

## AS34

# Generic 1.5 Ton 3 Star Inverter Split AC (Model AS34) User Manual

Model: AS34 (183VCZS)

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## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Generic 1.5 Ton 3 Star Inverter Split AC, Model AS34. Please read this manual thoroughly before using the air conditioner and retain it for future reference. Proper use and maintenance will ensure optimal performance and longevity of your unit.

## 2. SAFETY INFORMATION

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

- **Professional Installation:** Installation and servicing must be performed by qualified service personnel in accordance with national wiring standards and local codes.
- **Power Supply:** Ensure the power supply matches the specifications of the unit. Do not use damaged power cords or plugs.
- **Grounding:** The unit must be properly grounded to prevent electric shock.
- **Ventilation:** Ensure adequate ventilation around the outdoor unit. Do not block air inlets or outlets.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.
- **Flammable Materials:** Do not place flammable materials or spray aerosols near the air conditioner.
- **Cleaning:** Always disconnect power before cleaning or performing any maintenance. Use a soft, dry cloth for cleaning; avoid water or harsh chemicals.
- **Refrigerant:** This unit uses R-32 refrigerant. Handle with care and ensure proper disposal by qualified personnel.

## 3. PRODUCT OVERVIEW

The Generic 1.5 Ton 3 Star Inverter Split AC is designed to provide efficient cooling for medium-sized rooms (111 to 150 sq ft). It features an inverter compressor for energy efficiency and quiet operation.



Image showing the white indoor unit of the 1.5 Ton 3 Star Inverter Split AC. The unit features a digital display showing '24' degrees Celsius and an 'Inverter' badge, indicating its energy-efficient technology.

### Key Components:

- **Indoor Unit:** Mounted inside the room, responsible for cooling and air circulation.
- **Outdoor Unit:** Placed outside, houses the compressor and condenser.
- **Remote Control:** For convenient operation of the AC unit.
- **Connecting Pipes:** Copper pipes for refrigerant flow between indoor and outdoor units.
- **Drain Pipe:** For condensate water drainage from the indoor unit.

### Features:

- **Inverter Compressor:** Adjusts power based on heat load, providing energy efficiency and lower noise levels.
- **Copper Condenser Coil:** Ensures better cooling performance and requires low maintenance.
- **3 Star Energy Rating:** Indicates good energy efficiency.
- **Anti Bacterial Filter:** Helps to filter out bacteria and improve air quality.
- **R-32 Refrigerant:** Environmentally friendly refrigerant with no ozone depletion potential and low global warming potential.

## 4. SETUP AND INSTALLATION

Installation of this split air conditioner requires specialized tools and knowledge. It is strongly recommended that you engage a certified and experienced technician for installation to ensure safety, proper functioning, and to validate your warranty.

### General Guidelines for Professional Installers:

1. **Site Selection:**
  - **Indoor Unit:** Choose a location that allows for even air distribution, away from direct sunlight or heat sources. Ensure sufficient space for maintenance.
  - **Outdoor Unit:** Select a well-ventilated area, away from obstacles that might block airflow. Minimize the distance between indoor and outdoor units for optimal performance.
2. **Mounting:** Securely mount the indoor unit on a sturdy wall and the outdoor unit on a stable, level surface using appropriate brackets.
3. **Piping Connection:** Connect the copper refrigerant pipes between the indoor and outdoor units, ensuring no kinks and proper insulation.

4. **Drainage System:** Install the drain pipe with a downward slope to ensure efficient condensate water removal.
5. **Electrical Wiring:** Connect the power supply and communication cables according to the wiring diagram provided with the unit. Ensure all connections are secure and properly insulated. The unit requires a 220 Volts power supply.
6. **Vacuumping and Leak Test:** Evacuate the refrigerant lines to remove moisture and air, then perform a leak test to ensure system integrity.
7. **Test Run:** After installation, perform a test run to verify all functions are operating correctly.

## 5. OPERATING INSTRUCTIONS

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Your air conditioner is controlled by a remote control. Familiarize yourself with its buttons and functions for optimal use.

