

Blue Star BS-5CNHW18PAFU-SMRT

Blue Star BS-5CNHW18PAFU-SMRT Split AC User Manual

Model: BS-5CNHW18PAFU-SMRT | Brand: Blue Star

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your Blue Star BS-5CNHW18PAFU-SMRT Split Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Blue Star BS-5CNHW18PAFU-SMRT is a 1.5 Ton split AC unit designed for optimal cooling performance, featuring advanced technologies like iFeel for personalized comfort and a copper condenser for enhanced durability.

IMPORTANT SAFETY INFORMATION

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Ensure the power supply matches the rating label.
- Do not operate the AC with wet hands.
- Do not insert fingers or objects into the air inlet/outlet.
- Keep flammable materials away from the unit.
- Always disconnect power before cleaning or servicing.
- Installation and repairs should only be performed by qualified personnel.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Indoor Unit
- 1 x Outdoor Unit

- 1 x Inter Connecting Pipe
- 1 x Remote Control with Batteries
- 1 x User Manual (this document)

PRODUCT OVERVIEW

The Blue Star BS-5CNHW18PAFU-SMRT Split AC consists of an indoor unit and an outdoor unit. Key features include:

- **iFeel Technology:** Ensures desired comfort around you by sensing the temperature at the remote control's location.
- **Copper Condenser with Anti-Corrosive Blue Fins:** Resists corrosion, extending the AC's lifespan.
- **Self-Diagnosis:** Displays error codes for quick identification and resolution of faulty conditions.
- **Metal Enclosure for PCB Board:** Protects the PCB board from overheating and external damage.
- **Anti Bacterial Filter:** Helps maintain cleaner air quality.
- **Comfort Sleep Mode:** Adjusts temperature for optimal sleep conditions.
- **Blow Clean Function:** Helps prevent mold and odors by drying the indoor unit's coil.



Image 1: Blue Star BS-5CNHW18PAFU-SMRT Split AC Indoor Unit. This image displays the white indoor unit of the Blue Star split air conditioner, featuring the Blue Star logo on the left and a digital temperature display showing '24' in the center.

SETUP AND INSTALLATION

Installation of the Blue Star BS-5CNHW18PAFU-SMRT Split AC requires specialized tools and knowledge. It is strongly recommended that installation be performed by a certified technician to ensure proper functioning and safety.

Pre-Installation Checks:

- Ensure the installation location is structurally sound to support the weight of both indoor and outdoor units.
- Verify adequate space for air circulation around both units.
- Confirm availability of a dedicated power outlet with appropriate voltage and grounding.

General Installation Steps (for qualified technicians):

1. Mount the indoor unit securely on the wall, ensuring proper drainage.
2. Install the outdoor unit on a stable, level surface, away from direct sunlight or obstructions.
3. Connect the refrigerant pipes and electrical wiring between the indoor and outdoor units.
4. Perform vacuuming and refrigerant charging as per manufacturer specifications.
5. Test the unit for leaks and proper operation.

Note: Improper installation can lead to electric shock, fire, water leakage, or other damage.

OPERATING INSTRUCTIONS

Your Blue Star AC is controlled via the provided remote control. Ensure batteries are correctly inserted.

Remote Control Functions:

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through operating modes (Cool, Dry, Fan, Auto, Heat - if applicable).
- **Temperature Up/Down Buttons:** Adjusts the desired temperature.
- **Fan Speed Button:** Selects fan speed (Low, Medium, High, Auto).
- **Swing Button:** Controls the vertical louver movement.
- **iFeel Button:** Activates the iFeel function, sensing temperature at the remote's location for precise comfort.
- **Sleep Button:** Engages Comfort Sleep mode.
- **Timer Button:** Sets ON/OFF timers.

Operating Modes:

- **Cool Mode:** Provides cooling. Set desired temperature.
- **Dry Mode:** Reduces humidity in the room.
- **Fan Mode:** Circulates air without cooling.
- **Auto Mode:** Automatically selects operating mode based on room temperature.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your AC unit. Always disconnect power before performing any maintenance.

Air Filter Cleaning:

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean filters with a vacuum cleaner or wash them with lukewarm water.
4. Allow filters to dry completely before reinserting.
5. Clean filters every two weeks or more frequently if used in dusty environments.

Indoor Unit Surface Cleaning:

- Wipe the indoor unit with a soft, dry cloth.
- For stubborn dirt, use a damp cloth with a mild detergent, then wipe dry.
- Do not use harsh chemicals, abrasives, or solvents.

Outdoor Unit Maintenance:

- Keep the area around the outdoor unit clear of obstructions, leaves, and debris.
- Periodically check the outdoor unit's coils for dirt and clean them gently with a soft brush or water spray (ensure power is off).
- Annual professional servicing is recommended to check refrigerant levels, electrical connections, and overall system health.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not start	No power; Remote control batteries dead; Circuit breaker tripped.	Check power connection; Replace batteries; Reset circuit breaker.
Insufficient cooling	Dirty air filters; Blocked outdoor unit; Doors/windows open; Temperature setting too high.	Clean air filters; Clear obstructions; Close doors/windows; Lower temperature setting.
Unusual noise	Loose parts; Obstruction in fan; Unit not level.	Check for loose parts; Remove obstruction; Ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit	Clogged drain pipe; Improper installation.	Clear drain pipe; Contact a qualified technician for inspection.
Error code displayed	Internal malfunction detected by self-diagnosis system.	Note the error code and refer to the service manual or contact customer support with the code.

SPECIFICATIONS

Feature	Detail
Brand	Blue Star
Model	BS-5CNHW18PAFU-SMRT
Capacity	1.5 Tons
Energy Efficiency	4.75 Star Rating (2017) / BEE 4 Star Rating
Cooling Power	5150 Watts
Noise Level (Indoor)	43 Decibels
Installation Type	Split System
Special Features	Anti Bacterial Filter, iFeel Technology, Self Diagnosis, Copper Condenser, Comfort Sleep, Blow Clean
Colour	White
Control Console	Remote Control

Feature	Detail
Voltage	230 Volts
Material	Metal
Item Weight	60 kg
Item Dimensions (LxWxH)	84.5 x 28.9 x 20.9 Centimeters

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact Blue Star customer service. Keep your purchase receipt as proof of purchase.

For technical assistance, service requests, or to report issues, please contact Blue Star customer support. Contact details can typically be found on the manufacturer's official website or in the product packaging.

Note: *Unauthorized repairs or modifications may void your warranty.*