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› [Blue Star 1.5 Ton 5 Star Heavy Duty Inverter Split AC \(IC718DCUHD\) User Manual](#)

## Blue Star IC718DCUHD

# Blue Star 1.5 Ton 5 Star Heavy Duty Inverter Split AC (IC718DCUHD) User Manual

Model: IC718DCUHD

## 1. IMPORTANT SAFETY INSTRUCTIONS

Read all instructions carefully before installation and operation. Keep this manual for future reference. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Electrical Safety:** Ensure the power supply matches the unit's requirements. Do not use damaged power cords or plugs. Always ground the unit properly.
- **Installation:** Installation must be performed by qualified personnel in accordance with local and national electrical codes. Do not attempt self-installation.
- **Operation:** Do not insert fingers or objects into the air inlet/outlet. Do not operate the AC with wet hands.
- **Maintenance:** Disconnect power before cleaning or servicing. Use only recommended cleaning agents.
- **Children and Vulnerable Persons:** This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.

## 2. PRODUCT OVERVIEW

The Blue Star 1.5 Ton 5 Star Heavy Duty Inverter Split AC (IC718DCUHD) is designed for efficient cooling in medium-sized rooms. It features advanced technologies for enhanced comfort and energy savings.

### 2.1 Components Included

- 1 Indoor Unit
- 1 Outdoor Unit
- 3m Copper Wire
- 3.5m Inter Connecting Pipe

- 1 Remote Control
- User Manual (this document)
- Warranty Card

## 2.2 Key Features

- **Super Energy Efficient:** 5 Star rating with 5.41 ISEER for reduced electricity consumption.
- **AI Pro:** Intelligently adjusts cooling and fan speed based on ambient and room temperatures.
- **6-in-1 Convertible Cooling:** Operates at six different capacities for customized comfort and optimized power usage.
- **PM2.5 Filter with Activated Carbon:** Filters dust, particulate matter, and removes odors.
- **Nano BluProtect Technology:** Special coating on copper tubes for enhanced corrosion protection and durability.
- **iFeel:** Remote control with an in-built sensor to ensure desired comfort around the user.
- **DigiQ Octa Sensors:** Eight intelligent digital sensors for precise cooling and component protection.
- **Smart AC with Voice Command:** Wi-Fi module for remote operation via app and voice control with Amazon Alexa or Google Assistant.
- **Powerful Air Throw:** 43-inch wide Indoor Unit (IDU) provides air throw up to 50 feet.

## 2.3 Product Images



Image 1: Blue Star 1.5 Ton 5 Star Heavy Duty Inverter Split AC Indoor Unit. This image shows the front view of the indoor unit with 'Blue Star' and 'Inverter' branding.



Image 2: Overview of key features including Inverter Compressor, 56°C ambient cooling, 100% Copper, R32 refrigerant, suitable room size, 6-in-1 convertible with 4-way swing, dust filter, annual consumption, and stabilizer-free operation.



Image 3: Details on the Power Savings Guide (ISEER 5.41), 5-star energy rating, stabilizer-free operation, 100% copper components, energy saver function, and R32 eco-friendly refrigerant.



Image 4: Illustration of smart features including Voice Command Technology, Smart AC with Smart App, Customised Sleep, Smart Scheduler, Smart Service, and 4-Way Swing. A smartphone and smart speaker are shown interacting with the AC.

### 3. SETUP AND INSTALLATION

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Professional installation is highly recommended for optimal performance and safety. Refer to the installation charges and inclusions/exclusions below. Ensure the installation site meets the necessary requirements for power, drainage, and space.

#### 3.1 Installation Charges and Inclusions/Exclusions

## Split Air Conditioner Service Charges (Indicative)

Service	Charges (₹)*
Standard installation charge	999
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

\*GST will be additional as applicable.

### Inclusion:

- 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.

### Exclusion:

- 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.

# SPLIT AIR CONDITIONERS

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Standard installation charge	999
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Image 5: Detailed table outlining standard and additional charges for Blue Star Split AC installation services.

