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> Carrier 1.5 Ton 5 Star Window Inverter Air Conditioner (Model: ESTRELLA EXI 5 STAR) User Manual

Carrier ESTRELLA EXI 5 STAR

Carrier 1.5 Ton 5 Star Window Inverter Air Conditioner User Manual

Model: ESTRELLA EXI 5 STAR

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new Carrier 1.5 Ton 5 Star Window Inverter Air Conditioner, Model ESTRELLA EXI 5 STAR. Please read this manual thoroughly before using the appliance and retain it for future reference.

Your Carrier air conditioner is designed to provide optimal cooling comfort with advanced features such as Flexicool inverter technology, a 5-star energy rating, and a durable copper condenser coil with Aqua Clear Protection.

IMPORTANT SAFETY INFORMATION

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

- Read all instructions before using the air conditioner.
- Ensure the power supply matches the voltage specified on the unit's rating label.
- Do not operate the air conditioner with a damaged power cord or plug.
- Do not insert fingers or objects into the air inlet/outlet.
- Keep children away from the unit.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Ensure proper grounding to prevent electrical shock.
- Turn off the power supply before cleaning or performing maintenance.

PRODUCT FEATURES

Your Carrier ESTRELLA EXI 5 STAR Window Inverter Air Conditioner comes equipped with several advanced features for enhanced performance and comfort:

- **Flexicool Inverter Technology:** Variable speed compressor adjusts power based on heat load, offering Convertible

4-in-1 cooling and up to 50% energy savings.

- **100% Copper Condenser Coil:** Ensures better cooling efficiency, durability, and low maintenance, protected by Aqua Clear Protection against rust and corrosion.
- **5 Star Energy Rating:** High energy efficiency for reduced electricity consumption.
- **Dust Filter:** Helps in filtering out dust particles for cleaner air.
- **Turbo Cool:** Provides faster cooling when rapid temperature reduction is desired.
- **Hydro Blue Coating:** Enhances the lifespan of the unit and provides long-lasting comfort.
- **Refrigerant Leakage Detector:** Alerts you to potential refrigerant leaks.
- **Auto Cleanser:** Helps maintain the cleanliness of the indoor unit.
- **ADC Sensor:** Advanced sensor technology for precise temperature control.



Image: Front view of the Carrier ESTRELLA EXI 5 STAR Window Inverter Air Conditioner, showcasing the front grille and Carrier logo.

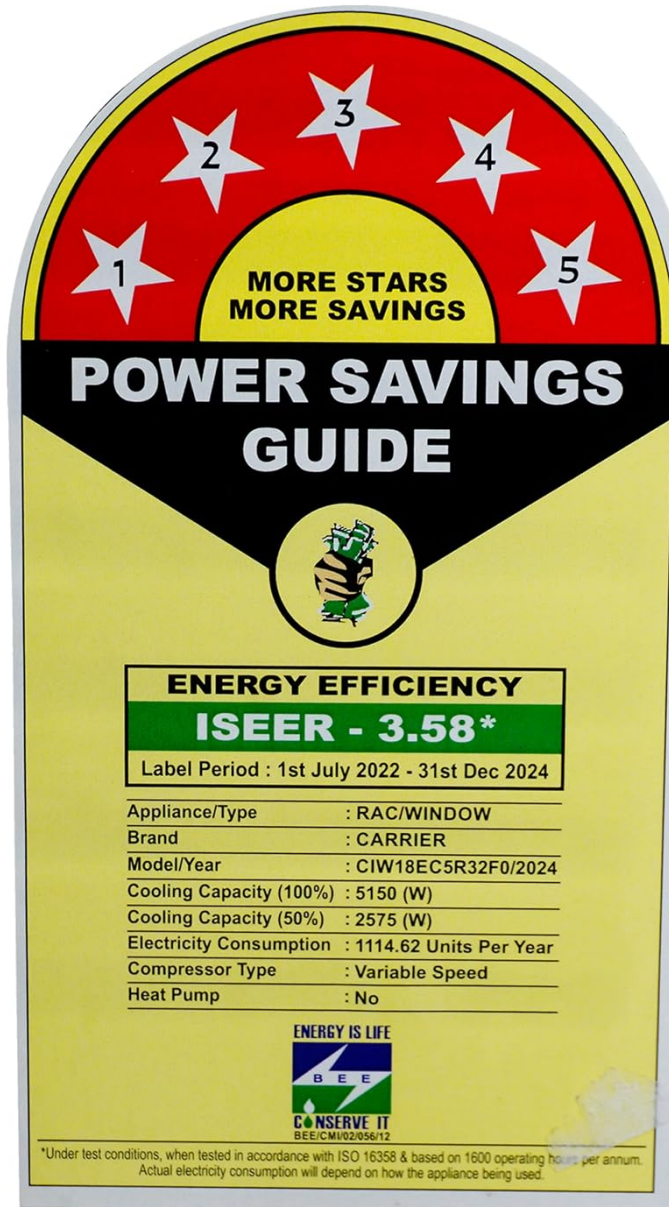


Image: Energy efficiency label (BEE 5 Star rating) for the Carrier Window AC, detailing ISEER and annual energy consumption.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your air conditioner. It is highly recommended to have the unit installed by a qualified technician.

