Feelfunn SAC001-12K

Feelfunn 12000 BTU Mini Split AC/Heating System (Model SAC001-12K) User Manual

Model: SAC001-12K

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Feelfunn 12000 BTU Mini Split AC/Heating System. Please read this manual thoroughly before operating the unit and retain it for future reference. Proper installation and maintenance are crucial for optimal performance and longevity of the system.



Image 1.1: Feelfunn 12000 BTU Mini Split AC/Heating System.

Key Features

- **Fast Cooling & Heating:** Provides 12,000 BTU cooling and 12,300 BTU heating, suitable for areas up to 750 sq. ft.
- **Smart Control:** Compatible with Alexa and Google Assistant for voice control, and remote operation via smartphone Wi-Fi.
- **Energy Efficiency:** Features a SEER2 rating of 22 and HSPF2 of 9, designed for reduced energy consumption.
- **Quiet Operation:** Operates at a low noise level of less than 23dB, ideal for bedrooms and quiet environments.
- **Self-Cleaning Function:** High-temperature self-cleaning and washable filter maintain air quality.

- **All-Weather Ready:** Outdoor unit operates efficiently in temperatures from -13°F to 125.6°F.

2. Safety Information

Please observe the following safety precautions to prevent injury and property damage. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Professional Installation Required:** This split system air conditioner requires installation by a certified HVAC technician. Attempting self-installation without proper certification may void the warranty and pose safety risks.
- **Electrical Safety:** Ensure the unit is connected to a properly grounded power source with the correct voltage (115V). Do not use extension cords.
- **Refrigerant Handling:** The outdoor unit is pre-charged with R32 refrigerant. Any additional charging or handling of refrigerant must be performed by a qualified technician. R32 refrigerant is flammable.
- **Clearances:** Maintain adequate clearance around both indoor and outdoor units for proper airflow and maintenance.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance. Do not allow them to play with the remote control.
- **Cleaning:** Disconnect power before cleaning the unit. Use a soft, damp cloth for cleaning. Do not use harsh chemicals or abrasive cleaners.



Image 2.1: Safety and Support features including self-clean, FC certification, and 1-year warranty.

3. What's in the Box

Your Feelfunn Mini Split AC/Heating System ships in two separate packages. Please verify all components are present upon delivery.



Image 3.1: Contents of the Feelfunn 12K BTU Mini Split AC/Heating System packages.

Package 1 (Indoor Unit)

- Indoor Unit (x1)
- Remote Control (x1)
- AAA Batteries (x2)
- Drain Hose (approx. 6.89 ft) (x1)
- Communication Cable (approx. 14.76 ft) (x1)

- Installation Dimension Diagram (x1)
- Mounting Bracket (x1)

Package 2 (Outdoor Unit)

- Outdoor Unit (x1)
- Copper Pipes (approx. 13.12 ft each) (x2)
- Power Cord (approx. 8.20 ft) (x1)
- Putty (x1)
- Tape (x1)
- Wall Cap (x1)

4. Setup and Installation

Installation of the Feelfunn Mini Split AC/Heating System must be performed by a certified HVAC technician. This ensures proper functioning, adherence to safety standards, and warranty validity.

Key Installation Considerations:

- **Refrigerant Pre-charge:** The outdoor unit comes pre-charged with R32 refrigerant for standard pipe lengths up to 25 ft.
- **Additional Refrigerant:** If the actual pipe length exceeds 25 ft, an additional 0.172 oz of R32 refrigerant per extra foot is required. This must be added by a qualified technician.
- **Vacuum Testing:** A vacuum must be pulled on the lines before releasing the refrigerant to ensure no leaks and proper system operation.
- **Electrical Connection:** Ensure the electrical supply matches the unit's requirements (115V) and is properly grounded.
- **Drainage:** Proper routing and sloping of the drain hose are essential to prevent water accumulation and damage.

5. Operating Instructions

Your Feelfunn Mini Split system offers various modes and control options for optimal comfort.



Image 5.1: Remote control and available operating modes.