## 3.2 Dimensions and Weight



Image 6: Diagram showing the dimensions of the indoor unit (111 x 21.5 x 33.5 cm WxDxH) and outdoor unit (96.8 x 36.7 x 68.9 cm WxDxH), along with the remote control.

- **Indoor Unit (IDU):** 111 x 21.5 x 33.5 cm (WxDxH), Weight: 15 Kg
- **Outdoor Unit (ODU):** 96.8 x 36.7 x 68.9 cm (WxDxH), Weight: 35.7 Kg

## 4. OPERATING INSTRUCTIONS

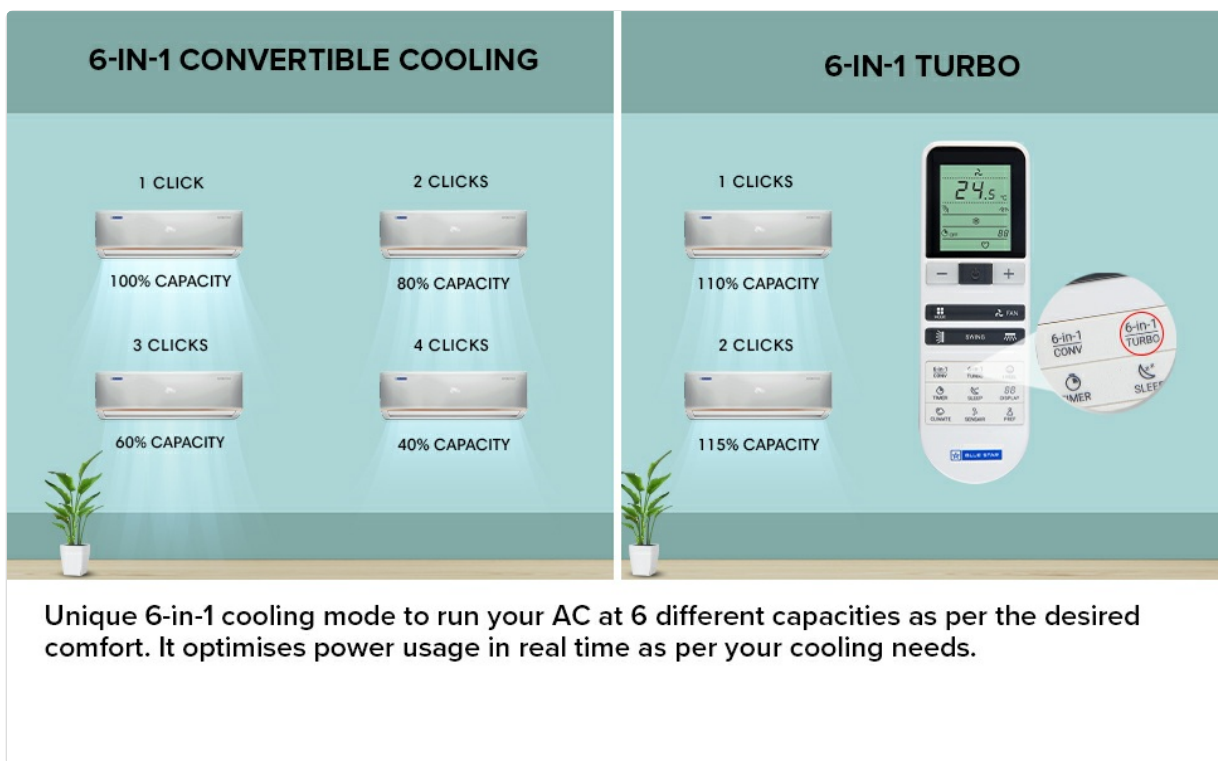
Your Blue Star AC offers various modes and smart features for personalized comfort. Use the remote control or the Blue Star Smart App to manage settings.

### 4.1 Remote Control Functions

The remote control allows you to adjust temperature, fan speed, mode, and access special features. Point the remote directly at the indoor unit's receiver.

- **Power Button:** Turns the AC On/Off.
- **Temperature Adjustment:** Use '+' and '-' buttons to set desired temperature.
- **Mode Button:** Cycles through cooling, fan, dry, and auto modes.
- **Fan Speed:** Adjusts the fan speed (Auto, Low, Medium, High).

