

YUMPIE SAC001

YUMPIE 12,000 BTU Mini Split Air Conditioner & Heater (Model SAC001) User Manual

Comprehensive guide for installation, operation, and maintenance.

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1. INTRODUCTION

Thank you for choosing the YUMPIE 12,000 BTU Mini Split Air Conditioner & Heater. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new unit. Please read this manual thoroughly before using the product and retain it for future reference.

This advanced inverter ductless AC unit offers year-round comfort with cooling, heating, dehumidifying, and fan modes. It is designed for energy efficiency, quiet operation, and convenient control via remote or app.

2. SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury, always follow basic precautions, including the following:

- Read all instructions before using this appliance.
- This appliance must be properly grounded.
- Do not operate the unit with a damaged power cord or plug.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Ensure the power supply matches the voltage specified on the rating label.
- Keep the unit away from flammable gases or combustible materials.
- Professional installation is required for this split system.
- Always disconnect power before cleaning or servicing.

CAUTION: R32 refrigerant is used in this unit. Handle with care and ensure proper ventilation during installation and servicing.

3. PRODUCT OVERVIEW

The YUMPIE Mini Split Air Conditioner & Heater provides efficient climate control for spaces up to 750 sq. ft. It features an 18 SEER2 inverter system for energy savings and operates quietly at less than 29 dB.

Key Features:

- **Multifunctional:** Cooling, Heating, Dehumidifying, Fan modes.
- **Energy Efficient:** 18 SEER2 Inverter technology.
- **Quiet Operation:** As low as 29 dB.
- **Smart Control:** Remote and App control (WiFi enabled).
- **Self-Cleaning Function:** For easy maintenance.
- **Adjustable Airflow:** Three-speed settings with adjustable horizontal and vertical airflow.
- **Operating Temperature Range:** 5°F to 122°F.

Components Included:

- Indoor Unit
- Outdoor Unit
- Remote Control
- Filters
- Hose
- 13ft Copper Connection Pipe - Air Pipe
- 13ft Copper Connection Pipe - Liquid Pipe
- 15 ft Communication Wire
- 6.5 ft Drain Pipe (Diameter: 2/3")
- Wall Cap
- Drain Elbow
- Tape
- Putty

Whisper-Quiet Operation Enjoy Peaceful Sleep All Night



Figure 3.1: Package Details and Components. This image illustrates the indoor and outdoor units, their dimensions, and all included accessories such as the remote control, pipes, wires, and installation materials. Note that the product is shipped in two separate boxes.



Figure 3.2: All-in-One Air Conditioner for Comfortable Living. This image highlights key features like Inverter Technology, Turbo Function, Silent Operation, LED Display, WiFi Connection, Self-Cleaning Function, 24 Hours Timer, and Auto Swing Louvers.

4. SETUP & INSTALLATION

Installation of a mini split system requires specialized tools and knowledge. It is highly recommended that installation be performed by a qualified HVAC professional to ensure proper function, safety, and warranty validity.

Pre-Installation Checklist:

- Verify all components are present and undamaged (refer to Section 3. Product Overview).
- Ensure the installation location meets clearance requirements for both indoor and outdoor units.
- Confirm electrical supply matches unit specifications (115V for this model).
- Gather necessary tools and safety equipment.

General Installation Steps (Professional Recommended):

1. **Mounting the Indoor Unit:** Select a suitable wall location, ensuring sufficient space for airflow and maintenance. Install the mounting plate securely.
2. **Drilling Wall Hole:** Drill a hole through the wall for refrigerant piping, drain hose, and communication wire.
3. **Installing Outdoor Unit:** Place the outdoor unit on a stable, level surface, ensuring adequate clearance for airflow.
4. **Connecting Refrigerant Lines:** Connect the copper pipes between the indoor and outdoor units. Ensure proper flaring and tightening to prevent leaks.
5. **Electrical Wiring:** Connect the communication wire and power supply according to the wiring diagram provided in the full installation manual.
6. **Vacuumping and Charging:** Evacuate the refrigerant lines using a vacuum pump to remove air and moisture. Check for leaks.
7. **Drainage Connection:** Connect the drain hose from the indoor unit to ensure proper condensate removal.
8. **Testing:** Power on the unit and test all operating modes to confirm proper function.



Figure 4.1: BTU Capacity and Room Size Guide. This diagram helps determine the appropriate BTU unit for various room sizes, indicating that a 12,000 BTU unit is suitable for up to 750 sq. ft.

5. OPERATING INSTRUCTIONS

Your YUMPIE Mini Split AC can be controlled using the included remote control or via a smartphone app.

5.1 Remote Control Operation

The remote control allows you to adjust temperature, change modes, set fan speed, and access special features.



Figure 5.1: Intuitive Control for Every Mode. This image displays the remote control and its functions, including Heat, Cool, Dry, Fan, Auto modes, 4 fan speeds (Low, Mid, High, Auto Long Distance Air Flow), and other features like 24H Timer, 4D Auto Swing, Eco Clean, and Sleep mode.

