ceamorfco AUS-12H61RG4-700a(Bp14)

ceamorfco Mini Split AC/Heating System, 12000 BTU (115V) Instruction Manual

Model: AUS-12H61RG4-700a(Bp14)

Product Overview

The ceamorfco 12000 BTU (115V) Mini Split AC/Heating System provides year-round climate control for spaces up to 750 sq ft. This energy-efficient inverter unit features 4-in-1 functionality including cooling, heating, dry, and fan-only modes, along with advanced features like self-cleaning and auto defrost for enhanced performance and convenience.

Key Features

- **Year-Round 4-in-1 Comfort:** Delivers 12,000 BTU cooling and 12,500 BTU heating, conditioning spaces up to 750 sq ft.
- **Efficient Inverter Technology:** Reduces power consumption and prolongs equipment life by adjusting compressor speed.
- **Self-Cleaning & Auto Defrost:** Maintains fresh air quality and prevents damage in low temperatures.
- **Ultra Quiet Operation:** Operates with low noise levels (26 dB) for undisturbed sleep, featuring a 0.5-24h smart timer.
- **Wireless Remote Control:** Conveniently manage settings from up to 26 feet away.

What's in the Box

The product package includes the following components:

- Indoor Unit
- Outdoor Unit
- Mounting Bracket
- 10ft Copper Connection Pipe (Liquid Pipe Diameter: 3/8")
- 10ft Copper Connection Pipe (Air Pipe Diameter: 1/4")
- Remote Control
- Battery (2 AAA)

- Wall Sleeve
- Tape
- Luting (Putty)
- 13 ft Communication Wire
- 6.5ft Drain Pipe (Diameter: 0.67")
- User Manual
- Warranty Card



Image: Overview of included components, showing indoor and outdoor units, remote, pipes, and installation accessories.

