

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [Aux](#) /

> [Aux ASW-12A2/FFR1 Conventional Mini-Split Air Conditioner 220V User Manual](#)

Aux ASW-12A2/FFR1

Aux ASW-12A2/FFR1 Conventional Mini-Split Air Conditioner User Manual

Model: ASW-12A2/FFR1 | Brand: Aux

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Aux ASW-12A2/FFR1 Conventional Mini-Split Air Conditioner. Please read this manual thoroughly before using the appliance to ensure proper function and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

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

- Installation must be performed by qualified personnel in accordance with local and national electrical codes.
- Ensure the power supply matches the unit's requirements (220V).
- Do not operate the unit with wet hands or when standing on a wet surface.
- Do not insert objects into the air outlet or inlet.
- Turn off the power supply before cleaning or performing any maintenance.
- Keep children away from the unit.
- Do not attempt to repair the unit yourself. Contact qualified service personnel.
- Ensure proper grounding to prevent electric shock.

3. PRODUCT OVERVIEW

3.1 Components

The Aux ASW-12A2/FFR1 Mini-Split system consists of two main units:

- **Indoor Unit (Evaporator):** Mounted inside the room, responsible for air circulation and temperature exchange.
- **Outdoor Unit (Condenser):** Mounted outside, responsible for heat dissipation.

- **Remote Control:** Used to operate the unit and adjust settings.

3.2 Remote Control Functions

The remote control allows you to manage all functions of your mini-split unit. Familiarize yourself with the buttons and their corresponding actions.



Figure 1: Aux Mini-Split Air Conditioner Remote Control. This image displays the white remote control with a grey LCD screen at the top. Below the screen, the 'AUX' logo is visible. The buttons are light green, with a central blue power button. Key buttons include MODE, SPEED, SWING (horizontal and vertical), TURBO, TIMER, iFavor, iFeel, HEALTH, SLEEP, iClean, Anti-FUNGUS, and DISPLAY.

- **Power Button (Blue):** Turns the unit ON or OFF.
- **°C/°F Button:** Switches temperature display between Celsius and Fahrenheit.
- **MODE Button:** Cycles through operating modes (e.g., Cool, Heat, Fan, Dry, Auto).
- **Temperature Adjustment Buttons (Up/Down Arrows):** Increases or decreases the set temperature.

- **SPEED Button:** Adjusts the fan speed (Low, Medium, High, Auto).
- **SWING ←→ Button:** Controls the horizontal louver swing.
- **SWING ↑↓ Button:** Controls the vertical louver swing.
- **TURBO Button:** Activates rapid cooling or heating for a short period.
- **TIMER Button:** Sets the auto-on or auto-off timer.
- **iFavor Button:** Activates a personalized preferred setting.
- **iFeel Button:** Activates the remote control's built-in temperature sensor for more precise room temperature control.
- **HEALTH Button:** Activates air purification or health-related functions.
- **SLEEP Button:** Adjusts temperature and fan speed for comfortable sleep.
- **iClean Button:** Initiates the self-cleaning function of the indoor unit.
- **Anti-FUNGUS Button:** Activates the anti-fungus function to prevent mold growth.
- **DISPLAY Button:** Turns the indoor unit's display ON or OFF.

4. SETUP AND INSTALLATION

The Aux ASW-12A2/FFR1 is a split-system air conditioner requiring professional installation. Incorrect installation can lead to water leakage, electric shock, or fire. Do not attempt to install the unit yourself.

4.1 Pre-Installation Checks

- Ensure the installation site can support the weight of both indoor and outdoor units.
- Verify that the electrical supply is 220V and has appropriate circuit protection.
- Confirm adequate space for air circulation around both units.

4.2 Installation Kit

The unit typically includes an installation kit with 3 meters of copper/aluminum piping and 3.5 meters of electrical cable for connecting the indoor and outdoor units.

4.3 Professional Installation

Contact a certified HVAC technician for installation. They will handle:

- Mounting the indoor and outdoor units.
- Connecting refrigerant lines and electrical wiring.
- Ensuring proper drainage for condensate.
- Vacuuming the refrigerant lines and charging with R410-A refrigerant (680g pre-charged).
- Testing the system for leaks and proper operation.

5. OPERATING INSTRUCTIONS

Use the remote control to operate your Aux mini-split unit.

