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› Blue Star 1 Ton 5 Star Convertible 5 in 1 Cooling Inverter Split AC (IC512YNU) User Manual

Blue Star IC512YNU

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Model: IC512YNU

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Blue Star 1 Ton 5 Star Convertible 5 in 1 Cooling Inverter Split AC, model IC512YNU. Please read these instructions thoroughly before using the appliance and retain them for future reference.



Figure 1: Blue Star 1 Ton 5 Star Convertible 5 in 1 Cooling Inverter Split AC Indoor Unit.

Key Features:

- **5-in-1 Convertible Cooling:** Adjusts cooling capacity to suit comfort needs.
- **Turbo Cool:** Provides rapid cooling during high temperatures.
- **Smart Ready:** Compatible with Blue Star's Smart App and voice commands (additional charges may apply).
- **100% Copper:** Ensures efficient heat transfer and durability for condenser, evaporator, and connecting tubes.
- **Anti Corrosive Blue Fins:** Protects coils from corrosion, enhancing longevity.
- **Dust Filter:** Helps maintain indoor air quality.
- **Comfort Sleep:** Optimizes cooling for comfortable sleep.
- **Energy Saver (Eco Mode):** Reduces electricity consumption.

2. SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your air conditioner. It is highly recommended that installation be performed by qualified and authorized service personnel.

Included Components:

- 1 Indoor Unit
- 1 Outdoor Unit
- Copper wire (3 m)
- Inter Connecting Pipe (3.5 m)
- 1 Remote Control
- 1 User Manual with Warranty Card

Installation Guidelines:

Refer to the detailed installation guide provided by the authorized service technician. Ensure the indoor and outdoor units are placed on stable, level surfaces with adequate clearance for airflow. The connecting pipes and electrical wiring must be securely installed according to local regulations and safety standards.

