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Blue Star WFA209LXU

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Blue Star 0.8 Ton 2 Star Window AC (WFA209LXU) Instruction Manual

Model: WFA209LXU

1. INTRODUCTION

Thank you for choosing the Blue Star 0.8 Ton 2 Star Window Air Conditioner, model WFA209LXU. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

2. SAFETY INFORMATION

Always observe the following basic precautions to reduce the risk of fire, electric shock, or injury:

- Ensure the power supply matches the specifications of the unit.
- Do not operate the AC with wet hands or when standing on a wet surface.
- Never insert objects into the air outlet or inlet.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Keep flammable materials away from the unit.
- Ensure proper grounding to prevent electric shock.

3. PRODUCT OVERVIEW

The Blue Star WFA209LXU is a 0.8 Ton 2 Star Window AC designed for small rooms up to 110 sq.ft. It features a high energy-efficient rotary compressor and uses R-32 eco-friendly refrigerant. Key features include:

- **Turbo Cool:** For rapid cooling.
- **Comfort Sleep:** Adjusts operation for optimal sleep comfort.
- **Humidity Control (Dry Mode):** Reduces excess moisture in the air.
- **Auto Re-start with Memory:** Resumes previous settings after power cuts.
- **Self Diagnosis:** Alerts users to operational faults with error codes.
- **Anti Corrosive Blue Fins:** Enhances durability and cooling performance.
- **2-Way Air Swing:** Ensures even air distribution.