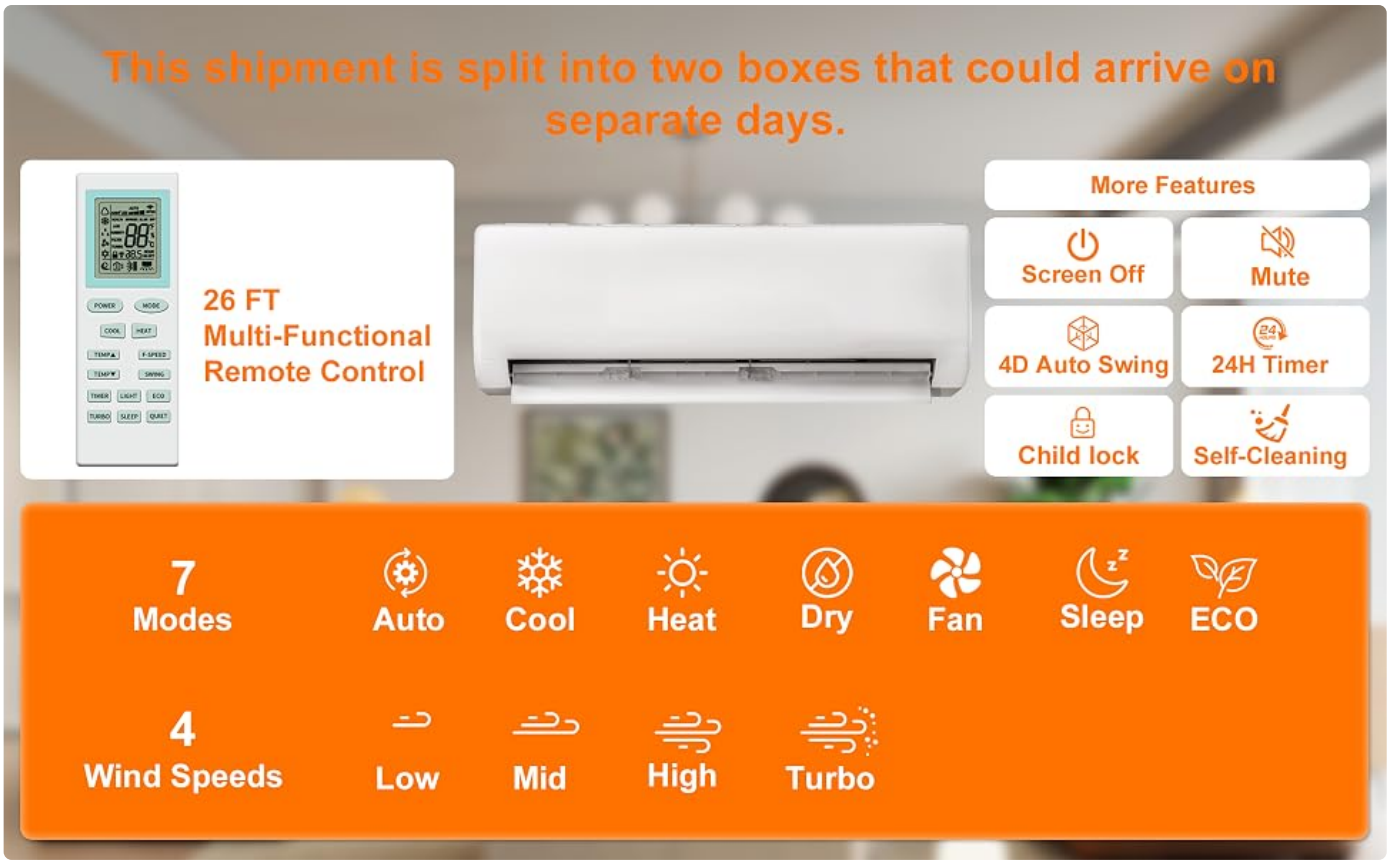


Image: Close-up of installation kit items including copper lines, remote, batteries, wall sleeve, tape, putty, communication wire, and drain pipe.

Installation Notice

This mini split AC/heating system is suitable for home, bedrooms, living rooms, garages, offices, and most residential and light commercial applications. Please ensure the unit remains upright for 24 hours before installation. **Professional licensed HVAC technician installation is highly recommended for optimal performance and safety.** The installation kit includes copper lines and a signal cord; an extra power cord may be needed depending on your setup. Please schedule installation after receiving both separate boxes, as delivery times may vary.

Your browser does not support the video tag.

Video: Mini split installation guide provided by Oylus Direct (Seller). This video demonstrates the general steps for installing a mini split system.

Setup and Installation Guide

1. Unboxing and Preparation

Carefully unbox both the indoor and outdoor units. Remove any packaging materials and ensure all components listed in the "What's in the Box" section are present. Keep the installation template for marking.

Your browser does not support the video tag.

Video: Preview of ROVSUN Mini Split AC/Heating System with Inverter & Wifi (Seller). This short video provides a quick overview of the product and its components.

2. Indoor Unit Placement and Mounting

Select a hard, flat, and firm wall for the indoor unit to avoid vibration and noise. Use the provided installation template to mark the exact location for the mounting bracket and the wall hole for pipes and wires. Drill the screw holes and insert expansion tubes. Secure the mounting bracket. Drill the wall hole at a certain angle, high on the inside and low on the

outside, to ensure proper drainage.



Image: The indoor unit is shown mounted high on a wall, indicating proper placement for air distribution.

3. Wiring the Indoor Unit

Remove the cover of the indoor unit to access the wiring terminal. Thread the communication cable through the designated hole and fix the wires according to their color to the corresponding positions on the terminal block. Ensure the presser plate is fixed to the main cable for security.

4. Connecting Pipes and Drain Hose (Indoor)

Connect the thicker end of the drain hose to the drain pipe of the indoor unit. Connect the metal air tubes (gas and liquid pipes) to the indoor unit, ensuring joints are snugly fitted and tightened with a wrench. Line up all wires and pipes neatly, turn them to the position of the corresponding holes, and wrap them together with plastic tapes.