Operating Modes:

- **Auto Mode:** The unit automatically selects cooling or heating based on the set temperature and ambient room temperature.
- **Cool Mode:** Provides cooling within a temperature range of 60°F to 90°F (16°C to 32°C).
- **Heat Mode:** Provides heating within a temperature range of 60°F to 90°F (16°C to 32°C).
- **Dry Mode:** Dehumidifies the air by removing excess moisture.
- **Fan Mode:** Circulates air without cooling or heating. Fan speed can be adjusted.

- **Sleep Mode:** Adjusts temperature and fan speed for quiet operation and energy saving during sleep. Noise level is less than 23dB.
- **ECO Mode:** Optimizes energy consumption while maintaining comfort.

Smart Control Options:



Image 5.2: Smart control options via smartphone app and voice assistants.

- **Remote Control:** Use the included wireless remote to adjust settings, change modes, and set timers.

- **Wi-Fi Control:** Connect the unit to your home Wi-Fi network to control it remotely via a smartphone application. Refer to the specific app instructions for pairing.
- **Voice Control:** The system is compatible with Amazon Alexa and Google Assistant. Once connected via the smartphone app, you can use voice commands to operate the unit.

Timer Function:

The 24-hour timer allows you to program the unit to turn on or off at specific times, enhancing convenience and energy saving.

6. Maintenance

Regular maintenance ensures efficient operation and extends the lifespan of your unit.



Image 6.1: Easy maintenance for air filters.

Air Filter Cleaning:

- The unit features a washable air filter. Regularly check and clean the filter to maintain air quality and system efficiency.
- To clean, open the front panel of the indoor unit, remove the filters, and wash them with lukewarm water. Allow them to dry completely before reinserting.
- Frequency of cleaning depends on usage and air quality, but generally every 2-4 weeks is recommended.

Self-Cleaning Function (iClean):

The high-temperature self-cleaning function helps prevent mold and bacteria buildup within the indoor unit, ensuring healthier air. Refer to your remote control or app instructions for activating this feature.

Outdoor Unit Maintenance:

- Keep the area around the outdoor unit clear of debris, leaves, and obstructions to ensure proper airflow.
- Periodically inspect the outdoor coil for dirt buildup. If heavily soiled, professional cleaning may be required.

7. Troubleshooting

Before contacting customer service, review the following common issues and solutions.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries dead; Circuit breaker tripped.	Check power connection; Replace remote batteries; Reset circuit breaker.
Insufficient cooling/heating	Dirty air filter; Obstruction in airflow; Incorrect mode setting; Room size exceeds capacity.	Clean air filter; Remove obstructions; Select correct mode; Ensure unit matches room size (up to 750 sq. ft.).
Unusual noise	Loose parts; Obstruction in fan; Unit not level.	Check for loose parts; Remove obstructions; Ensure unit is level. If noise persists, contact technician.
Water leakage from indoor unit	Clogged drain hose; Improper installation of drain hose.	Clear drain hose; Ensure drain hose is properly sloped. Contact technician if issue persists.
Wi-Fi control not working	Poor Wi-Fi signal; Incorrect app settings; Unit not paired.	Check Wi-Fi signal strength; Verify app settings; Re-pair unit with app.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact a certified HVAC technician or Feelfunn customer support.

8. Specifications

Technical specifications for the Feelfunn 12000 BTU Mini Split AC/Heating System (Model SAC001-12K).

