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Aux ASW-12A3/FFR2

AUX ASW-12A3/FFR2 Air Conditioner User Manual

Model: ASW-12A3/FFR2

1. Introduction

This user manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your AUX ASW-12A3/FFR2 Air Conditioner. Please read this manual thoroughly before using the appliance and keep it for future reference. This unit is a 1-ton, 110V minisplit air conditioner designed for cooling, featuring a capacity of 12,000 BTUs and an EER of 3.01. It is equipped with an intelligent remote control with an integrated sensor, anti-fungus technology, and an auto-cleaning function.

2. Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Ensure the power supply matches the unit's requirements (115V-1-60 Hz).
- Do not operate the unit with wet hands.
- Do not insert objects into the air outlet.
- Keep children away from the unit.
- Disconnect power before cleaning or servicing.
- Only qualified personnel should perform installation and repairs.
- Ensure proper ventilation around the outdoor unit.

3. Product Overview

The AUX ASW-12A3/FFR2 Air Conditioner consists of an indoor evaporator unit, an outdoor condenser unit, and a remote control.



Figure 3.1: Front view of the AUX ASW-12A3/FFR2 indoor unit. This image shows the sleek white design of the indoor evaporator unit with the "AUX" logo centered on the front panel. The air outlet flap is visible at the bottom.

Components Included:

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

4. Setup and Installation

Installation should be performed by a qualified technician. Incorrect installation can lead to water leakage, electric shock, or fire.

4.1 Indoor Unit Placement

1. Choose a location where air circulation is unobstructed and the unit can distribute air evenly.
2. Ensure the wall is strong enough to support the unit's weight.
3. Maintain adequate clearance from walls and ceilings for proper airflow and maintenance.

4.2 Outdoor Unit Placement

1. Select a location with good ventilation and away from direct sunlight or heat sources.
2. Ensure the base is level and stable to minimize vibration and noise.
3. Allow sufficient space around the unit for air intake and exhaust.

4.3 Electrical Connection

1. Connect the unit to a dedicated 115V-1-60 Hz power supply.
2. Ensure proper grounding to prevent electric shock.
3. Do not use extension cords or multi-outlet adapters.

5. Operating Instructions

Your AUX air conditioner is designed for user-friendly operation. Use the intelligent remote control to manage its functions.

5.1 Remote Control Functions (iFeel Technology)

The remote control features iFeel technology, which includes a built-in sensor to personalize the operation mode, temperature, and fan speed based on the remote's location, providing more precise comfort.

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through operating modes (Cool, Fan, Dry, Auto). This model supports "Cool" mode only.
- **Temperature Adjustment:** Use the Up/Down arrows to set the desired temperature.
- **Fan Speed:** Adjusts the fan speed (Low, Medium, High, Auto).
- **Swing Button:** Controls the vertical swing of the air deflector.
- **Timer Button:** Sets the ON/OFF timer.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep.

5.2 Basic Operation

1. Ensure the unit is plugged in and the main power switch is ON.
2. Press the Power button on the remote control.
3. Select "Cool" mode using the Mode button.
4. Set your desired temperature using the temperature adjustment buttons.
5. Adjust fan speed as needed.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. Remember to perform maintenance preferably twice a year.

6.1 Air Filter Cleaning

Clean the air filter every two weeks or more frequently if the unit is used heavily or in dusty environments.

1. Turn off the unit and disconnect power.
2. Open the front panel of the indoor unit.
3. Remove the air filters.
4. Clean filters with a vacuum cleaner or wash with lukewarm water and mild detergent.
5. Rinse thoroughly and allow to dry completely before reinstalling.
6. Close the front panel.

6.2 Auto Cleaning Function

This unit features an auto-cleaning function that prevents the proliferation of bacteria by eliminating dust particles from the evaporator. Consult your remote control manual for specific instructions on activating this feature.

6.3 Anti-Fungus System

The built-in anti-fungus system helps prevent the appearance of mold and mildew within the unit, contributing to healthier air quality.

6.4 General Cleaning

- Wipe the unit's exterior with a soft, damp cloth. Do not use harsh detergents or abrasive cleaners.
- Ensure the outdoor unit's coils are free from debris and obstructions.

7. Troubleshooting

Before calling for service, check the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries dead.	Check power connection and circuit breaker; Replace remote control batteries.
Insufficient cooling	Dirty air filter; Blocked outdoor unit; Room too large for unit capacity; Doors/windows open.	Clean air filter; Clear obstructions from outdoor unit; Ensure room size is within recommended area (12-16 m^2); Close doors and windows.
Unusual noise	Loose parts; Unit not level; Obstruction in fan.	Check for loose parts; Ensure unit is level; Remove any obstructions. If noise persists, contact service.
Water leakage from indoor unit	Clogged drain pipe; Improper installation.	Clear drain pipe; Contact a qualified technician for inspection.

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

8. Specifications

Feature	Specification
Model	ASW-12A3/FFR2
Brand	Aux
Capacity	12,000 BTUs (1 Ton)
Power Supply	115V-1-60 Hz
EER (Energy Efficiency Ratio)	3.01
Refrigerant Gas	R410A (Eco-friendly, Chlorine-free)
Cooling Capacity	3270 Watts
Air Flow	600 M^3/H
Noise Level	41-50 dB
Recommended Area	12 to 16 m^2 (may vary based on room conditions)
Special Features	iFeel Technology (intelligent remote control with sensor), Anti-Fungus System, Auto Cleaning
Filter Type	Antimicrobial Air Filter
Components Included	Evaporator, Condenser, Remote Control

9. Warranty and Support

Your AUX ASW-12A3/FFR2 Air Conditioner comes with a manufacturer's warranty. Please refer to the warranty card

included with your purchase for specific terms and conditions.

9.1 Warranty Information

The product includes a 30-day warranty with the manufacturer. For warranty claims or service requests, please retain your proof of purchase.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or to schedule service, please contact AUX customer support. Contact details can typically be found on the product packaging or the official AUX website.
Note: No official product videos were provided in the product data for embedding in this manual.

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