5. Hanging the Indoor Unit

Hang the indoor unit onto the mounting bracket. Run the pipes and wires through the previously punched holes. Cover the holes with pipe protection rings inside and outside the walls, plugging any excess holes using putty to seal them.

6. Outdoor Unit Placement and Wiring

Place the outdoor unit in a suitable location, either on a wall bracket (to be purchased separately) or on the ground. Connect the two pipes to the outdoor unit, ensuring the joints fit snugly and are tightened. Remove the cover from the outdoor unit's electrical compartment. Pass the power and communication wires through the cover hole and fix them to the terminal block according to their color. Secure the fixing plate and close the cover.

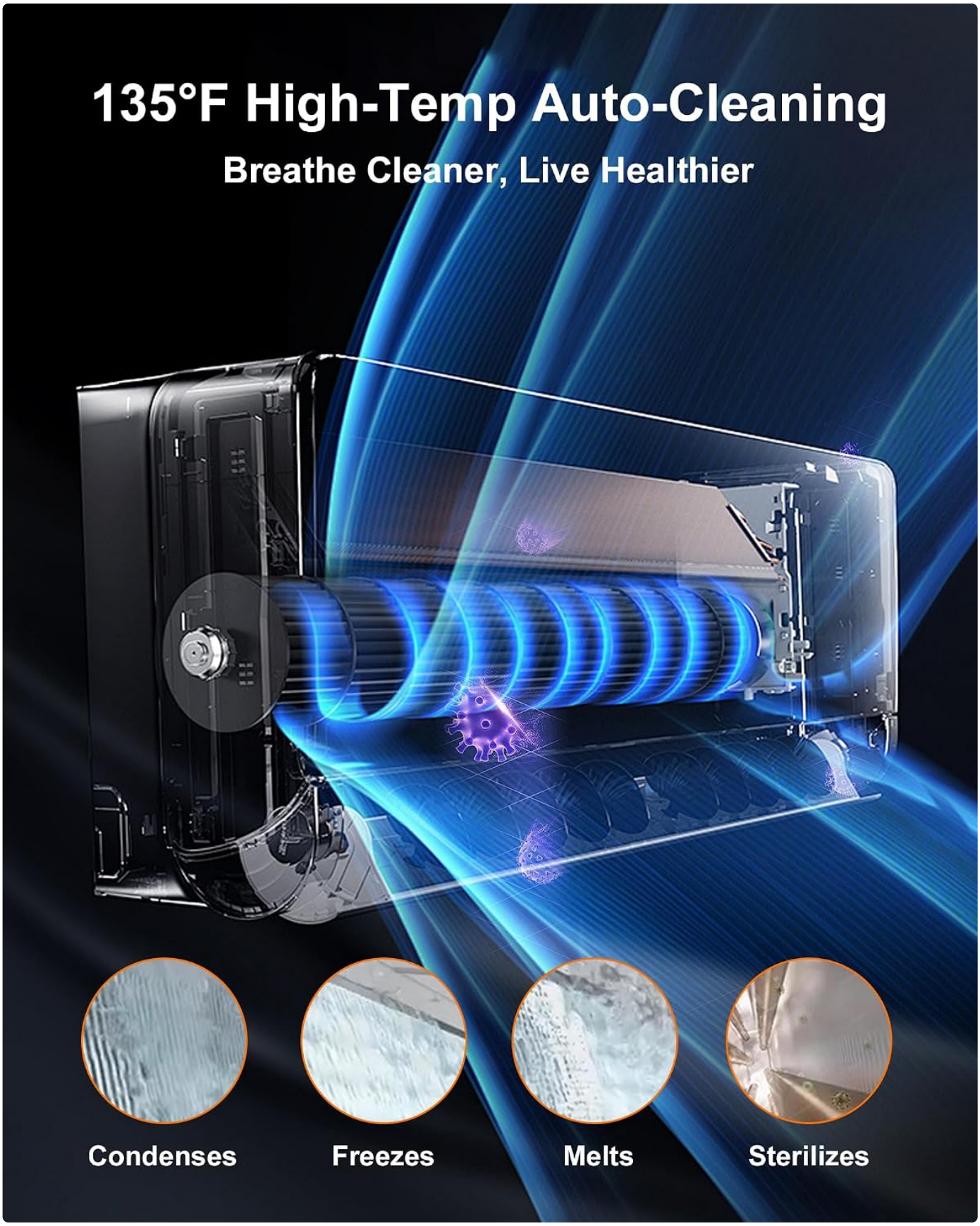


Image: The outdoor unit is shown placed on a stable surface outside the building.

7. Vacuuming and Refrigerant Release

Connect a stop valve, charging hose, manifold valve, and vacuum pump to the outdoor unit. Vacuumize for at least 15 minutes, ensuring the pressure gauge value is ≤-0.1MPa (-76cmHg / 500μm). Maintain pressure for 35 minutes after vacuumizing to ensure springback is ≤0.05MPa. Open the 1/4 liquid valve, then remove the charging hose. Using an Allen wrench, open all the liquid valves and gas valves, and finally retighten the three caps.

8. Leakage Test

Pour 500ml of water along the evaporator of the indoor unit. Check to see if water is flowing from the pipe outside the wall within about 20 seconds. If there is electricity leakage, turn off power immediately and check where the leakage is occurring.

Operating Instructions

The ceamorfco Mini Split AC/Heating System can be controlled via the included wireless remote control. The remote allows you to easily switch between Cooling, Heating, Dry, and Fan-Only modes. It also features a 0.5-24h smart timer, low-noise operation, and a display that automatically turns off after 10 seconds of inactivity to avoid disturbing your sleep.