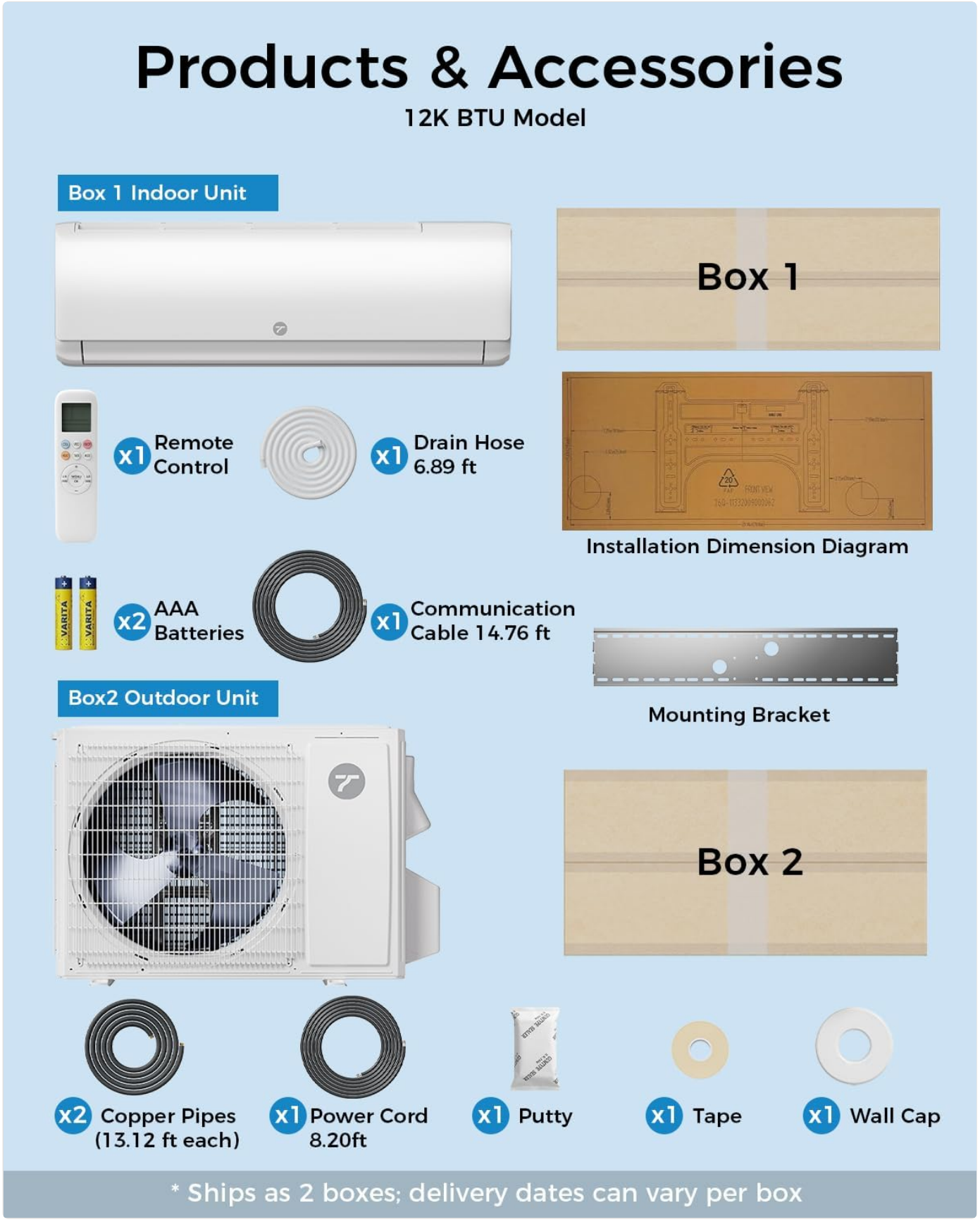


Image 8.1: Dimensions and technical specifications.

Feature	Specification
Model Number	SAC001-12K
Cooling Capacity	12,000 BTU/h

Feature	Specification
Heating Capacity	12,300 BTU/h
Power Supply	115V / 60Hz
Seasonal Energy Efficiency Ratio (SEER2)	22
Heating Seasonal Performance Factor (HSPF2)	9
Refrigerant Type	R32 (500g / 17.64 oz pre-charged)
Noise Level (Indoor Unit)	< 23 Decibels
Recommended Room Size	Up to 750 sq. ft. (69 m²)
Indoor Unit Dimensions (D x W x H)	11.61" x 29.96" x 7.87" (29.5 x 76.1 x 20 cm)
Outdoor Unit Dimensions (D x W x H)	11.0" x 27.8" x 20.9" (27.9 x 70.5 x 53 cm)
Operating Temperature Range (Cooling)	60°F to 90°F (16°C to 32°C)
Operating Temperature Range (Outdoor)	-13°F to 125.6°F

9. Warranty and Support

Feelfunn provides an industry-leading 1-year warranty for this product, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Service:

For technical assistance, warranty inquiries, or any questions regarding your Feelfunn Mini Split AC/Heating System, please contact Feelfunn customer service. Contact information can typically be found on the product packaging or the official Feelfunn website.
Please note that unauthorized repairs or modifications may void your warranty.

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