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› Blue Star IA322DXU 2 Ton 3 Star Smart Inverter Split AC User Manual

## Blue Star IA322DXU

# Blue Star IA322DXU 2 Ton 3 Star Smart Inverter Split AC User Manual

Model: IA322DXU

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Blue Star IA322DXU 2 Ton 3 Star Smart Inverter Split AC. Please read it thoroughly before using the appliance and retain it for future reference.

The Blue Star IA322DXU is a 2-ton, 3-star rated smart inverter split air conditioner designed for optimal cooling performance in rooms up to 200 sq ft. It features a 4-way swing, DigiQ Hepta Sensor, Anti-Corrosive Blue Fins, Turbo Cool, and Self Clean Technology, along with smart connectivity options.



Image: Front view of the Blue Star IA322DXU 2 Ton 3 Star Smart Inverter Split AC indoor unit.

## SAFETY INFORMATION

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### Important Safety Instructions:

- Always ensure the AC is installed by qualified and authorized personnel.
- Do not attempt to repair or modify the unit yourself. Contact authorized service personnel for all repairs.
- Ensure the power supply matches the specifications listed on the unit's rating label.
- Do not insert fingers or objects into the air inlet/outlet.
- Keep flammable materials away from the unit.
- Regularly clean the air filters to maintain efficiency and air quality.
- If any abnormal operation or smell occurs, immediately turn off the unit and disconnect the power supply.
- This appliance uses R-32 refrigerant, which is mildly flammable. Ensure proper ventilation during installation and servicing.

## SETUP AND INSTALLATION

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Professional installation is crucial for the optimal performance and safety of your Blue Star AC. Please ensure that only certified technicians perform the installation.

### Unboxing and Initial Inspection

- Carefully unbox the indoor and outdoor units.
- Verify that all included components are present: 1 Indoor Unit, 1 Outdoor Unit, 1 Remote Control, 1 User Manual with Warranty Card.
- Inspect for any visible damage during transit. Report any damage to the retailer immediately.

### Installation Guidelines

- **Indoor Unit Placement:** Choose a location that allows for even air distribution throughout the room, away from direct sunlight or heat sources. Ensure sufficient space around the unit for maintenance.
- **Outdoor Unit Placement:** Position the outdoor unit in a well-ventilated area, away from obstacles that might impede airflow. Ensure it is on a stable, level surface.
- **Refrigerant Piping:** The AC uses R-32 refrigerant. Ensure proper handling and installation of refrigerant lines by a qualified technician.
- **Electrical Connection:** Connect the unit to a dedicated power circuit with appropriate voltage (230 Volts) and earthing. The unit is designed for stabilizer-free operation within specified voltage ranges.
- **Drainage:** Ensure proper drainage for condensate water from the indoor unit to prevent leaks.

# SERVICE CHARGES – SPLIT ACs

SERVICE	CHARGES (₹)*
Standard installation charge	1500
Dismantling charge	750
Additional copper piping provided by customer per RMT (labour only)	200
Additional copper pipe with insulation per RMT	850
Additional drain pipe (PVC) 1" insulated wire mesh per RMT	90
4 core wire 1.5 sq mm interconnecting cable IDU - ODU per RMT	120
3 core wire 2.5 sq mm for power supply per RMT	120
Supply & installation of ODU stand	750
Installation of ODU stand if supplied by customer	200

## INCLUSIONS:

\*GST will be additional as applicable

- Mounting and installing of ODU & IDU (with accessories, if required).
- Drilling on the brick wall ( up to 10" ) for the copper tube, drain pipe, and the interconnection of electrical wires with communication cables.
- Cleaning the site.
- Product demonstration covering features, safety protocols, and troubleshooting steps.

## EXCLUSIONS:

- Additional copper pipe, electric / communication cables and drain pipe beyond the standard.
- Civil / core-cutting / carpentry / metal work on concrete / stone wall >10" thickness.
- Stabiliser & ODU stand supplied by customer will be charged for installation.
- Dismantling old AC.
- Scaffolding arrangement.
- MCB arrangement of 15/16 amps for 1 TR, 1.5 TR & 20 amps for 2 TR.
- Society / association permissions.
- Installation of external protective covers.
- Customised on-site work as per customer requirements.

