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> Blue Star 3HW12VC1 Split AC User Manual

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Blue Star 3HW12VC1 Split AC User Manual

Model: 3HW12VC1 | Brand: Blue Star

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of your Blue Star 3HW12VC1 Split AC. Please read this manual thoroughly before using the appliance and retain it for future reference.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury. This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Ensure the power supply matches the specifications listed on the unit.
- Do not operate the AC with wet hands.
- Do not insert objects into the air outlet or inlet.
- Keep the area around the outdoor unit clear of obstructions.
- For installation and major repairs, always contact qualified service personnel.

PRODUCT OVERVIEW

The Blue Star 3HW12VC1 is a 1 Ton, 1 Star rated non-inverter split air conditioner designed for efficient cooling. It features multiple air purification filters and various operating modes for enhanced comfort.

Components Included

Upon unpacking, verify that all the following components are present:

- 1 Indoor Unit
- 1 Outdoor Unit

- Inter Connecting Pipe
- 1 Remote with batteries
- 1 User Manual (this document)

Key Features

- **Type:** Non Inverter Split AC
- **Capacity:** 1 Ton
- **Energy Rating:** 1 Star
- **Filters:** Anti-bacterial filter, Catechin filter, Active Carbon filter, Dust filter
- **Operating Modes:** Turbo operation, Dry mode, Sleep mode, Auto mode
- **Refrigerant:** R22
- **Core Material:** Copper

Product Image



Image: Blue Star 3HW12VC1 Split AC Indoor Unit. This image shows the white indoor unit of the air conditioner, typically mounted on a wall.

SETUP AND INSTALLATION

Installation of a split air conditioner requires specialized tools and expertise. It is strongly recommended that you arrange for professional installation by a qualified technician to ensure proper functioning and safety, and to maintain warranty validity.

Pre-Installation Checks

- Ensure the installation site for both indoor and outdoor units is suitable and meets clearance requirements.
- Verify that the electrical wiring and power outlet are compatible with the AC's power requirements (230 Volts, 1110 Watts).
- Confirm that the inter-connecting pipe length is adequate for the chosen installation locations.

Initial Power-Up

After professional installation is complete, ensure all connections are secure and the power supply is stable. Turn on the main power switch for the AC unit. The unit should perform an initial self-check. Refer to the operating section for first-time use.

OPERATING INSTRUCTIONS

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

Remote Control Functions

The remote control allows you to adjust various settings. Common buttons include:

- **POWER:** Turns the unit ON or OFF.
- **MODE:** Cycles through operating modes (Cool, Dry, Fan, Auto, Heat - if applicable).
- **TEMP ▲/▼:** Adjusts the desired temperature.
- **FAN SPEED:** Adjusts the fan speed (Low, Medium, High, Auto).
- **SWING:** Controls the louver movement for air direction.
- **TIMER:** Sets the ON/OFF timer.

Operating Modes

- **Cool Mode:** Provides cooling. Set desired temperature using TEMP buttons.
- **Dry Mode:** Reduces humidity in the room. The fan speed is automatically controlled.
- **Sleep Mode:** Optimizes temperature and fan speed for comfortable sleep, often gradually increasing temperature over time.
- **Auto Mode:** The AC automatically selects the appropriate operating mode (Cool, Fan, Dry) based on the room temperature.
- **Turbo Operation:** Activates maximum cooling power for rapid temperature reduction.

Setting Temperature

In Cool mode, use the TEMP ▲ or ▼ buttons on the remote control to set your desired room temperature. The recommended comfortable temperature range is typically between 22°C and 26°C.

MAINTENANCE

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

Air Filter Cleaning

The Blue Star 3HW12VC1 features multiple filters (Anti-bacterial, Catechin, Active Carbon, Dust filter) that require regular cleaning.

1. Open the front panel of the indoor unit.
2. Carefully remove the air filters.
3. Clean the dust filter with a vacuum cleaner or wash it with lukewarm water and mild detergent. Rinse thoroughly and allow to air dry completely before reinstallation.
4. For the specialized filters (Anti-bacterial, Catechin, Active Carbon), follow specific cleaning instructions provided in the full manual or consult a service technician. These may not be washable and might require replacement.
5. Reinstall the dry filters and close the front panel.

Frequency: Clean dust filters every 2-4 weeks, or more frequently if the unit is used heavily or in dusty environments.

General Cleaning

- Wipe the indoor unit's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the outdoor unit's coils are free from debris, leaves, and other obstructions. This can be done by gently brushing them or using a low-pressure water spray.

Seasonal Maintenance

Before the cooling season, it is advisable to have a professional technician inspect the refrigerant levels, electrical connections, and overall system performance.

TROUBLESHOOTING

Before contacting service, review the following common issues and their solutions.

Problem	Possible Cause	Solution
AC does not turn ON.	No power supply; remote control batteries dead; main power switch OFF.	Check power connection; replace remote batteries; turn ON main power switch.
Insufficient cooling.	Dirty air filters; blocked outdoor unit; doors/windows open; temperature setting too high.	Clean air filters; clear obstructions from outdoor unit; close doors/windows; lower temperature setting.
Unusual noise.	Loose parts; foreign objects in fan; unit not level.	Turn off unit and inspect for loose parts or objects. If noise persists, contact service.
Water leakage from indoor unit.	Blocked drain pipe; improper installation.	Check and clear drain pipe. If issue persists, contact professional service.

If the problem persists after attempting these solutions, or if you encounter an issue not listed here, please contact authorized Blue Star service personnel.

SPECIFICATIONS

Detailed technical specifications for the Blue Star 3HW12VC1 Split AC.

Feature	Detail
Brand	Blue Star
Model Name	3HW12VC1
Capacity	1 Ton
Energy Rating	1 Star
Cooling Power	5030 Watts
Wattage	1110 Watts

Feature	Detail
Voltage	230 Volts
Refrigerant	R22
Inverter Type	No Inverter
Installation Type	Split System
Core Material	Copper
Noise Level	43 Decibels
Special Features	Anti Bacterial Filter
Controller Type	Remote Control
Item Weight	10000 Grams
Floor Area Coverage	110 Square Feet

WARRANTY INFORMATION

Your Blue Star 3HW12VC1 Split AC comes with the following warranty:

- **1 year comprehensive warranty** on the product.
- **5 years warranty** on the compressor.

Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects and does not cover damage caused by improper installation, misuse, or unauthorized repairs. For detailed terms and conditions, refer to the warranty card included with your product or contact Blue Star customer service.

CUSTOMER SUPPORT

For technical assistance, service requests, or any queries regarding your Blue Star 3HW12VC1 Split AC, please contact Blue Star customer support.

You can typically find contact information (phone numbers, email, or website) on the product packaging, warranty card, or the official Blue Star website. When contacting support, please have your model number (3HW12VC1) and purchase details ready.