

## Carrier CAW24EC3R32F0

# Carrier 2 Ton 3 Star Window AC Estrella Ex User Manual

Model: CAW24EC3R32F0

Brand: Carrier

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Carrier 2 Ton 3 Star Window Fixed Speed Air Conditioner, model Estrella Ex CAW24EC3R32F0. Please read this manual thoroughly before using the appliance and retain it for future reference.

## 2. SAFETY INFORMATION

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

- Ensure the AC is installed by a qualified technician in accordance with local electrical codes.
- Do not operate the AC with wet hands or when standing on a wet surface.
- Do not insert objects into the air outlet or inlet.
- Keep children away from the unit.
- Turn off the power supply before cleaning or performing any maintenance.
- Do not attempt to repair the unit yourself. Contact authorized service personnel.
- Ensure proper grounding to prevent electrical shock.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Carrier Window AC Unit
- 1 x Remote Control
- 1 x User Manual Book

## 4. PRODUCT OVERVIEW AND FEATURES

The Carrier Estrella Ex Window AC is designed for efficient cooling with several advanced features:

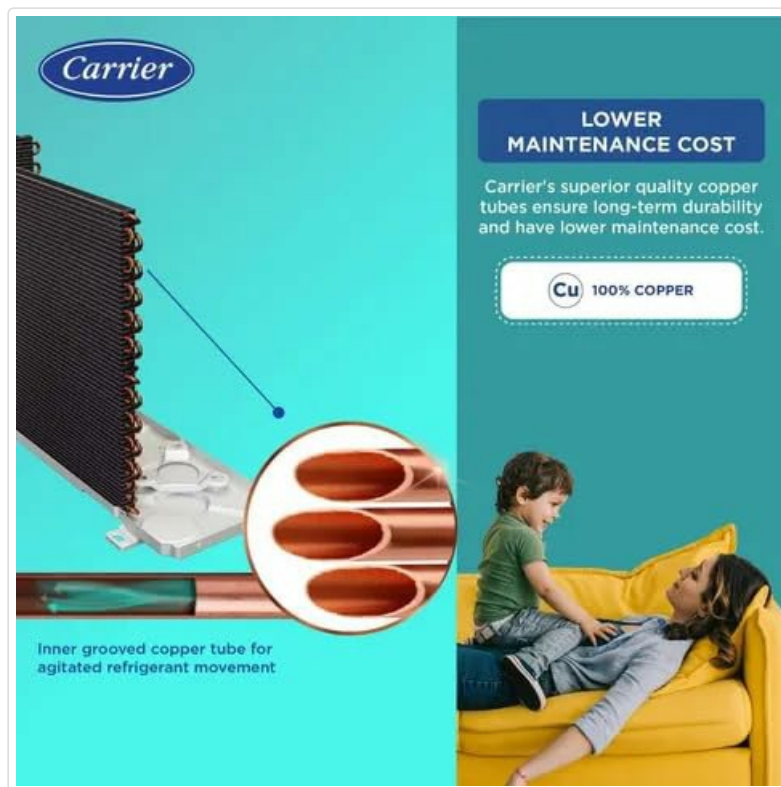
- **Temperature Display:** Integrated on the panel for easy monitoring.
- **Dust Filter:** Provides fresh and clean air by filtering out dust particles.
- **Air Direction:** 2-Way air direction for uniform cooling across the room.
- **Anti-Corrosion Coating (Blue):** Enhances durability and extends the lifespan of the unit.
- **Auto Off Timer:** Allows setting a specific time for the AC to turn off automatically.
- **Auto On Timer:** Allows setting a specific time for the AC to turn on automatically.
- **Dry Mode:** Reduces humidity in the room.
- **High Ambient Working:** Capable of operating effectively at temperatures up to 50°C (at 230V rated).
- **Auto Fan Speed:** Automatically adjusts fan speed for optimal comfort.
- **Auto Restart:** Automatically restarts with previous settings after a power outage.
- **Energy Saver Mode:** Optimizes power consumption for energy efficiency.
- **Sleep Mode:** Adjusts temperature gradually for comfortable sleep and energy saving.



**Figure 4.1:** Warranty details for the Carrier AC, highlighting 5 years warranty on compressor and PCB.



**Figure 4.2:** The 2-way air direction feature ensures cool air reaches every corner of the room.



**Figure 4.3:** Superior quality 100% copper tubes with inner grooves ensure long-term durability and lower maintenance costs.



**Carrier**

**INSTA KOOL**

**DRAMATICALLY FASTER COOLING**

In a rush? No problem. Click the Insta Kool button and the RPM automatically increases by 60 rounds to give you quick cooling for 45 mins at 17° C.

**TURBO MODE**

**Figure 4.4:** Activate Insta Kool button and Turbo Mode for quick cooling to 17°C in 45 minutes.



**Carrier**

**SLEEP MODE**

**ENSURES A COMFORT COOLING**

Ensures comfortable cooling experience by increasing the temperature by 1°C per hour for the first two hours, then holding it steady for the next five hours and finally switching off the AC.

**SLEEP MODE**

**Figure 4.5:** Sleep Mode ensures comfortable cooling by gradually increasing temperature and switching off after a set period.



**Figure 4.6:** The AC is designed for High Ambient Working, keeping you cool even when outside temperatures reach 50°C.



**Figure 4.7:** Equipped with a Dust Filter, the AC provides fresh and clean air by capturing airborne particles.

## 5. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your window AC. It is highly recommended to have the unit installed by a certified professional.