- **Swing Button:** Controls the horizontal and vertical louvers for air direction.
- **6-in-1 Convertible Cooling:** Press the '6-in-1 CONV' button to cycle through different capacity modes (e.g., 100%, 80%, 60%, 40%, 110%, 115%).
- **iFeel:** Activates the sensor in the remote to measure ambient temperature around you for precise cooling.
- **Sleep Mode:** Optimizes temperature and fan speed for comfortable sleep.



Unique 6-in-1 cooling mode to run your AC at 6 different capacities as per the desired comfort. It optimises power usage in real time as per your cooling needs.

Image 7: Explanation of the 6-in-1 Convertible Cooling feature, showing how different clicks on the remote adjust the AC's capacity from 40% to 115% for optimized power usage.

## 4.2 Smart AC Features (Wi-Fi & Voice Control)

The integrated Wi-Fi module allows you to control your AC remotely using the Blue Star Smart App or voice commands.

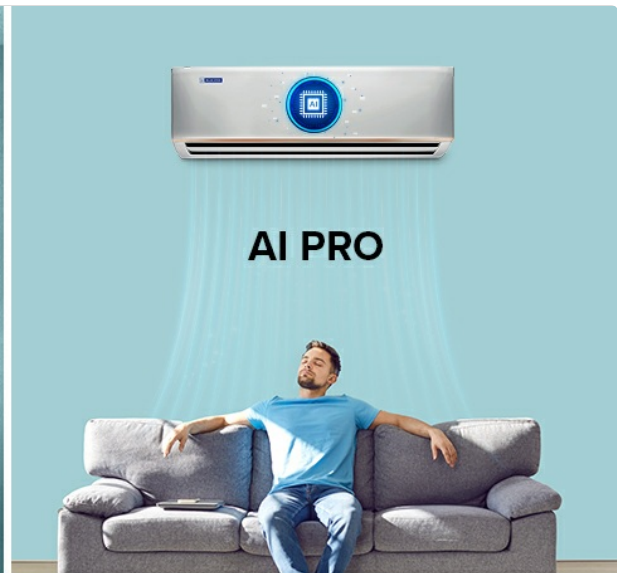
- **App Control:** Download the Blue Star Smart App to your smartphone. Follow the in-app instructions to connect your AC to your home Wi-Fi network. This enables remote control, scheduling, and monitoring.
- **Voice Command:** Link your Blue Star AC with Amazon Alexa or Google Assistant. Use voice commands to turn the AC on/off, adjust temperature, and change modes.

## 4.3 AI Pro and iFeel Technology

- **AI Pro:** This feature senses both outdoor ambient temperature and indoor room conditions. It then intelligently optimizes cooling and fan speed for consistent comfort.
- **iFeel:** The remote control contains a temperature sensor. When activated, the AC adjusts its operation based on the temperature detected at the remote's location, providing localized comfort.