For more information, you can reach us at [customerservice@bluestarindia.com](mailto:customerservice@bluestarindia.com) or call us at **89 7678 1177**.

Image: Dimensions of the Blue Star IA322DXU Indoor and Outdoor units. The indoor unit measures 21.5D x 111W x 33.5H Centimeters. The outdoor unit measures 36.7D x 88.9W x 58.2H Centimeters. This image also highlights the compressor and PCB warranty details.

## OPERATING INSTRUCTIONS

Your Blue Star AC comes with a remote control and smart features for convenient operation.

### Remote Control Functions

The remote control allows you to manage all functions of your AC. Point the remote control directly at the indoor unit's receiver when operating.

- **ON/OFF Button:** Powers the unit on or off.
- **MODE Button:** Cycles through operating modes: Auto, Cool, Dry, Fan, Heat (if applicable).
- **Temperature Buttons (▲/▼):** Adjusts the desired temperature.
- **FAN Speed Button:** Selects fan speed (Auto, Low, Medium, High).
- **SWING Button:** Activates or deactivates the 4-way air swing feature for uniform cooling.

- **TURBO Button:** Engages Turbo Cool mode for rapid cooling.
- **ECO Button:** Activates Eco mode for energy-efficient operation.
- **SLEEP Button:** Adjusts temperature and fan speed for comfortable sleep.
- **SELF CLEAN Button:** Initiates the self-clean function for the indoor coil.
- **5-in-1 Convertible Cooling:** Allows you to adjust the cooling capacity (100%, 80%, 60%, 40%) based on your needs, saving energy.
- **5-in-1 Turbo:** Provides 110% cooling capacity for quick temperature reduction.



Image: Diagram illustrating the 5-in-1 Convertible Cooling and 5-in-1 Turbo modes. The 5-in-1 Convertible mode allows capacity adjustment from 100% down to 40% in steps, while the 5-in-1 Turbo mode boosts cooling to 110% capacity. The remote control buttons for these features are also shown.



Image: A person comfortably relaxing on a couch, using the remote control to adjust the settings of the Blue Star AC mounted on the wall, demonstrating ease of use.

## Smart AC Features

- **In-built Wi-Fi Module:** Connect your AC to your home Wi-Fi network using the Blue Star Smart App. This allows you to control your AC remotely from anywhere using your smartphone.
- **Voice Command Technology:** Integrate your AC with Amazon Alexa or Google Assistant. Use voice commands to switch the unit on/off, set the temperature, change modes, and more.
- **DigiQ Hepta Sensor:** This advanced sensor system monitors various parameters to optimize cooling performance and energy efficiency.
- **AI Pro:** The AI Pro feature intelligently senses ambient temperature and indoor conditions to automatically optimize cooling and fan speed for enhanced comfort and efficiency.