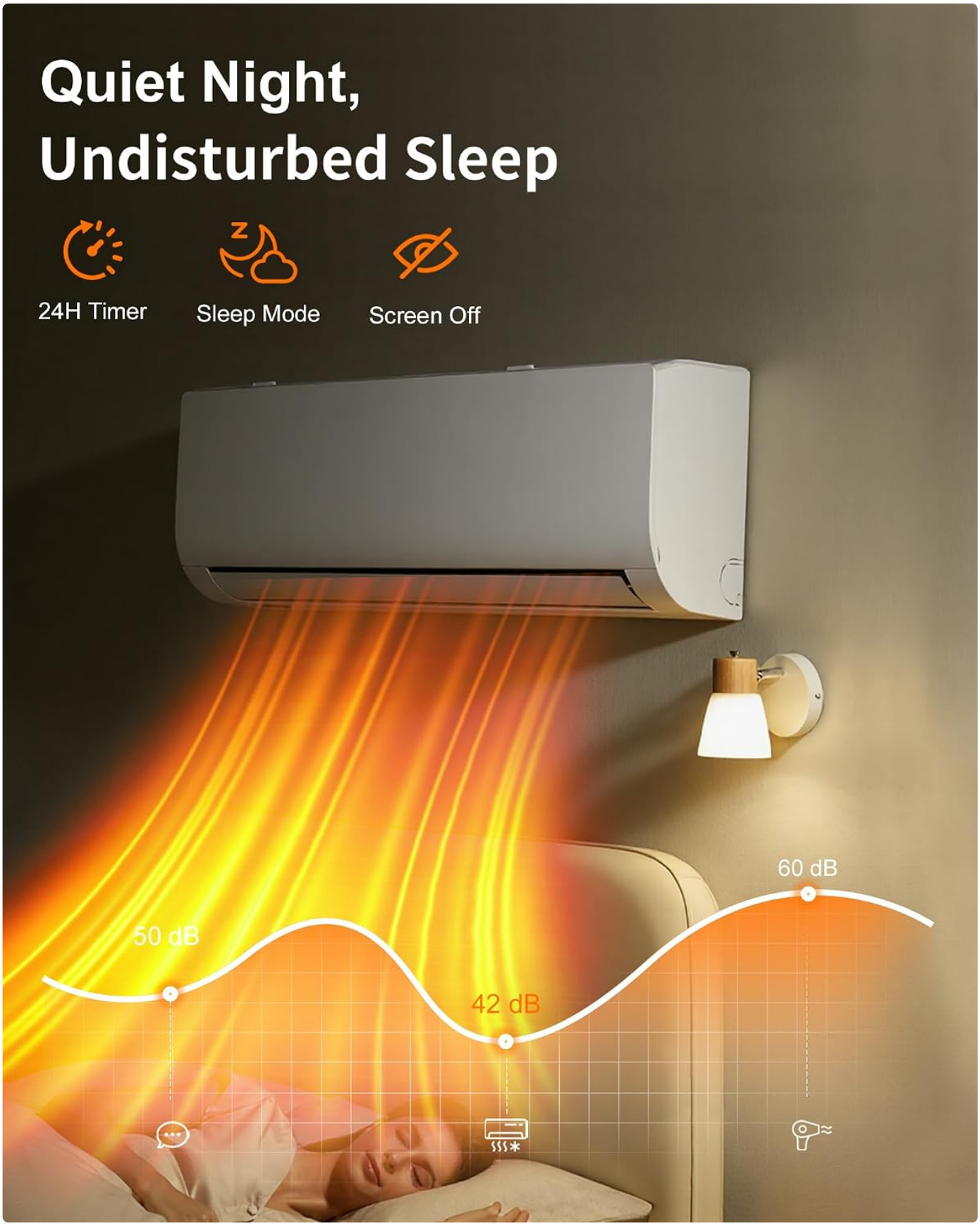


Image: Remote control displaying various modes (Auto, Cool, Heat, Dry, Fan, Sleep, ECO) and wind speeds (Low, Mid, High, Auto), along with additional features like Screen Off, Turbine, Mute, 24H Timer, Self-Cleaning, 4D Auto Swing, and Child Lock.

Your browser does not support the video tag.

Video: High Performance Mini Split AC (Seller). This video demonstrates the remote control functionality and various modes of the mini split AC unit.

Maintenance

The unit features a self-cleaning function that automatically cleans its interior, helping to keep the air in your home fresh. The outdoor AC unit also has an auto-defrost function, which operates at low temperatures (-4°F / -20°C) to prevent damage and enhance energy efficiency. Regularly check and clean the washable mesh filters for optimal performance.



Image: Illustration of the 135°F high-temp auto-cleaning process, showing condensation, freezing, melting, and sterilization stages.

Troubleshooting

If the unit is not cooling or heating effectively, first check the remote control settings to ensure the correct mode and temperature are selected. Verify that the air filters are clean and free of obstructions. Ensure there are no obstructions around the indoor or outdoor unit's air inlet and outlet. If issues persist, consult a professional HVAC technician. Do not attempt to repair the air conditioner yourself as wrong installation or maintenance may cause electric shock or fire.

Specifications

Feature	Specification
Brand	ceamorfco
Model Name	AUS-12H61RG4-700a(Bp14)
Cooling Power	12000 British Thermal Units
Heating Capacity	12500 British Thermal Units
Coverage Area	Up to 750 Square Feet
Voltage	115 Volts
Seasonal Energy Efficiency Ratio (SEER)	17

Noise Level	26 Decibels
Refrigerant	R-32
Product Dimensions	7.5"D x 34.5"W x 11.5"H
Item Weight	48.5 Pounds
Special Features	Auto Restart, Dehumidifier, Sleep Mode, Timer
Filter Type	Washable Mesh
Installation Type	Wall Mounted

Warranty and Support

This product comes with a 2-year limited manufacturer warranty. For any support or warranty claims, please refer to the contact information provided in your purchase documentation or contact the seller directly.

© 2026 ceamorfco. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question