

Blue Star 5HW18SA1

Blue Star 5HW18SA1 1.5 Ton Split AC User Manual

Model: 5HW18SA1

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Blue Star 5HW18SA1 1.5 Ton Split Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

Package Contents

Verify that all components are present in the package:

- 1 Indoor Unit
- 1 Outdoor Unit
- Interconnecting Pipe
- 1 Remote Control with Batteries
- 1 User Manual (this document)



Figure 1: Front view of the Blue Star 5HW18SA1 indoor unit.

2. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of electric shock, fire, or injury.

- **Professional Installation:** Installation, maintenance, and repair must be performed by qualified service personnel. Improper installation can lead to water leakage, electric shock, or fire.
- **Power Supply:** Ensure the power supply matches the specifications of the unit. Do not use damaged power cords or plugs.
- **Ventilation:** Do not block the air intake or outlet of the unit.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use water or liquid detergents directly on the unit.
- **Children:** Keep children away from the unit and remote control.
- **Refrigerant:** The unit contains R-32 refrigerant. Handle with care and ensure proper ventilation during servicing.

3. SETUP AND INSTALLATION

The Blue Star 5HW18SA1 is a split-system air conditioner requiring both an indoor and an outdoor unit. Professional installation is highly recommended to ensure optimal performance and safety.

Unit Dimensions

Consider the following dimensions for proper placement and installation of the indoor unit:



Figure 2: Dimensions of the Blue Star 5HW18SA1 indoor unit. Width: 30.5 inches, Height: 16.1 inches, Depth: 11.8 inches.

Installation Guidelines (Summary)

- Select a location for the indoor unit that allows for even air distribution and easy access for maintenance.
- Ensure the outdoor unit is placed in a well-ventilated area, away from direct sunlight or obstructions.
- Proper drainage for condensate water must be established for both units.
- Electrical connections must comply with local regulations and be handled by a certified electrician.

4. OPERATING INSTRUCTIONS

Your Blue Star 5HW18SA1 AC is designed for user-friendly operation via the remote control.

Remote Control Functions

The remote control features an LCD with backlighting and night glow buttons for ease of use in low light conditions.

- **Mode Selection:** Choose from various operating modes such as Auto, Dry, and Sleep mode. Turbo operation is available for rapid cooling.
- **Fan Speed:** Adjust the fan speed to your preference.
- **Swing Function:** Control the wide-angle airflow with fixed and swing louvres for optimal air distribution.
- **iFeel Function:** The remote control incorporates a sensor that detects the ambient temperature at its location and transmits this data to the indoor unit, allowing the AC to adjust its operation for enhanced comfort in your immediate vicinity.
- **Auto Restart:** In the event of a power outage, the unit will automatically resume operation with the previous settings once power is restored.

Energy Efficiency Information

POWER SAVINGS GUIDE

MORE STARS MORE SAVINGS

ENERGY EFFICIENCY
3.51*
EER (W/W)

Label Period : 1st Jan 2014 - 31 st Dec 2015

| | |
|---------------------------|--------------------|
| Appliance/Type | : RAC / Split Type |
| Brand | : BLUE STAR |
| Model/Year | : 5HW18SA1/2015 |
| Cooling Capacity (W) | : 5260 |
| Power Consumption (W) | : 1500 |
| Variable Speed Compressor | : No |
| Heat Pump | : No |

ENERGY IS LIFE
BEE
CONSERVE IT
SPECIALLY DESIGNED FOR INDIA

*Under test conditions, when tested in accordance with IS 1391. Actual electricity consumption will depend on how the appliance being used.

BLUE STAR AIR CONDITIONER INDOOR UNIT

| | | | |
|-------------------|----------|--------------------------------|---------|
| Model | 5HW18SA1 | | |
| Rated Voltage | 230V | Cooling Capacity | 5260W |
| Rated Frequency | 50Hz | | |
| Phase | 1 | Input Power | 1500W |
| Weight | 14 kg | EER | 3.51 |
| Refrigerant | R22 | | |
| Refri Charge Qty | 0.79 kg | Noise Level (@ High fan speed) | 46dB(A) |
| Manufactured Date | 07/2015 | | |

CUSTOMER CARE CALL DESK NUMBER 1800 209 1177

CE

57467 5HW18SA1

3B58250021588

5HW18SA115A11204

Figure 3: Energy efficiency label and indoor unit specifications for model 5HW18SA1. Includes details like rated voltage, frequency, cooling capacity, power input, weight, and noise level.

5. MAINTENANCE

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

- **Filter Cleaning:** The unit is equipped with advanced filtration including Active Carbon, Catechin,

Silver Ion, Anti Bacterial, Vitamin C, Anti Acarein, and Dust filters. Clean these filters regularly according to the instructions in the full manual to maintain air quality and cooling efficiency.

- **Cleanable Panel:** The front panel of the indoor unit is designed to be easily cleaned.
- **Self-Diagnosis:** The AC features a self-diagnosis function. If a problem occurs, the system will identify the issue and display an error message, aiding in quick servicing.
- **Anti-Freeze Thermostat:** This feature prevents the formation of frost within the unit, contributing to its durability.
- **Outdoor Unit:** Keep the outdoor unit free from obstructions and debris. Periodically check for any accumulation of dirt on the coils.

6. TROUBLESHOOTING

Before contacting customer support, review the following common issues and their potential solutions.

| Problem | Possible Cause | Solution |
|----------------------|--|---|
| Unit does not start | No power supply; Remote control batteries depleted; Timer function active. | Check power connection; Replace batteries; Cancel timer setting. |
| Insufficient cooling | Dirty air filters; Blocked air intake/outlet; Room temperature too high; Doors/windows open. | Clean air filters; Clear obstructions; Adjust temperature; Close doors/windows. |
| Unusual noise | Loose parts; Unit not level; Foreign object in fan. | Contact service personnel. |
| Water leakage | Blocked drain hose; Improper installation. | Clear drain hose; Contact service personnel for inspection. |
| Error code displayed | System malfunction detected by Self-Diagnosis. | Note the error code and contact customer support. |

7. SPECIFICATIONS

Key technical specifications for the Blue Star 5HW18SA1 Split AC:

| Feature | Specification |
|----------------------|--|
| Model Number | 5HW18SA1 |
| Capacity | 1.5 Tons |
| Cooling Power | 5260 Watts |
| BEE Star Rating | 3 Star (2018) |
| Refrigerant | R-32 |
| Compressor Type | Rotary |
| Noise Level (Indoor) | 46 Decibels |
| Special Features | Anti Bacterial Filter, iFeel, Auto Restart, Hydrophilic Blue Fins evaporator |

| Feature | Specification |
|----------------|-----------------------------------|
| Control Method | Remote Control (LCD with backlit) |
| Core Material | Aluminium |
| Item Weight | 139.55 Pounds (approx. 63.3 kg) |

8. WARRANTY AND SUPPORT

Warranty Information

- **Product Warranty:** 1 year on the complete product.
- **Compressor Warranty:** 5 years on the compressor.

Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects under normal use conditions.

Customer Support

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

Customer Care Call Number: 1800 209 1177

When contacting support, please provide your model number (5HW18SA1) and the serial number of your unit for faster service.