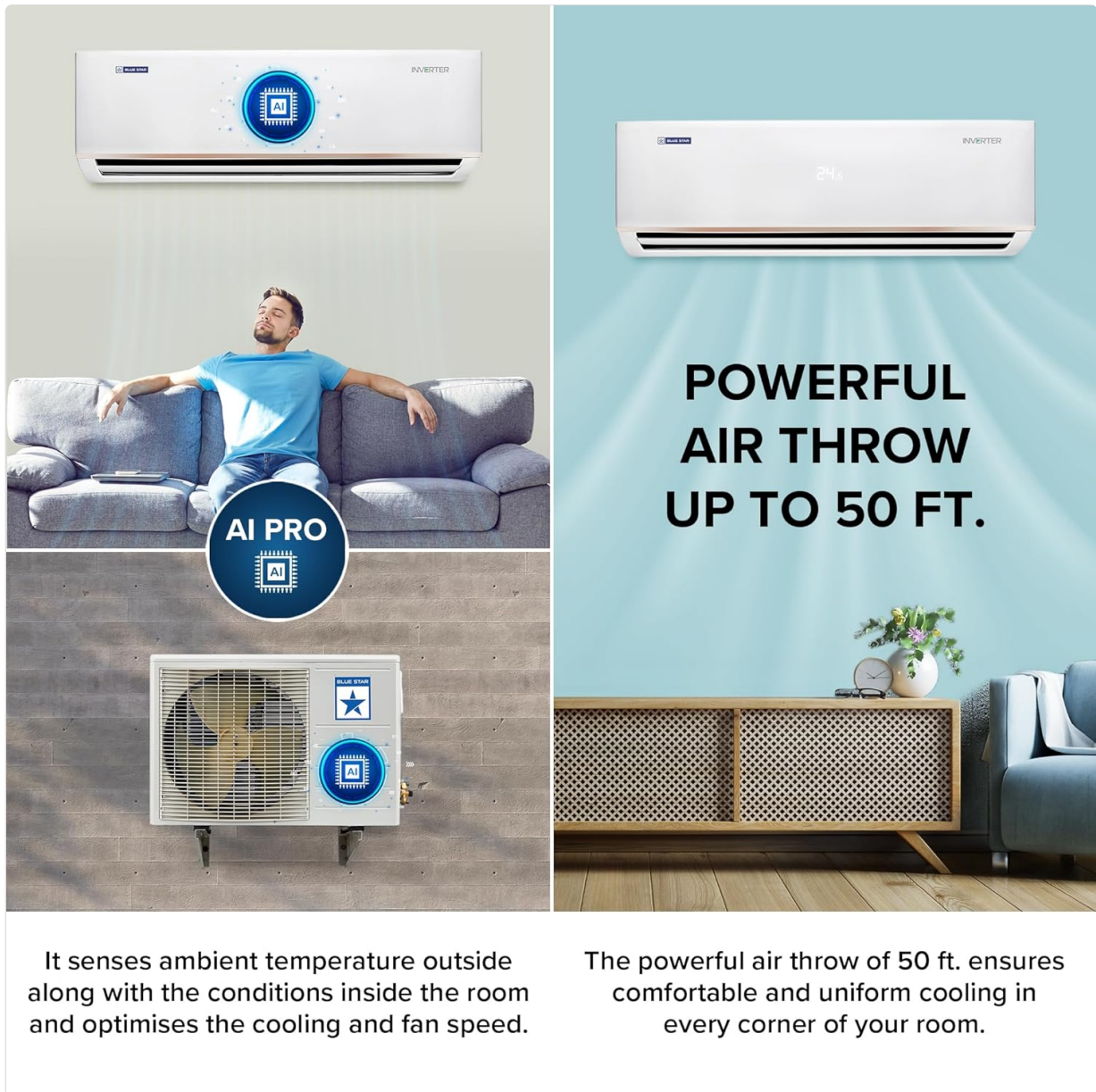


**This AC comes with a 43 inch large IDU which ensures maximum cooling under extreme ambient conditions.**



**It senses the ambient temperature outside and the conditions inside the room. It then intelligently adjusts and optimises the cooling and the fan speed to ensure maximum comfort.**

Image 8: Illustration of the AI Pro feature, showing the AC sensing ambient temperature outside and conditions inside the room to optimize cooling and fan speed.



It senses ambient temperature outside along with the conditions inside the room and optimises the cooling and fan speed.

The powerful air throw of 50 ft. ensures comfortable and uniform cooling in every corner of your room.

Image 9: Visual representation of the AI Pro feature and the powerful air throw of up to 50 feet, ensuring uniform cooling across the room.

## 5. MAINTENANCE

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

### 5.1 Filter Cleaning

Your AC is equipped with a PM2.5 Filter with Activated Carbon and a high-density dust filter. These filters capture dust and remove odors.

- **Frequency:** Clean filters every two weeks or more frequently depending on usage and air quality.
- **Procedure:** Open the indoor unit's front panel. Remove the filters. Gently clean them with a vacuum cleaner or wash with lukewarm water and mild detergent. Allow them to dry completely before reinserting.

### 5.2 Coil Maintenance (Nano BluProtect Technology)

The indoor and outdoor unit coils feature Nano BluProtect Technology, a special coating that protects

against corrosion and leakage from dirt, salty air, and industrial pollution.