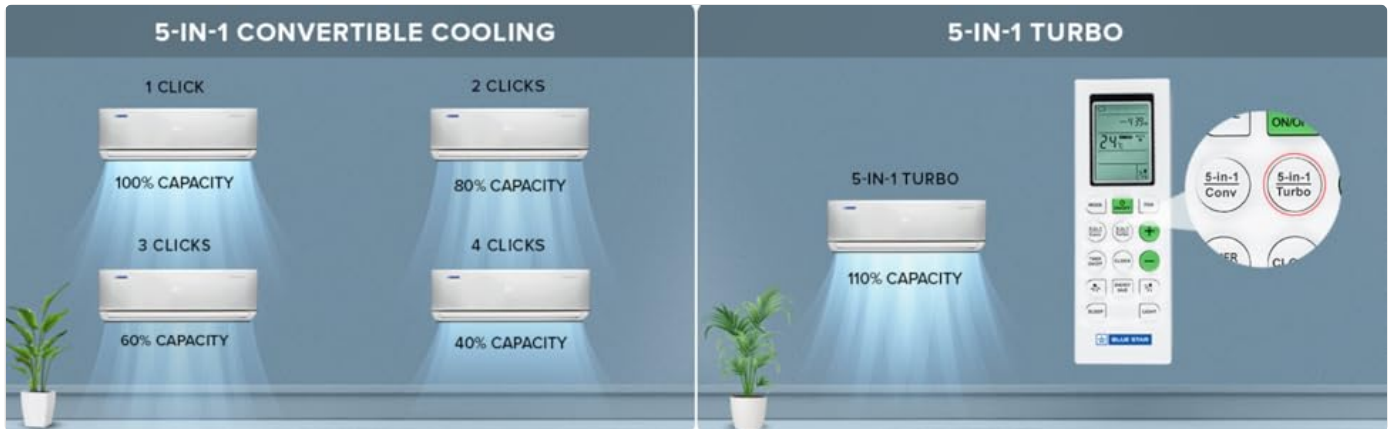


Image: A detailed illustration of the AI Pro chip, highlighting its intricate circuitry. This chip is responsible for the intelligent optimization of cooling and fan speed based on environmental conditions.



Image: A diagram showcasing the various sensors that comprise the DigiQ Hepta Sensor system. These include overload protection, PCB, ODU ambient, discharge, condenser, anti-freeze, and IDU ambient sensors, all working together for precise control and efficiency.

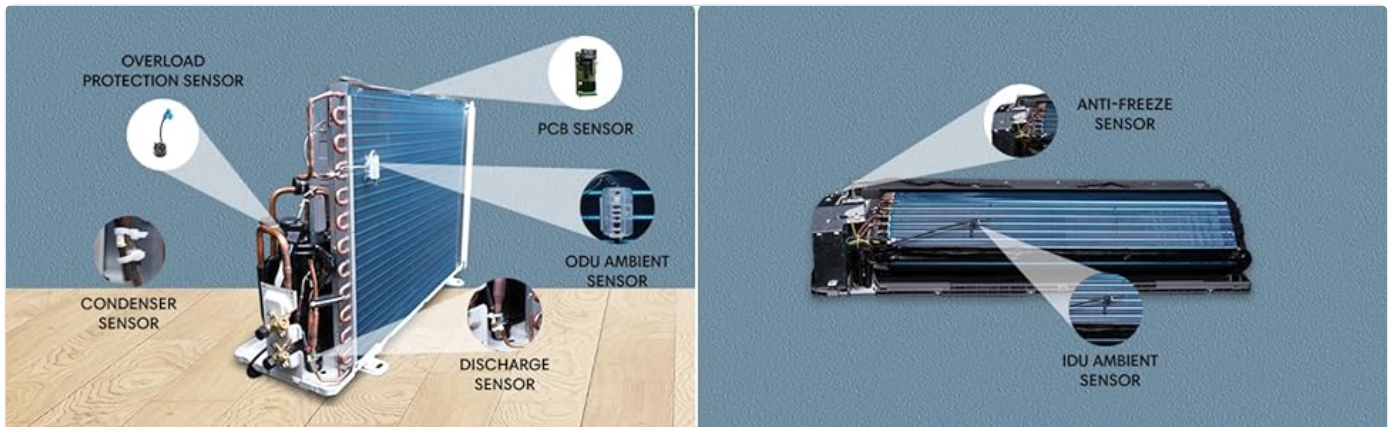


Image: The Blue Star AC installed in a living room, illustrating the wide and even distribution of cool air throughout the space.

## MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your AC unit.

### Air Filter Cleaning

- Open the front panel of the indoor unit.
- Remove the air filters.
- Clean the filters using a vacuum cleaner or wash them with lukewarm water and mild detergent.

- Allow filters to dry completely before reinserting them.
- Clean filters every two weeks or more frequently depending on usage and air quality.

## Self Clean Technology

The Self Clean function automatically cleans the indoor unit's evaporator coil, preventing the accumulation of dust, mold, and bacteria. Activate this feature periodically using the remote control.