### Remote Control Functions:

- **ON/OFF Button:** Press to turn the unit on or off.
- **MODE Button:** Cycles through operating modes:
  - **Cool:** For cooling the room.
  - **Fan:** Circulates air without cooling.
  - **Dry:** Reduces humidity in the room.
  - **Auto:** Automatically selects mode based on room temperature.
- **TEMP ▲/▼ Buttons:** Adjusts the desired temperature setting.
- **FAN Speed Button:** Selects fan speed (Auto, Low, Medium, High).
- **SWING Button:** Controls the vertical airflow direction (louver movement).
- **TIMER Button:** Sets the unit to turn on or off automatically after a set period.
- **SLEEP Button:** Activates sleep mode for comfortable night-time operation with reduced noise and gradual temperature adjustment.
- **TURBO/POWERFUL Button:** Provides rapid cooling for a short period.

### Basic Operation Steps:

1. Ensure the unit is plugged into a power outlet.
2. Point the remote control towards the indoor unit.
3. Press the **ON/OFF** button to start the AC.
4. Press the **MODE** button to select your desired operating mode (e.g., Cool).
5. Use the **TEMP ▲/▼** buttons to set your preferred temperature.
6. Adjust the **FAN Speed** as needed.
7. To turn off the unit, press the **ON/OFF** button again.

## 6. MAINTENANCE

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

### Air Filter Cleaning (Every 2-4 Weeks):

1. Open the front panel of the indoor unit.
2. Carefully remove the air filters.
3. Clean the filters using a vacuum cleaner or wash them with lukewarm water and a mild detergent.
4. Rinse thoroughly and allow them to dry completely in a shaded area before re-installing.
5. Close the front panel.

### Indoor Unit Surface Cleaning (As Needed):

- Wipe the indoor unit's surface with a soft, dry cloth.
- For stubborn dirt, use a damp cloth with a neutral detergent, then wipe dry.
- Do not use harsh chemicals, abrasive cleaners, or hot water.

### Outdoor Unit Cleaning (Annually or Bi-annually):

- Ensure the power is off.
- Clear any debris, leaves, or dirt from around the outdoor unit.
- Gently clean the outdoor coil fins with a soft brush or low-pressure water spray. Be careful not to bend the fins.
- It is recommended to have a professional technician inspect and clean the outdoor unit annually.

### Pre-Season and Post-Season Checks:

- Before the cooling season, check for any unusual noises or smells.
- After the cooling season, clean the filters and ensure the unit is turned off at the main power supply if not in use for an extended period.

## 7. TROUBLESHOOTING

Before contacting service, please check the following common issues and solutions:

Problem	Possible Cause	Solution
AC does not start.	No power supply; remote control batteries are dead; circuit breaker tripped.	Check power connection; 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.	Loose parts; foreign objects in fan; unit not level.	Check for loose parts; remove obstructions; ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit.	Blocked drain pipe; improper installation.	Clear drain pipe obstruction; contact installer for inspection.
Remote control not working.	Dead batteries; obstruction between remote and unit; remote faulty.	Replace batteries; remove obstructions; if still not working, contact service.

If the problem persists after attempting these solutions, please contact qualified service personnel.

## 8. SPECIFICATIONS

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Key technical specifications for the Generic 1.5 Ton 3 Star Inverter Split AC (Model AS34):

Feature	Detail
Model Name	AS34
Capacity	1.5 Tons
Energy Rating	3 Star (BEE Star Rating)
Cooling Power	14000 British Thermal Units (BTU)
Inverter Type	Has Inverter
Refrigerant	R-32
Condenser Material	Copper
Noise Level (Indoor)	55 Decibels (dB)
Power Source	Corded Electric
Voltage	220 Volts
Special Features	Anti Bacterial Filter
Installation Type	Split System
Color	White

## 9. WARRANTY INFORMATION

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Your Generic 1.5 Ton 3 Star Inverter Split AC comes with the following manufacturer's warranty:

- **1 Year** on the entire product.
- **1 Year** on the condenser.
- **5 Years** on the compressor.

Please retain your purchase receipt as proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use. It does not cover damage due to improper installation, misuse, neglect, unauthorized repairs, or acts of nature. For detailed terms and conditions, please refer to the warranty card included with your product.

## 10. CUSTOMER SUPPORT

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For technical assistance, service requests, or any inquiries regarding your Generic 1.5 Ton 3 Star Inverter Split AC, please contact your retailer or the authorized service center. When contacting support, please have your model number (AS34) and purchase details readily available.

*Note: The manufacturer's contact information is typically provided on the warranty card or product packaging.*