- While this technology enhances durability, periodic professional cleaning of the coils is still recommended to maintain optimal heat exchange efficiency.



Image 10: Visual explanation of Nano BluProtect Technology, showing the special coating on copper tubes for protection against corrosion, and the 4-Way Swing feature for uniform air distribution.

### 5.3 Outdoor Unit Cleaning

- Keep the area around the outdoor unit clear of obstructions.
- Periodically clean the outdoor unit's coils and fan blades to remove dust, leaves, and debris. This should ideally be done by a qualified technician.

## 6. TROUBLESHOOTING

Before contacting customer service, refer to the following common issues and solutions. Your AC also features a Self Diagnosis function to help identify problems.

### 6.1 Common Issues and Solutions

- **AC does not turn on:**  
Check if the power cord is securely plugged in. Check the circuit breaker or fuse. Ensure the remote control batteries are not depleted.
- **Insufficient Cooling:**  
Verify the temperature setting is appropriate. Clean the air filters. Ensure no obstructions are blocking the indoor or outdoor units. Check if doors and windows are closed.
- **Unusual Noises:**  
Minor noises during operation are normal. If loud or unusual noises occur, check for loose parts or contact service.
- **Water Leakage (Indoor Unit):**  
Check if the drain hose is clogged or improperly installed. Ensure the indoor unit is level.

- **Remote Control Not Working:**

Replace batteries. Ensure there are no obstructions between the remote and the indoor unit.

## **6.2 Self Diagnosis**

The AC is equipped with a Self Diagnosis feature. If an error occurs, an error code may be displayed on the indoor unit or the remote control. Refer to the specific error code table in the full user manual (available on the Blue Star website) for detailed explanations and troubleshooting steps.

## **7. SPECIFICATIONS**

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Detailed technical specifications for the Blue Star 1.5 Ton 5 Star Heavy Duty Inverter Split AC (IC718DCUHD).

Specification	Detail
Brand	Blue Star
Model	IC718DCUHD
Capacity	1.5 Tons
Energy Efficiency	5 Star (Highly Efficient)
Annual Energy Consumption	754.85 Kilowatt Hours Per Year
ISEER Value	5.41
Cooling Power	5275 Watts
Noise Level (Indoor)	51.4 Decibels (High/Medium/Low: 51/48/43/39 dB(a))
Installation Type	Split System
Special Features	Dust Filter, Convertible 6-in-1 Cooling, Multi Sensors, Self Diagnosis, WiFi, AI Pro, iFeel, Nano BluProtect Technology
Colour	White
Voltage	230 Volts
Indoor Unit Dimensions (WxDxH)	111 x 21.5 x 33.5 Centimeters
Outdoor Unit Dimensions (WxDxH)	96.8 x 36.7 x 68.9 Centimeters
Indoor Unit Weight	15 kg
Outdoor Unit Weight	35.7 kg
Refrigerant	R32 (Eco-friendly)
Manufacturer	BLUE STAR LIMITED
Date First Available	2 April 2024

## 8. WARRANTY AND SUPPORT

Blue Star provides comprehensive warranty coverage for your AC unit. Please retain your purchase invoice for warranty claims.

### 8.1 Manufacturer Warranty

- **Product Warranty:** 1 Year on the entire product.
- **Compressor Warranty:** 10 Years on the Inverter Compressor.

**Terms & Conditions Apply (\*):** Warranty covers repairs, rectification, or replacement of components like Electronic PCB, IDU Evaporating Coil & ODU Condenser Coil. Excludes air filters, plastic and metal parts, remote handset & gas charging.

Gas charging associated with Compressor/Evaporator/Condenser coil to be paid by customer. This applies to residential usage only.



Image 11: Visual representation of the warranty details, indicating Lifetime Compressor Warranty and 5 Year PCB Warranty (T&C Apply).

## 8.2 Customer Support

For service requests, technical assistance, or warranty claims, please contact Blue Star customer service:

- **Email:** [customerservice@bluestarindia.com](mailto:customerservice@bluestarindia.com)
- **Phone:** 89 7678 1177
- **Online:** Visit the official Blue Star website for more resources and to locate authorized service centers.