## Anti-Corrosive Blue Fins

The indoor and outdoor coils are equipped with Anti-Corrosive Blue Fins, which protect them from corrosion and enhance durability. While these fins offer protection, periodic professional cleaning of the coils is still recommended.

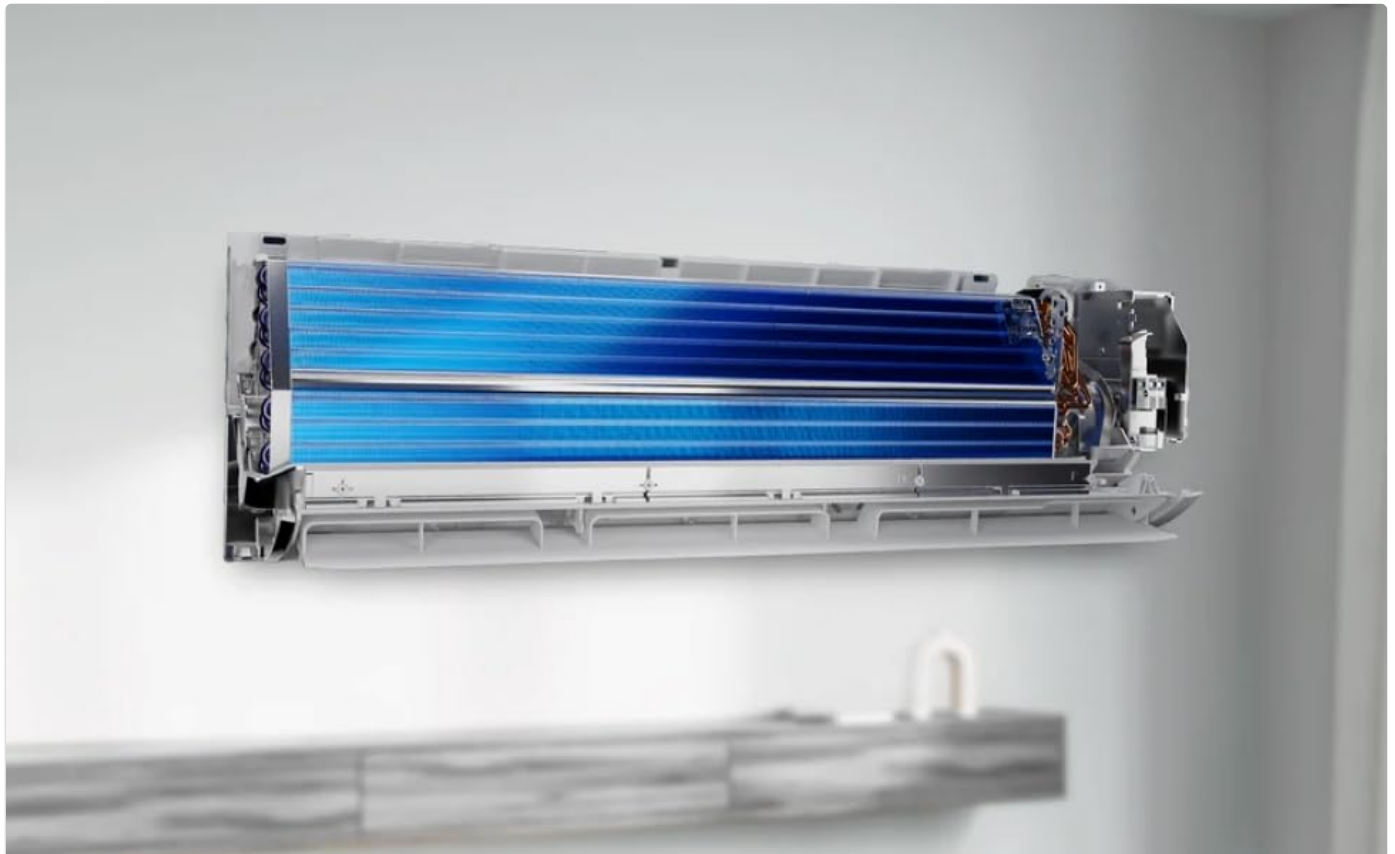


Image: An internal view of the Blue Star AC's evaporator coil, clearly showing the distinctive blue fins. These fins are treated to resist corrosion, contributing to the unit's longevity and efficient heat exchange.