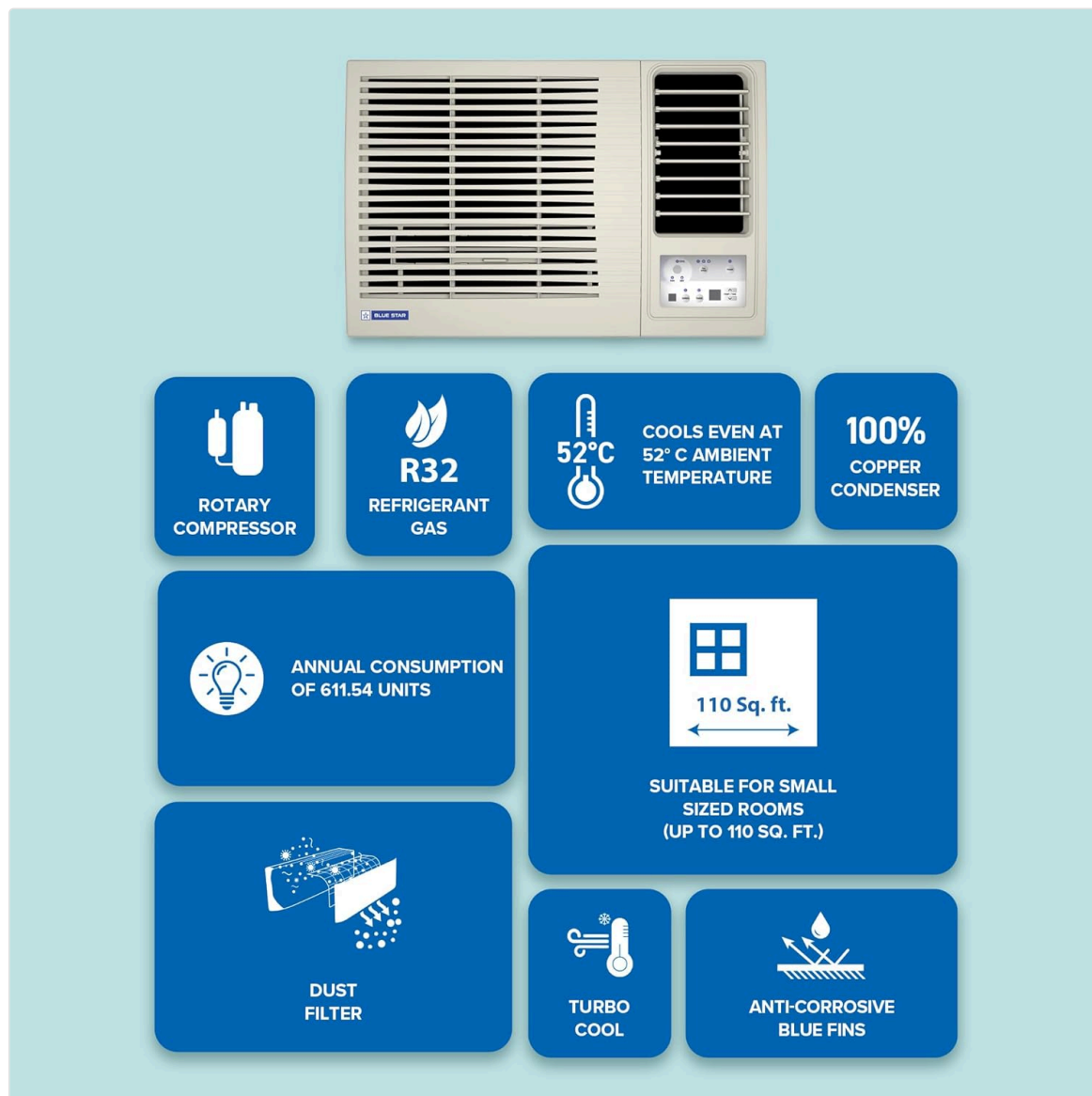


Image 1: Overview of the Blue Star Window AC highlighting features like Rotary Compressor, R32 Refrigerant, 52°C Ambient Cooling, 100% Copper Condenser, Annual Consumption, Room Size Suitability, Dust Filter, Turbo Cool, and Anti-Corrosive Blue Fins.



Image 2: The Blue Star Window AC showcasing its Power Savings Guide (ISEER 3.15), R32 Eco-Friendly Refrigerant, Energy Saver function, 100% Copper Condenser, and Self Diagnosis feature.

4. SETUP AND INSTALLATION

This is a window-mounted air conditioner. Proper installation is crucial for optimal performance and safety. It is highly recommended to have the unit installed by a qualified technician.

4.1 Pre-Installation Check

- Ensure the window opening is suitable for the unit's dimensions.
- Verify the electrical outlet meets the power requirements.
- Confirm the window frame and surrounding structure can support the unit's weight (approximately 37.4 kg).

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4.2 Dimensions

The physical dimensions of the unit are:

- Depth: 57.8 cm
- Width: 56 cm
- Height: 37.5 cm



Image 3: The Blue Star Window AC with its dimensions (57.8 cm D x 56 cm W x 37.5 cm H) and the included remote control.

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4.3 Included Components

The product package includes:

- 1 x Blue Star Window AC Unit
- 1 x Remote Control
- 1 x Instruction Manual with Warranty Card

5. OPERATING INSTRUCTIONS

Your Blue Star Window AC comes with a remote control for convenient operation. Familiarize yourself with the remote's buttons and functions.

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5.1 Basic Operation

- **Power On/Off:** Press the power button on the remote to turn the unit on or off.
- **Mode Selection:** Use the 'Mode' button to cycle through cooling, fan, and dry modes.
- **Temperature Adjustment:** Use the '+' and '-' buttons to set your desired temperature.
- **Fan Speed:** Adjust the fan speed (low, medium, high) using the 'Fan' button.

5.2 Special Features

- **Turbo Cool:** Activate this pre-set mode for instant maximum cooling, ideal for quickly lowering room temperature during hot weather.
- **Comfort Sleep:** This intelligent feature automatically adjusts the AC's operation to provide optimal cooling comfort throughout the night, ensuring undisturbed sleep.
- **Humidity Control (Dry Mode):** In humid conditions, select the Dry Mode to remove excess moisture from the indoor air, making the room feel cooler and more comfortable without significant temperature drops.
- **Auto Re-start with Memory:** In case of a power outage, the AC will automatically restart with the last set operating mode and temperature once power is restored.
- **2-Way Air Swing:** The unit features a 2-way air swing function to distribute cool air evenly across the room.

