons for various functions such as power, mode selection, temperature adjustment, fan speed control, swing settings, economy mode, timer, sleep mode, and diagnostic functions.

5.2 Basic Operation

- **Power On/Off:** Press the **ON/OFF** button to start or stop the unit.
- **Mode Selection:** Press the **MODE** button to cycle through modes: Cool, Dry, Fan, Heat (if applicable), Auto.
- **Temperature Adjustment:** Use the **TEMP/SELECT** buttons (up/down arrows) to set your desired temperature.
- **Fan Speed:** Press the **FAN SPEED** button to adjust the fan speed (Auto, Low, Medium, High).

5.3 Special Features

- **Coanda Airflow:** This feature optimizes air distribution for uniform cooling throughout the room by directing airflow along the ceiling.
- **Economy Mode:** Activates energy-saving operation, reducing power consumption while maintaining comfortable cooling.
- **Self Diagnosis:** The unit is equipped with a self-diagnosis function that displays error codes on the indoor unit or remote control to indicate malfunctions. Refer to the troubleshooting section for code interpretations.
- **Double Swing Automatic - 3D Airflow:** Enables automatic horizontal and vertical louver movement to distribute air widely and evenly.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your air conditioner.

6.1 Filter Cleaning

Clean the air filters every two weeks or more frequently if the unit is used heavily or in dusty environments. Dirty filters reduce efficiency and airflow.

1. Turn off the power supply to the unit.
2. Open the front panel of the indoor unit.
3. Remove the air filters.
4. Clean filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
5. Allow filters to dry completely before reinstalling.
6. Close the front panel.

6.2 General Cleaning

Wipe the indoor and outdoor units with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

6.3 Seasonal Maintenance

Before the cooling season, inspect the outdoor unit for any obstructions. Consider professional servicing annually to ensure all components are functioning correctly.

7. Troubleshooting

Before contacting service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not start	No power supply; Remote control batteries low; Timer function active	Check power breaker; Replace batteries; Cancel timer setting
Insufficient cooling	Dirty air filters; Blocked outdoor unit; Temperature setting too high; Doors/windows open	Clean air filters; Clear obstructions; Lower temperature; Close openings
Unusual noise	Loose parts; Unit not level; Foreign object in fan	Contact service; Ensure stable installation; Turn off and inspect (if safe)
Water leakage	Clogged drain pipe; Improper installation	Clear drain pipe; Contact service for inspection
Error code displayed	System malfunction	Note the code and contact authorized service personnel.

8. Specifications

Feature	Specification
Brand	O General
Model	ASGG24CPAB-B
Capacity	2 Tons

Feature	Specification
Energy Efficiency	3 Star
Installation Type	Split System
Special Features	Inverter Compressor, Silicon Coated PCB, Self Diagnosis, Coanda Airflow, Economy Mode, Double Swing Automatic - 3D Airflow, Corrosion Resistant
Condenser Type	Copper
Refrigerant	R32
Indoor Unit Dimensions (LxWxH)	98 x 24 x 28 Centimeters
Outdoor Unit Dimensions (LxWxH)	79.90 x 29 x 63.20 Centimeters
Color	White
Model Year	2025

9. Warranty and Support

Your O General air conditioner comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official O General website. For technical support, service requests, or inquiries, please contact O General customer service through their official channels.