Pre-Installation Checks:

- **Window Compatibility:** Ensure your window opening meets the minimum height (32 cm) and width (96 cm) requirements for the unit.
- **Power Supply:** Verify that a dedicated 230V AC power outlet with proper grounding is available near the installation site.
- **Structural Support:** The window frame and surrounding structure must be strong enough to support the unit's weight (approximately 37 kg).
- **Drainage:** Ensure there is a slight tilt to the unit after installation to allow for proper condensate drainage.

General Installation Steps (for qualified technicians):

1. Prepare the window opening, ensuring it is clean and free of obstructions.
2. Carefully lift and place the air conditioner into the window opening.
3. Secure the unit firmly using mounting brackets and screws provided, ensuring it is level or slightly tilted outwards for drainage.
4. Seal any gaps around the unit with weatherstripping or insulation to prevent air leakage.
5. Connect the power cord to the grounded electrical outlet.
6. Perform a test run to ensure all functions are operating correctly and there are no unusual noises or vibrations.

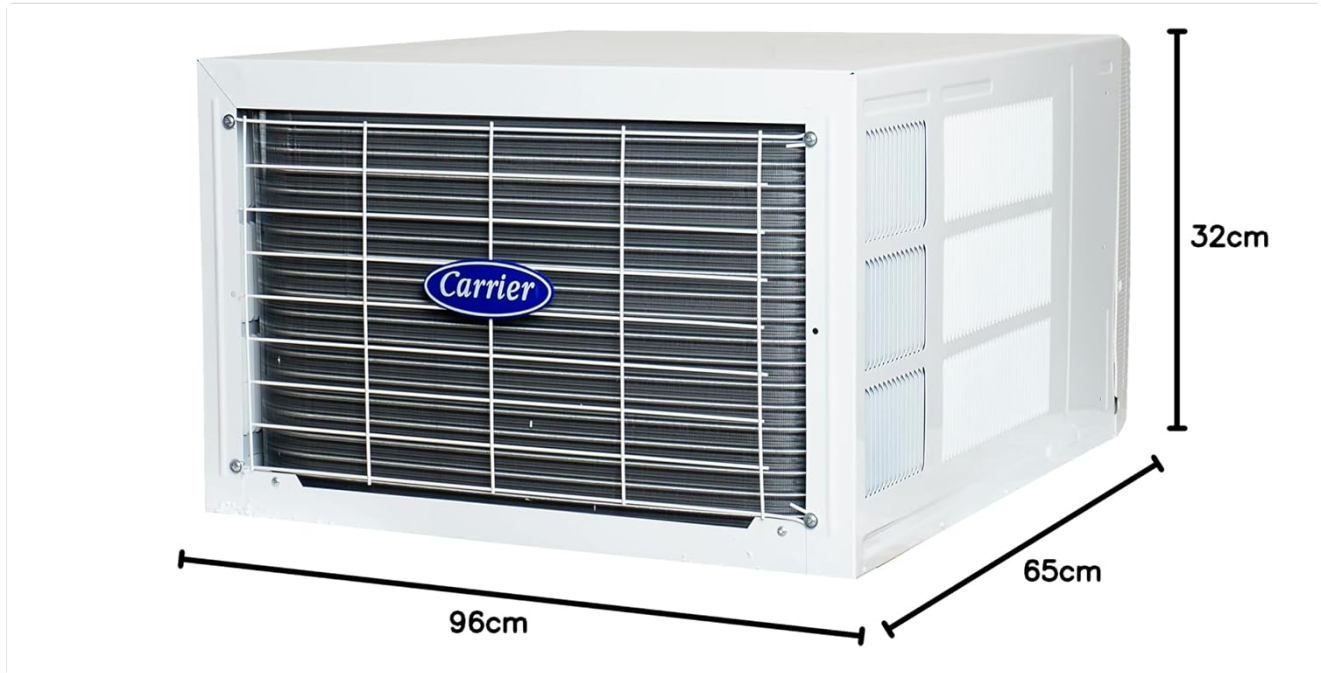


Image: Diagram showing the dimensions of the Carrier Window Inverter Air Conditioner: 96cm (width), 65cm (depth), 32cm (height).



Image: A Carrier Window AC unit shown installed in a window, illustrating its placement.

OPERATING INSTRUCTIONS

Your air conditioner can be operated using the control panel on the unit or the provided remote control.