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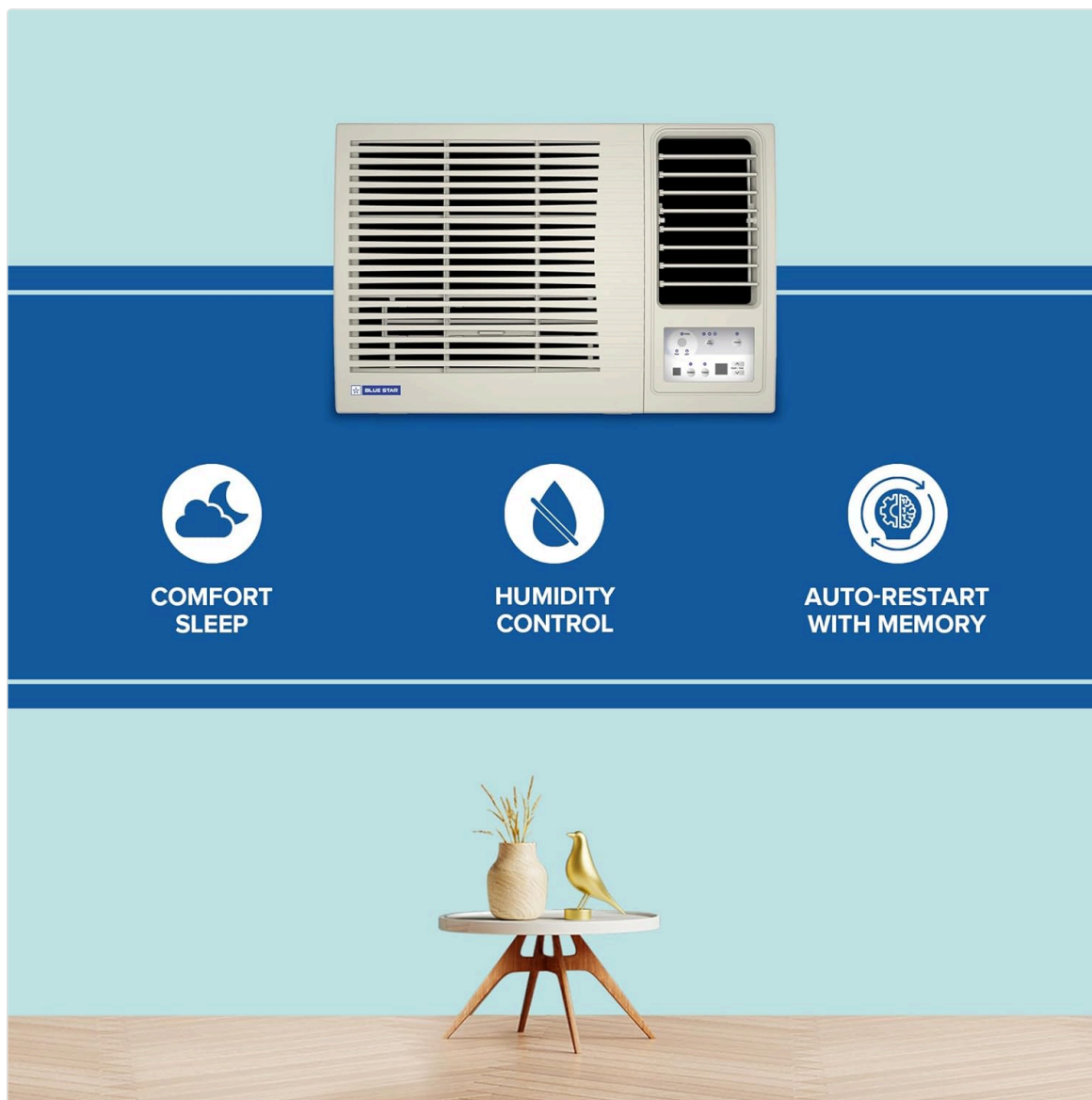


Image 4: The Blue Star Window AC highlighting Comfort Sleep, Humidity Control, and Auto-Restart with Memory features.

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6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your air conditioner.

6.1 Air Filter Cleaning

- Turn off the AC and disconnect power before cleaning.
- Remove the front panel and carefully slide out the air filters.
- Clean the filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
- Rinse thoroughly and allow them to dry completely before re-installing.
- Clean filters every two weeks or more frequently if the unit is used often or in dusty environments.

6.2 Exterior Cleaning

- Wipe the exterior of the unit with a soft, damp cloth.
- Do not use harsh chemicals, abrasives, or solvents.

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6.3 Blue Fins

The unit is equipped with Anti Corrosive Blue Fins, which resist water and dust deposit, contributing to unhindered cooling performance and enhanced durability. While these fins offer protection, periodic professional cleaning of the coils is still recommended.

7. TROUBLESHOOTING

If your AC is not operating correctly, refer to the following common issues before contacting customer service.

7.1 Self Diagnosis Feature

The AC's Self Diagnosis feature alerts you to operational faults by displaying an error code. Note down the error code and refer to the troubleshooting section in the full manual (if provided separately) or contact customer support with the code for faster resolution.

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7.2 Common Issues

- **AC not turning on:** Check power supply, circuit breaker, and ensure the remote control batteries are not depleted.
- **Insufficient cooling:** Clean air filters, ensure no obstructions to airflow, check if windows/doors are closed, and verify temperature settings.
- **Unusual noise:** Ensure the unit is securely installed. If the noise persists or is excessive, contact service.
- **Water leakage:** Check for proper drainage and ensure the unit is level.