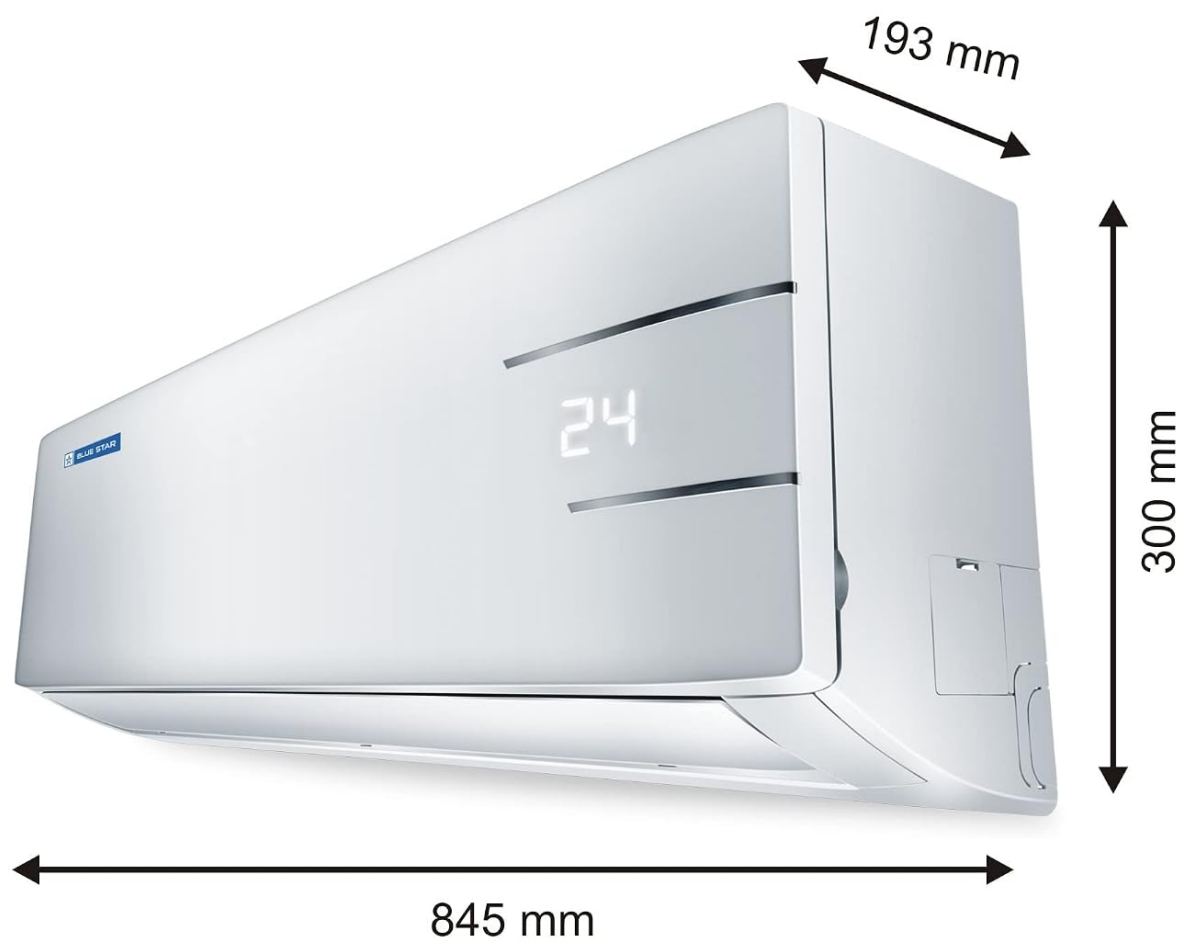


Figure 2: Indoor Unit Dimensions (approx. 19.3D x 84.5W x 30H Centimeters).



Figure 3: Outdoor Unit Dimensions (approx. 32.7D x 85.8W x 53.6H Centimeters).

3. OPERATING INSTRUCTIONS

Your Blue Star AC is designed for user-friendly operation. Use the provided remote control to access various functions.



Figure 4: Remote Control for Blue Star AC.

Basic Operation:

- **Power ON/OFF:** Press the **ON/OFF** button.
- **Mode Selection:** Use the **MODE** button to cycle through cooling, fan, dry, and auto modes.
- **Temperature Adjustment:** Use the **+** and **-** buttons to set the desired temperature.
- **Fan Speed:** Press the **FAN** button to adjust fan speed (Auto, Low, Medium, High).

Special Features:

- **5-in-1 Convertible Cooling:** This feature allows you to operate the AC at 5 different capacities (100%, 80%, 60%, 40%, and 110% Turbo) to match your comfort needs and save energy. Activate this mode using the dedicated '5-in-1 Conv' button on the remote.

5-IN-1 CONVERTIBLE COOLING



Unique 5-in-1 cooling mode to run your AC at 5 different capacities as per the desired comfort.

Figure 5: Illustration of 5-in-1 Convertible Cooling capacities.

- **Turbo Cool:** Press the '5-in-1 Turbo' button for instant maximum cooling, ideal for quickly lowering room temperature.
- **Smart Ready:** Your AC can be integrated with Blue Star's Smart App and voice assistants like Amazon Alexa or Google Home. An additional charge may be required to enable full smart functionality.



Pre-set mode to instantly cool the room during extreme summers.

The AC can be converted to a smart* one and also be operated through voice command.

*Available at an additional cost.

Figure 6: Turbo Cool for rapid cooling and Smart Ready for smart home integration.

- **Comfort Sleep:** Activates a mode that intelligently adjusts temperature and fan speed throughout the night for

optimal sleeping comfort.

- **Energy Saver (Eco Mode):** Reduces power consumption while maintaining comfortable cooling.
- **4-Way Swing:** Provides motorized horizontal and vertical airflow for uniform cooling distribution across the room.

