

Aux ASW-H12A2INV

Aux ASW-H12A2INV/SS Mini Split Inverter Air Conditioner User Manual

Model: ASW-H12A2INV/SS | Brand: Aux

1. PRODUCT OVERVIEW

The Aux ASW-H12A2INV/SS is a 1-ton (12,000 BTU) inverter mini-split air conditioner designed for efficient cooling and heating. This unit operates on 220V and utilizes R410A refrigerant. Key features include a SEER rating of 16.0, Gold Fin anti-corrosion coating, integrated WiFi module for smart control, and air purification capabilities. It is suitable for areas between 12 to 16 square meters.

The intelligent remote control includes a built-in sensor for personalized comfort, and the unit offers auto-cleaning, anti-fungus functions, and a dimming display for undisturbed rest.

2. IMPORTANT SAFETY INFORMATION

Read all safety warnings and instructions carefully before installation and operation to prevent injury or damage. Keep this manual for future reference.

- **Professional Installation:** Installation, maintenance, and repair must be performed by qualified service personnel. Improper installation can lead to electric shock, fire, or water leakage.
- **Electrical Safety:** Ensure the unit is properly grounded. Do not operate with wet hands. Disconnect power before cleaning or servicing. The unit requires a 220V / 60Hz power supply.
- **Refrigerant:** This unit contains R410A refrigerant. Do not attempt to handle refrigerant yourself.
- **Airflow:** Do not block the air inlet or outlet of either the indoor or outdoor unit.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.
- **Flammable Materials:** Do not place flammable materials near the unit.

3. PACKAGE CONTENTS

Verify that all components are present upon unpacking:

- Indoor Unit (Evaporator)
- Outdoor Unit (Condenser)
- Remote Control

- User Manual (this document)
- Installation Kit (Piping, wiring, mounting brackets - specific components may vary)

4. SETUP AND INSTALLATION

Installation of this mini-split air conditioner requires specialized tools and knowledge. It is strongly recommended that installation be performed by a certified HVAC technician.

4.1. Outdoor Unit Placement

The outdoor unit should be placed on a stable, level surface, away from direct sunlight and obstructions that could impede airflow. Ensure adequate clearance around the unit for proper ventilation and maintenance.



Figure 4.1: Aux ASW-H12A2INV/SS Outdoor Unit. This image shows the compact design of the outdoor condenser unit, featuring a protective grille and the AUX branding.

4.2. Electrical Connection

The unit requires a dedicated 220V / 60Hz electrical circuit. All wiring must comply with local electrical codes and standards. A qualified electrician should handle the electrical connections to ensure safety and proper operation.

4.3. WiFi Module Setup

The integrated WiFi module allows for remote control via the AC Freedom app. Refer to the separate WiFi setup guide or the app's instructions for pairing your device with the air conditioner.

5. OPERATING INSTRUCTIONS

The Aux ASW-H12A2INV/SS is controlled primarily using the intelligent remote control. Ensure batteries are correctly inserted.





Figure 5.1: Aux ASW-H12A2INV/SS Remote Control. This image displays the remote control with various buttons for mode selection, fan speed, temperature adjustment, and special features.

5.1. Remote Control Functions

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through operating modes: Auto, Cool, Dry, Fan, Heat.
- **Temperature Buttons (Up/Down):** Adjusts the desired temperature.
- **Fan Speed Button:** Selects fan speed (Auto, Low, Medium, High).
- **Swing Buttons:** Controls the horizontal and vertical louver movement for air distribution.
- **Timer Button:** Sets the ON/OFF timer for scheduled operation.
- **iFavor Button:** Activates a personalized comfort setting.
- **Sleep Button:** Adjusts temperature and fan speed for comfortable sleep.
- **iFeel Button:** Activates the sensor in the remote control to measure ambient temperature at your location for precise comfort.
- **Health Button:** Activates air purification functions.
- **Anti-Fungus Button:** Initiates a cycle to prevent mold and mildew growth.
- **Display Button:** Toggles the indoor unit's display ON/OFF (Dimming function).

5.2. Operating Modes

- **Cool Mode:** Provides cooling. Set desired temperature.
- **Heat Mode:** Provides heating. Set desired temperature.
- **Dry Mode:** Dehumidifies the room.
- **Fan Mode:** Circulates air without cooling or heating.
- **Auto Mode:** Automatically selects cooling or heating based on room temperature.

6. MAINTENANCE

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

6.1. Air Filter Cleaning

Clean the air filters every two weeks or more frequently if the unit is used heavily or in dusty environments. Clogged filters reduce efficiency and airflow.

1. Open the front panel of the indoor unit.

- 2. Remove the air filters.
- 3. Wash filters with lukewarm water and mild detergent. Rinse thoroughly.
- 4. Allow filters to dry completely in a shaded area before reinserting.

6.2. Unit Cleaning

Wipe the indoor and outdoor units with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents. Ensure the outdoor unit's coils are free of debris.

6.3. Auto-Cleaning Function

Utilize the unit's auto-cleaning feature periodically to maintain internal cleanliness and prevent odor buildup.

7. TROUBLESHOOTING

Before contacting service, perform the following basic checks:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, circuit breaker tripped, remote batteries dead.	Check power supply, reset circuit breaker, replace remote batteries.
Insufficient cooling/heating.	Dirty air filter, blocked outdoor unit, wrong mode selected, temperature setting too high/low.	Clean air filter, clear obstructions, select correct mode, adjust temperature.
Unusual noise.	Loose parts, foreign objects, unit not level.	Inspect unit for loose parts or objects. Ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit.	Clogged drain pipe, improper installation.	Check and clear drain pipe. If issue persists, contact service for installation check.
Remote control not working.	Dead batteries, obstruction between remote and unit.	Replace batteries. Ensure clear line of sight to indoor unit.

If problems persist after performing these checks, contact a qualified service technician.

8. PRODUCT SPECIFICATIONS

Feature	Specification
Model Number	ASW-H12A2INV/SS
Brand	Aux
Cooling Capacity	12,000 BTUs (1 Ton)
Voltage	220V / 60Hz
Refrigerant Type	R410A
SEER (Seasonal Energy Efficiency Ratio)	16.0
Coverage Area	12 to 16 m²
Power Consumption (Cooling/Heating)	3500W / 3600W

Feature	Specification
Airflow Volume	550 m³/h
Noise Level	42 dB
Special Features	Inverter Technology, Gold Fin Anti-Corrosion, WiFi Module, Smart Remote Sensor (iFeel), Auto-Cleaning, Anti-Fungus, Air Purifier, Dimming Display
Control Method	Remote Control, WiFi App (AC Freedom)
Product Weight	4000 Grams (Note: This weight likely refers to a component or packaging, not the entire unit.)

9. WARRANTY AND SUPPORT

9.1. Product Warranty

This Aux ASW-H12A2INV/SS air conditioner comes with a **1-year manufacturer's warranty**. The warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact your authorized Aux dealer or the manufacturer's customer support. Contact information can typically be found on the product packaging or the official Aux website.

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