For issues not resolved by these steps, contact Blue Star customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Blue Star
Model Name	WFA209LXU
Capacity	0.8 Tons
Cooling Power	2.49 Kilowatts (2490 Watts)
Energy Rating	2 Star (as per new BEE guidelines effective from 1st Jan 2026)
ISEER Value	3.15
Annual Energy Consumption	611.54 Kilowatt Hours Per Year
Refrigerant	R-32
Compressor Type	Rotary
Noise Level	56 Decibels
Product Dimensions (D x W x H)	57.8D x 56W x 37.5H Centimeters

Item Weight	37.4 Kilograms (37400 Grams)
Voltage	230 Volts
Room Type Suitability	Small Room (up to 110 sq.ft)
Special Features	Comfort Sleep, Energy Saver, High Energy Efficient Rotary Compressor, Humidity Control (Dry Mode), Turbo Cool, Self Diagnosis, Anti Corrosive Blue Fins, 2-Way Air Swing
Installation Type	Window
Control Method	Remote Control

9. WARRANTY INFORMATION

Your Blue Star Window AC (WFA209LXU) comes with the following manufacturer's warranty:

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- **Product Warranty:** 1 Year on the entire product.
- **Compressor Warranty:** 5 Years on the Fixed Speed Compressor.

Coverage Details: The warranty comprehensively covers all repairs, rectification, or replacement of components such as the Electronic PCB, IDU Evaporating Coil, and ODU Condenser Coil.

Exclusions: The warranty excludes all types of air filters, plastic and metal parts, the remote handset, and gas charging. Gas charging associated with the Compressor/Evaporator/Condenser coil will be paid by the customer. This warranty applies to residential usage only. Terms and conditions apply.

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10. CUSTOMER SUPPORT

For any queries, service requests, or technical assistance, please contact Blue Star customer care:

- **24x7 Customer Care:** (+91) 89 76 781177
- **SMS Service:** Send "Service" or "Cool" to 57575

Manufacturer Contact Information: BLUE STAR LIMITED, KASTURI BUILDINGS, MOHAN T ADVANI CHOWK, JAMSHEDJI TATA ROAD, CHURCHGATE, MUMBAI 400 020.

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Comfort Assured With Trusted Service From Blue Star.



SMS

SMS "Service" or
"Cool" to 57575.

24x7

24x7 Customer Care on
(+91) 89 76 781177.

Image 5: Map illustrating Blue Star's service network across India, along with customer care contact number (+91 89 76 781177) and SMS service details (SMS "Service" or "Cool" to 57575).

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Related Documents - WFA209LXU

	BlueStar Wall Hoods Installation and Use & Care Manual This comprehensive manual guides users through the installation, operation, and care of BlueStar® Wall Hoods. It details handling, ducting, electrical connections, blower installation (in-hood and remote), mounting, liner reinstallation, duct cover installation, and specific instructions for 'MH' models. The guide also covers control panel operation, cleaning procedures, and warranty information for models including AT, BZ, HA, IN, ME, MH, NR, PL, PM, PY, SC, WR, HYEX, and ATEX.
	BlueStar 60" Platinum Series All Gas Rangetop Specifications Technical specifications and installation guide for the BlueStar 60" Platinum Series All Gas Rangetop, featuring X-8 burners and customizable options.
	BlueStar 48" Platinum Series X-8 All Gas Rangetop Overview Explore the BlueStar 48-inch Platinum Series X-8 All Gas Rangetop. Features, technical specifications, and installation dimensions for models BSPGRT486G and BSPGRT488B.
	Blue Star RNB 48"-8 Burner Gas Range Factory Assembly Drawings Detailed factory assembly drawings for the Blue Star RNB 48-inch, 8-burner gas range (Model RNB488B), including part lists and assembly diagrams.
	BlueStar 48-Inch Platinum Series X-8 All Gas Rangetop Specifications & Installation Detailed specifications, features, and installation dimensions for the BlueStar 48-inch Platinum Series X-8 All Gas Rangetop (Model BSPGRT488B).
	BlueStar Platinum Series X-8 All Gas Range Specifications Technical specifications and installation guidelines for the BlueStar Platinum Series X-8 All Gas Range, including burner configurations and site preparation details.

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.

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Anonymous

Email

you@example.com

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

BLUE STAR WFA209LXU

KEEP EXPLORING MANUALS, GUIDES, AND SUPPORT DOCS.

Search model numbers, browse help resources, and jump straight into the next PDF manual or troubleshooting page without losing your place.

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