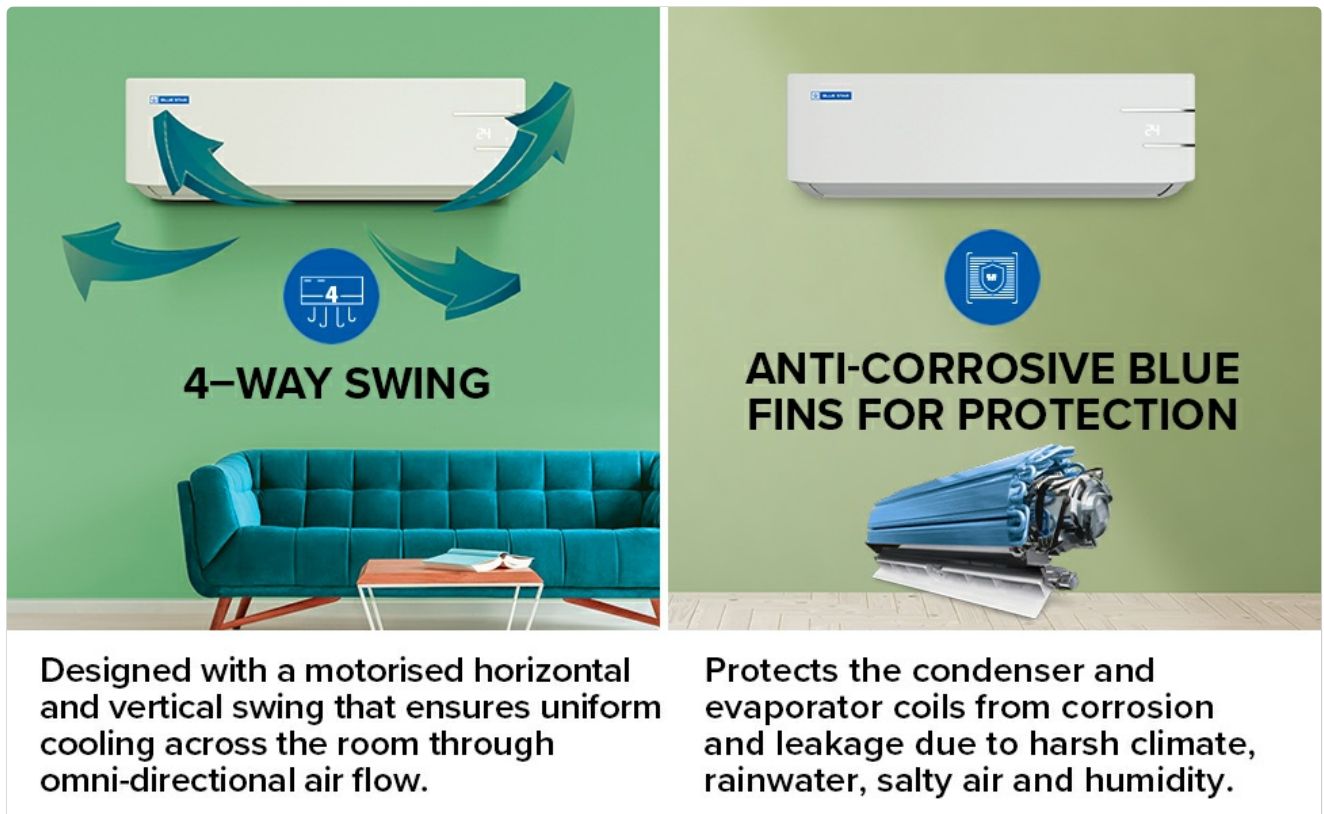


Figure 7: 4-Way Swing for even air distribution and Anti-Corrosive Blue Fins for protection.

4. MAINTENANCE

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

Filter Cleaning:

- The AC is equipped with a dust filter. Clean the air filter regularly (every two weeks or as needed) to maintain air quality and cooling efficiency.
- To clean, open the front panel of the indoor unit, remove the filters, wash them with mild detergent and water, rinse thoroughly, and dry completely before reinserting.

Coil Protection:

- The Anti Corrosive Blue Fins protect the condenser and evaporator coils from environmental damage, such as harsh climate, rainwater, salty air, and humidity. While these fins offer protection, periodic professional cleaning of the coils is recommended to ensure maximum efficiency.

General Cleaning:

- Wipe the exterior of the indoor and outdoor units with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the outdoor unit is free from obstructions like leaves or debris.

5. TROUBLESHOOTING

Before contacting customer service, please refer to the following common issues and solutions.

Common Issues:

Problem	Possible Cause	Solution
AC does not turn on	No power, remote control batteries low, circuit breaker tripped.	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling	Dirty air filter, doors/windows open, temperature setting too high, refrigerant leak.	Clean air filter, close doors/windows, lower temperature, contact service for refrigerant check.
Unusual noise	Loose parts, foreign objects, compressor issue.	Check for loose parts, remove obstructions. If noise persists, contact service. The acoustic jacket around the compressor minimizes normal operating noise.
Water leakage from indoor unit	Blocked drain pipe, improper installation.	Clear drain pipe. If issue persists, contact service for installation check.