5.1 Basic Operation

1. **Power On/Off:** Press the blue Power button on the remote control.

2. **Select Mode:** Press the MODE button repeatedly to cycle through available modes:
 - **Cool:** For cooling the room.
 - **Heat:** For heating the room.
 - **Fan:** For air circulation without cooling or heating.
 - **Dry:** For dehumidification.
 - **Auto:** The unit automatically selects the operating mode based on the room temperature.
3. **Set Temperature:** Use the Up/Down arrow buttons to adjust the desired temperature. The unit has a cooling capacity of 12,000 BTUs.
4. **Adjust Fan Speed:** Press the SPEED button to select fan speed (Auto, Low, Medium, High).
5. **Adjust Airflow Direction:** Use the SWING ←→ and SWING ↑↓ buttons to control the horizontal and vertical louver movement.

5.2 Advanced Functions

- **TURBO:** For rapid cooling or heating. Press this button to quickly reach the desired temperature.
- **TIMER:** Set a timer for the unit to automatically turn on or off. Refer to the remote control's specific instructions for detailed timer settings.
- **iFeel:** Activates the temperature sensor in the remote control, allowing the unit to adjust its operation based on the temperature at the remote's location, providing personalized comfort.
- **SLEEP:** Optimizes temperature and fan speed for a comfortable sleeping environment, often increasing the temperature slightly during cooling mode or decreasing it during heating mode over time. This also includes the "display on-off" feature for quality rest.
- **iClean / Anti-FUNGUS:** These functions contribute to maintaining a clean and healthy indoor unit by preventing mold and bacteria growth.
- **DISPLAY:** Toggles the LED display on the indoor unit ON or OFF for undisturbed rest.
- **Auto-Restart:** In case of a power outage, the unit will automatically restart with the previous settings once power is restored.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. Always disconnect power before performing 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.
- Open the front panel of the indoor unit and remove the filters.
- Wash filters with lukewarm water and a mild detergent. Rinse thoroughly and allow them to dry completely before reinserting.

6.2 Unit Cleaning

- Wipe the indoor and outdoor unit surfaces with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Utilize the **iClean** and **Anti-FUNGUS** functions regularly to help maintain the cleanliness of the indoor coil and prevent mold growth.

6.3 Professional Servicing

Schedule annual professional servicing to check refrigerant levels, clean coils, and inspect electrical connections for optimal performance and safety.

7. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Unit does not turn on	No power, remote batteries low, circuit breaker tripped.	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling/heating	Dirty air filters, blocked outdoor unit, wrong mode selected, doors/windows open.	Clean filters, clear obstructions, select correct mode, close openings.
Unusual noise	Loose parts, foreign objects, unit not level.	Check for loose parts, remove objects, ensure unit is level. 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 installer.

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

8. SPECIFICATIONS

Technical specifications for the Aux ASW-12A2/FFR1 Mini-Split Air Conditioner:

- **Model Name:** ASW-12A2/FFR1
- **Brand:** Aux
- **Type:** Conventional Mini-Split
- **Cooling Capacity:** 12,000 British Thermal Units (BTU)
- **Voltage:** 220 Volts
- **Power Source:** Wired Electric
- **Wattage:** 3200 W (Cooling) – 1175 W (Heating)
- **Refrigerant:** R410-A (Ecological), 680g pre-charged
- **Indoor Noise Level:** 41 dB
- **Outdoor Noise Level:** 50 dB
- **Air Flow:** 600 m³/h
- **Motor RPM (H/M/L):** 1230/950/800
- **Control Method:** Remote Control (with iFeel sensor)
- **Compressor Type:** Rotary Scroll
- **Special Features:** Heating and Cooling Function, Auto-Restart, Self-Cleaning (iClean), Anti-Fungus, Sleep Mode (Display On-Off), iFeel, iFavor.
- **Installation Method:** Split System (requires outdoor unit)

- **Product Weight:** 39500 Grams (39.5 kg)
- **Included Items:** Evaporator (Indoor Unit), Condenser (Outdoor Unit)

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This Aux ASW-12A2/FFR1 Mini-Split Air Conditioner comes with a **Limited Warranty**. Please refer to the warranty card included with your product for specific terms, conditions, and duration of coverage. Keep your purchase receipt as proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, service requests, or warranty inquiries, please contact Aux customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.