## TROUBLESHOOTING

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

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 filters, blocked outdoor unit, wrong mode selected, room too large.	Clean air filters, clear obstructions from outdoor unit, select Cool mode, ensure room size is within capacity.
Unusual noise from unit.	Loose parts, foreign object, fan imbalance.	Turn off unit and inspect for loose parts or obstructions. If noise persists, contact service.

Problem	Possible Cause	Solution
Water leakage from indoor unit.	Blocked drain pipe, improper installation.	Check and clear drain pipe. If issue persists, contact service for inspection of installation.
Remote control not working.	Batteries dead, remote not pointed at receiver, interference.	Replace batteries, ensure direct line of sight to indoor unit, remove obstructions.

For issues not listed above or if troubleshooting steps do not resolve the problem, please contact Blue Star customer support.

## SPECIFICATIONS

Feature	Detail
Brand	Blue Star
Model Number	IA322DXU
Capacity	2 Tons
Energy Rating	3 Star (as per new BEE guidelines effective from 1st Jan 2026)
Annual Energy Consumption	1131.55 Units Per Year
ISEER Value	4.38
Cooling Power	6400 Watts (21838 British Thermal Units)
Refrigerant	R-32
Compressor Type	Inverter Compressor with Acoustic Insulation Jacket
Condenser Coil	100% Copper with Anti-Corrosive Blue Fins
Air Flow Volume (Wet CFM)	Turbo: 707, High: 587, Medium: 498, Low: 374
Ambient Temperature Operation	Cools up to 52 degrees Celsius
Special Features	5-in-1 Convertible Cooling, AI Pro, Comfort Sleep, DigiQ Hepta Sensor, Stabilizer-free operation, 4-Way Swing, Turbo Cool, Self Diagnosis, Dry Mode, Eco Mode, Smart AC (Wi-Fi, Voice Command)
Noise Level (Indoor Unit)	47 Decibels
Power Supply	230 Volts
Indoor Unit Dimensions (D x W x H)	21.5D x 111W x 33.5H Centimeters
Outdoor Unit Dimensions (D x W x H)	36.7D x 88.9W x 58.2H Centimeters (Inferred from image)
Item Weight	28300 Grams
Included Components	1 Unit (Indoor & Outdoor), 1 Remote, 1 Manual With Warranty Card