### 5.1 Site Selection

- Choose a window that can support the weight of the AC unit (52 kg).
- Ensure the window opening meets the minimum dimensions: 43 cm (height) x 66 cm (width).
- The location should allow for proper drainage of condensed water.
- Avoid locations exposed to direct sunlight or heat sources.

## 5.2 Electrical Requirements

- The unit requires a 230 Volts power supply.
- Ensure the electrical circuit is dedicated and properly grounded.
- Do not use extension cords or multi-plugs.

## 5.3 Installation Steps (Professional Installation Recommended)

1. Prepare the window opening, ensuring it is clean and free of obstructions.
2. Install the mounting frame (if applicable) securely.
3. Carefully lift and place the AC unit into the window opening, ensuring it is level or slightly tilted outwards for drainage.
4. Secure the unit using appropriate fasteners and seal any gaps around the unit to prevent air leakage.
5. Connect the power cord to a suitable electrical outlet.
6. Test the unit for proper operation and check for any unusual noises or vibrations.

# 6. OPERATING INSTRUCTIONS

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

## 6.1 Basic Operation

- **Power On/Off:** Press the **POWER** button to turn the unit on or off.
- **Temperature Adjustment:** Use the **TEMP UP** and **TEMP DOWN** buttons to set your desired temperature.
- **Mode Selection:** Press the **MODE** button to cycle through available modes: Cool, Dry, Fan.
- **Fan Speed:** Press the **FAN SPEED** button to adjust the fan speed (Low, Medium, High, Auto).

## 6.2 Advanced Functions

- **Timer Function:** Use the **TIMER ON/OFF** buttons to set a specific time for the AC to turn on or off automatically.
- **Sleep Mode:** Press the **SLEEP** button to activate sleep mode, which gradually adjusts the temperature for comfortable sleep and energy saving.
- **Turbo Mode:** Press the **TURBO** button for rapid cooling when you need to quickly lower the room temperature.
- **Energy Saver Mode:** Activate **ENERGY SAVER** mode to optimize power consumption.

# 7. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the life of your AC unit.

### 7.1 Dust Filter Cleaning

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

1. Turn off the AC unit and disconnect it from the power supply.
2. Open the front panel of the AC unit.
3. Carefully remove the dust filter(s).
4. Clean the filter(s) with a vacuum cleaner or wash them with lukewarm water and a mild detergent.
5. Rinse thoroughly and allow the filter(s) to dry completely before reinserting.
6. Close the front panel and restore power.

### 7.2 General Cleaning

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the air inlet and outlet grilles are free from obstructions.

### 7.3 Seasonal Checks

- Before the cooling season, check for any damage to the power cord or unit.
- Ensure proper drainage and clear any blockages in the drain pan or hose.
- Consider scheduling a professional service check annually.

## 8. TROUBLESHOOTING

If you encounter issues with your AC, refer to the following common problems and solutions. If the problem persists, contact customer support.

| Problem              | Possible Cause                                                                                                 | Solution                                                                              |
|----------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| AC does not turn on  | No power supply; Power cord unplugged; Blown fuse/tripped breaker; Remote control batteries dead.              | Check power connection; Replace batteries in remote; Check fuse/breaker.              |
| Insufficient cooling | Dirty air filter; Blocked air intake/outlet; Room too large; Doors/windows open; Temperature setting too high. | Clean air filter; Clear obstructions; Close doors/windows; Lower temperature setting. |
| Unusual noise        | Loose parts; Unit not level; Obstruction in fan.                                                               | Check for loose parts; Ensure unit is level; Remove any obstructions.                 |
| Water leakage        | Blocked drain hose; Unit not tilted correctly.                                                                 | Clear drain hose; Adjust unit tilt slightly outwards.                                 |

## 9. SPECIFICATIONS

| Specification | Detail  |
|---------------|---------|
| Brand         | Carrier |

| Specification                  | Detail                             |
|--------------------------------|------------------------------------|
| Model Name                     | 24K ESTRELLA EX 3 STAR             |
| Model Number                   | CAW24EC3R32F0                      |
| Capacity                       | 2 Tons                             |
| Cooling Power                  | 6000 Kilowatts                     |
| Product Dimensions (D x W x H) | 77D x 66W x 43H Centimeters        |
| Item Weight                    | 52000 Grams                        |
| Colour                         | WHITE                              |
| Noise Level                    | 58 Decibels                        |
| Refrigerant                    | R-32                               |
| Filter Type                    | Dust Filter                        |
| Inverter Type                  | No Inverter (Fixed Speed)          |
| Installation Type              | Window                             |
| Compressor Type                | Rotary Scroll                      |
| Core Material                  | Copper                             |
| Voltage                        | 230 Volts                          |
| Wattage                        | 1875 Watts                         |
| Control Method                 | Remote Control                     |
| BEE Star Rating                | 3 Star                             |
| Annual Energy Consumption      | 1451 Kilowatt Hours Per Year       |
| Air Flow Efficiency            | 650 Cubic Feet Per Minute Per Watt |

## 10. WARRANTY INFORMATION

Your Carrier AC unit comes with the following warranty:

- **1 Year Comprehensive Warranty** on the entire unit.
- **5 Years Warranty on Compressor.**

Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects and does not cover damage due to improper installation, misuse, or unauthorized repairs.

## 11. CUSTOMER SUPPORT

For any queries, service requests, or technical assistance, please contact Carrier Customer Care:

- **Customer Care Number:** 18001033333
- **Manufacturer Address:** Carrier Midea India Pvt. Ltd., 1st Floor, Pearl Tower, Plot no. 51, Sector-32, Gurgaon-122001

When contacting support, please have your model number (CAW24EC3R32F0) and purchase details ready.