Control Panel:



Image: Close-up of the control panel on the Carrier Window AC, showing buttons for mode, fan speed, turbo, power, swing, sleep, timer, and temperature adjustment.

The control panel provides direct access to basic functions. Refer to the labels next to each button for specific operations.

Remote Control:



Image: The remote control for the Carrier Window Inverter Air Conditioner, featuring buttons for power, mode, fan speed, temperature, swing, sleep, timer, and turbo cool.

The remote control offers full functionality and convenience. Ensure batteries are correctly inserted.

Basic Operations:

- **Power On/Off:** Press the **POWER** button to turn the unit on or off.
- **Mode Selection:** Press the **MODE** button to cycle through modes: Cool, Dry, Fan.
 - **Cool Mode:** For cooling the room. Adjust temperature using **TEMP/TIME** buttons.
 - **Dry Mode:** For dehumidification.
 - **Fan Mode:** Circulates air without cooling.
- **Temperature Adjustment:** Use the **TEMP/TIME** up/down arrows to set your desired temperature.
- **Fan Speed:** Press the **FAN SPEED** button to select fan speed (Low, Medium, High, Auto).
- **Turbo Mode:** Press **TURBO COOL** for rapid cooling.
- **Swing Function:** Press **SWING** to activate or deactivate the automatic air swing.
- **Sleep Mode:** Press **SLEEP** for comfortable sleeping conditions with gradual temperature adjustments.

- **Timer Function:** Use **TIMER ON/OFF** buttons to set a specific time for the unit to turn on or off.

MAINTENANCE

Regular maintenance ensures efficient operation and extends the lifespan of your air conditioner. Always disconnect power before performing any maintenance.

Air Filter Cleaning:

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

Frequency: Clean the air filter every two weeks or more frequently if the unit is used in a dusty environment.

General Cleaning:

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the drainage pan and hose are clear of obstructions to prevent water leakage.
- Periodically check the condenser coils at the back of the unit for dirt and debris. If heavily soiled, professional cleaning may be required.

Note: For internal cleaning or any complex maintenance, contact authorized Carrier service personnel.

TROUBLESHOOTING

Before contacting service, refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not start	No power supply; Power cord unplugged; Blown fuse/tripped breaker; Remote control batteries dead.	Check power connection; Plug in power cord; Reset breaker/replace fuse; Replace remote control batteries.
Insufficient cooling	Dirty air filter; Blocked air intake/outlet; Room too large; Doors/windows open; Temperature setting too high.	Clean air filter; Clear obstructions; Ensure room size is appropriate; Close doors/windows; Lower temperature setting.
Water leakage	Unit not tilted correctly for drainage; Drain pan/hose blocked.	Adjust unit tilt; Clear drain pan/hose.
Unusual noise	Loose parts; Unit not installed securely; Fan obstruction.	Check for loose parts; Ensure secure installation; Remove any fan obstructions.
Remote control not working	Batteries dead or incorrectly inserted; Obstruction between remote and unit.	Replace batteries; Ensure correct polarity; Remove obstructions.

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

SPECIFICATIONS

Detailed technical specifications for the Carrier ESTRELLA EXI 5 STAR Window Inverter Air Conditioner:

- **Brand:** Carrier
- **Model Name:** ESTRELLA EXI 5 STAR
- **Capacity:** 1.5 tons
- **Cooling Power:** 18000 British Thermal Units
- **BEE Star Rating:** 5 Star
- **Seasonal Energy Efficiency Ratio (SEER):** 3.85
- **Annual Energy Consumption:** 620 Kilowatts
- **Product Dimensions (D x W x H):** 65D x 96W x 32H Centimeters
- **Item Weight:** 37000 Grams (37 kg)
- **Colour:** White
- **Noise Level:** 48 Decibels
- **Refrigerant:** R-32
- **Inverter Type:** Has Inverter
- **Installation Type:** Window
- **Compressor Type:** Rotary Scroll
- **Voltage:** 230 Volts (AC)
- **Control Method:** Remote Control
- **Special Features:** Dust Filter, Flexicool Inverter Compressor, Convertible 4-in-1 cooling, HD Filter, Turbo Cool, Hydro Blue Coating, Refrigerant Leakage Detector, Auto Cleanser, ADC Sensor.

WARRANTY AND SUPPORT

Warranty Information:

Your Carrier air conditioner comes with the following warranty:

- **1 Year Manufacturer Warranty** on the entire unit.
- **5 Years Warranty on PCB** (Printed Circuit Board).
- **10 Years Warranty on Compressor.**

Additionally, you are entitled to **2 Free Preventive Maintenance Services** during the warranty period. Please retain your purchase receipt for warranty claims.

Customer Support:

For any service requests, technical assistance, or warranty claims, 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

You can also visit the official Carrier website for more information and support resources.