Self-Diagnosis:

Your AC unit is equipped with a self-diagnosis function that can display error codes on the indoor unit's display. Refer to the detailed error code list in the comprehensive user manual (if provided separately) or contact customer support with the displayed code.

6. SPECIFICATIONS

Detailed technical specifications for the Blue Star IC512YNU AC unit.

Specification	Value
Brand	Blue Star
Model Number	IC512YNU
Capacity	1 Ton
BEE Star Rating	5 Star
Annual Energy Consumption	517.12 Kilowatt Hours Per Year
Refrigerant	R-32
Inverter Type	Has Inverter
Core Material	Copper
Noise Level	51 Decibels
Power Source	Corded Electric

Specification	Value
Voltage	230 Volts
Wattage	3375 Watts
Indoor Unit Dimensions (D x W x H)	19.3D x 84.5W x 30H Centimeters
Item Weight	35300 Grams (Total)
Control Method	Remote

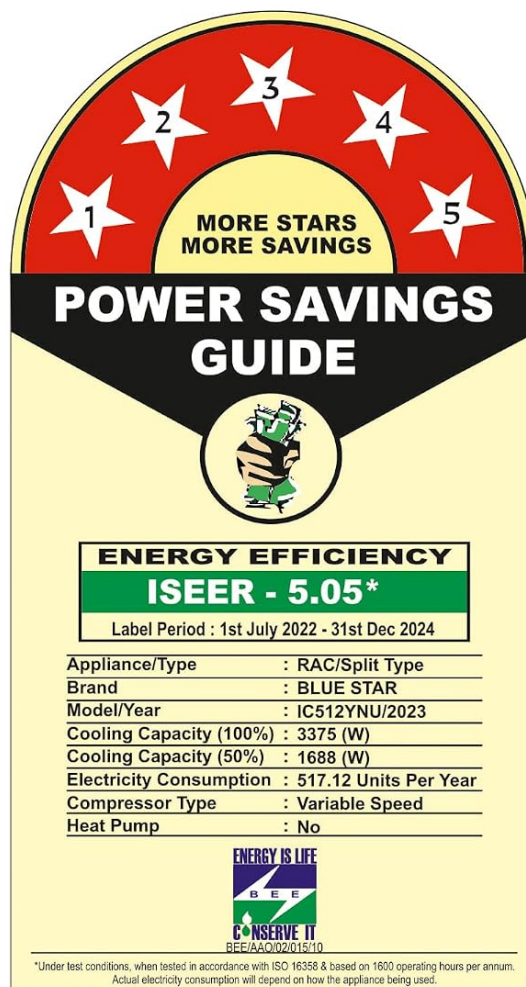


Figure 8: Energy Efficiency Guide for Blue Star IC512YNU, indicating 5-star rating.

7. WARRANTY AND SUPPORT

Warranty Information:

Your Blue Star AC comes with the following warranty:

- **1 Year** on Product
- **5 Years** on PCB (Printed Circuit Board)
- **10 Years** on Inverter Compressor

**Terms and Conditions apply.* Standard warranty covers repair or replacement of defective parts due to faulty material or workmanship, as confirmed by Blue Star technical personnel. It excludes air filters, plastic/metal parts, remote handset, and defects from improper handling or usage contrary to this manual. Gas charging associated with Compressor/Evaporator/Condenser coil is payable by the customer. This warranty applies to residential usage only.

For units installed by entities outside of Blue Star's service network, warranty repairs for defects attributed to installation may be charged by the Brand.

Customer Support:

For queries or assistance, please contact Blue Star customer service:

- **Telephone:** 89 7678 1177
- **WhatsApp:** Send 'Hi' to 829 100 1177
- **Email:** customerservice@bluestarindia.com

When contacting support, please provide your product's model name (IC512YNU) and seller's details from your invoice. Blue Star's service center will schedule a convenient slot for your service.

For 1-click warranty support on Amazon for manufacturing defects, go to your 'Your Orders' section, select the product, click 'Get product support', and schedule an appointment. This provides brand-authorized service, genuine parts, and a paperless warranty claim experience.

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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Question

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question