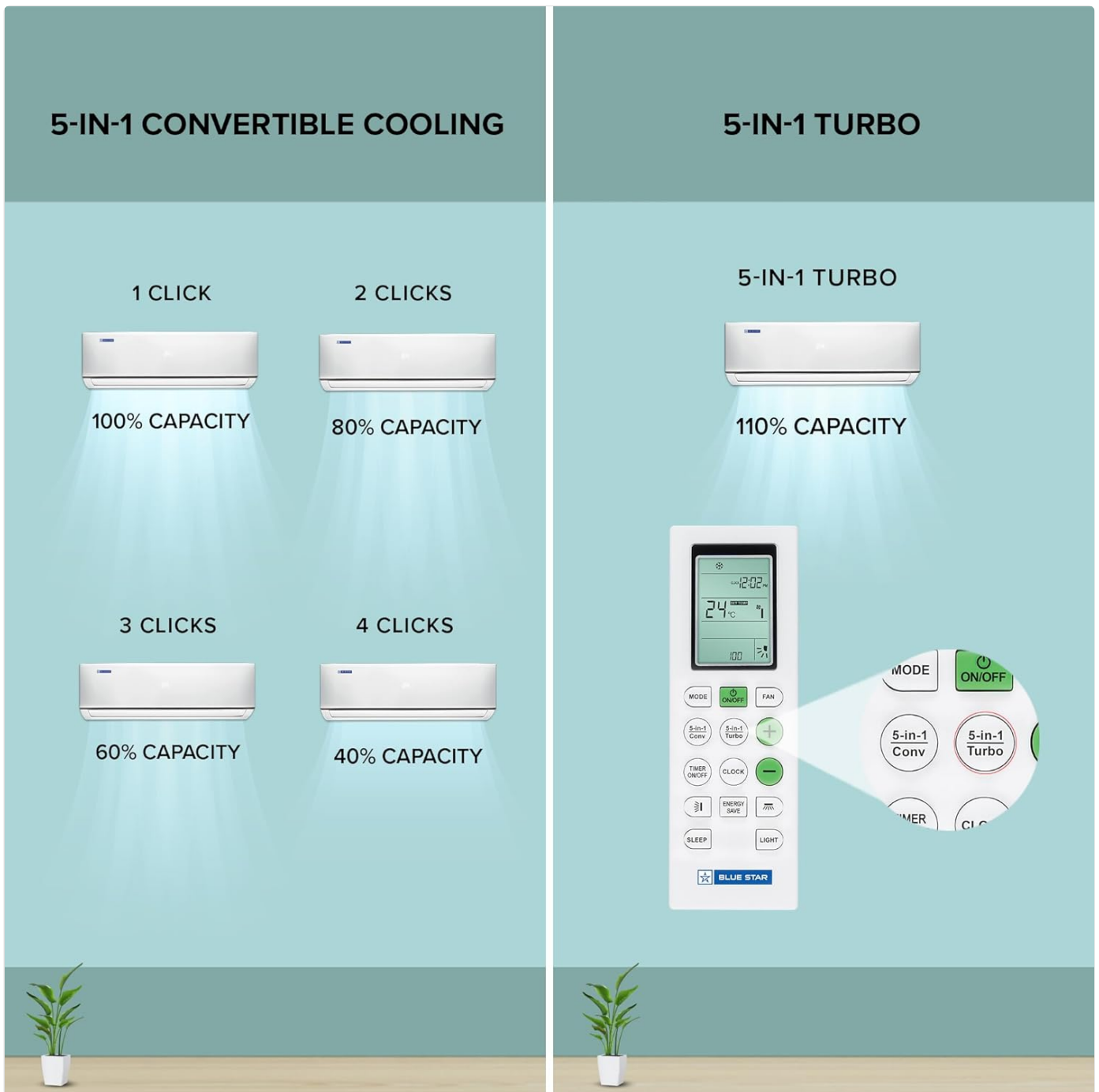


Image: An overview of the Blue Star AC's energy efficiency and key features. It displays the BEE 3-star rating, ISEER value of 4.38, R32 eco-friendly refrigerant, 100% copper condenser, and stabilizer-free operation, emphasizing energy savings.

## WARRANTY INFORMATION

Your Blue Star IA322DXU AC comes with the following manufacturer's warranty:

- **Product Warranty:** 1 Year on the entire product.
- **Inverter Compressor Warranty:** 10 Years on the Inverter Compressor.
- **PCB Warranty:** 5 Years on the PCB (Printed Circuit Board).

**Coverage Details:** The warranty covers comprehensive repairs, rectification, or replacement of components such as the Electronic PCB, Indoor Unit Evaporating Coil, and Outdoor Unit Condenser Coil. This applies to residential usage only.

**Exclusions:** The warranty excludes all types of air filters, plastic and metal parts, remote handset, and gas charging. Gas charging associated with Compressor/Evaporator/Condenser coil issues must be paid by the customer. Terms and conditions apply.

Please retain your purchase invoice and warranty card for any warranty claims.

## CUSTOMER SUPPORT

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

- **Email:** [customerservice@bluestarindia.com](mailto:customerservice@bluestarindia.com)
- **Phone:** 89 7678 1177
- **Manufacturer Address:** BLUE STAR LIMITED, KASTURI BUILDINGS, MOHAN T ADVANI CHOWK, JAMSHEDJI TATA ROAD, CHURCHGATE, MUMBAI 400 020

When contacting support, please have your model number (IA322DXU) and purchase details ready.