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through Cooling, Heating, Dry (Dehumidify), Fan, and Auto modes.
- **Temperature Adjustment:** Use the Up/Down arrows to set the desired temperature (61°F to 90°F).
- **Fan Speed:** Select Low, Mid, High, or Auto fan speed.
- **Swing Button:** Adjusts the horizontal and vertical louvers for optimal airflow distribution.
- **Timer Button:** Sets the 24-hour timer for automatic ON/OFF.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep and energy saving.
- **Eco Clean:** Activates the self-cleaning function.

5.2 App Control (WiFi Enabled)

The YUMPIE Mini Split AC can be controlled remotely via a smartphone app, offering convenience and smart features.



Figure 5.2: Control via Remote or App over WiFi. This image shows a user controlling the AC unit using a smartphone app, demonstrating the convenience of remote access.

1. **Download App:** Search for the official YUMPIE app on your smartphone's app store.
2. **Register/Login:** Create an account or log in.
3. **Add Device:** Follow the in-app instructions to connect your AC unit to your home WiFi network.
4. **Remote Control:** Once connected, you can control all functions of the AC unit from your smartphone, including mode selection, temperature adjustment, fan speed, and scheduling.

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Video 5.1: YUMPIE Mini Split Air Conditioner & Heater Overview. This video demonstrates the ease of use and various features of the YUMPIE Mini Split AC, including remote and app control, quiet operation, and efficient cooling/heating capabilities.

Rapid Cooling and Heating Performance

Ideal for Spaces Up to 750 Sq. Ft.



Figure 5.3: Rapid Cooling and Heating Performance. This image illustrates the unit's ability to quickly cool or heat a space up to 750 sq. ft., highlighting its 12,000 BTU cooling and heating capacity.

Intuitive Control for Every Mode

Multiple Modes

- Heat
- Cool
- Dry
- Fan
- [A] Auto, etc

4 Fan Steps

- Low
- Mid
- High
- Auto Long Distance Air Flow

Other Features

- 24H Timer
- 4D Auto Swing
- Eco Clean
- Sleep

Figure 5.4: Whisper-Quiet Operation. This image depicts the AC unit operating at a low noise level (less than 29 dB) in a bedroom, emphasizing its suitability for quiet environments and features like Screen Off, Sleep Mode, and 24-hour Timer for undisturbed rest.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your YUMPIE Mini Split AC. Always disconnect power before performing any maintenance.

6.1 Self-Cleaning Function

The unit features a self-cleaning function to prevent mold and bacteria buildup on the evaporator coil. Activate this function via the remote control or app (Eco Clean button/setting).



Figure 6.1: Self-Cleaning Function. This image illustrates the 5-step self-cleaning process: Condensation, Frost, Melting, Dry, and Cleaning, which takes approximately 15 minutes. It also shows a removable and washable filter.

6.2 Filter Cleaning

The removable mesh filters should be cleaned regularly (every 2-4 weeks, depending on usage) to maintain air quality and efficiency.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Wash the filters with lukewarm water and a mild detergent.
4. Rinse thoroughly and allow them to air dry completely before reinstalling.
5. Reinstall the dry filters and close the front panel.

6.3 Outdoor Unit Maintenance

Keep the outdoor unit clear of debris, leaves, and other obstructions to ensure proper airflow. Periodically clean the outdoor coil with a soft brush or vacuum cleaner. Do not spray water directly onto electrical components.

7. TROUBLESHOOTING

Before contacting customer support, refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, remote control batteries dead, circuit breaker tripped.	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling/heating.	Dirty air filters, blocked outdoor unit, wrong mode selected, room too large.	Clean filters, clear obstructions from outdoor unit, select correct mode, ensure unit matches room size.
Unusual noise.	Loose parts, foreign object, normal operating sounds (e.g., refrigerant flow).	Check for loose parts, remove foreign objects. If noise persists or is abnormal, contact service.
Water leakage from indoor unit.	Clogged drain hose, improper installation.	Clear drain hose. If issue persists, contact a professional for inspection.
Remote control not working.	Batteries dead, obstruction between remote and unit, remote faulty.	Replace batteries, remove obstructions, try app control. If still not working, contact support.

8. SPECIFICATIONS

Feature	Detail
Brand	YUMPIE
Model Number	SAC001
Cooling Power	12,000 BTU
Heating Capacity	12,000 BTU
Seasonal Energy Efficiency Ratio (SEER2)	18.0
Voltage	115 Volts
Noise Level	29 Decibels (minimum)
Refrigerant	R32
Coverage Area	Up to 750 Square Feet
Product Dimensions (Indoor Unit)	32.09"D x 7.48"W x 11.22"H
Product Dimensions (Outdoor Unit)	29.33"D x 11.02"W x 18.5"H (approx. from image)
Weight	24 Pounds (Indoor Unit, approx.)
Control Method	App, Remote
Special Features	Auto Clean, Child Lock, Inverter Compressor, Sleep Mode, WiFi Enabled



All-in-One Air Conditioner for Comfortable Living

WiFi-Enabled Mini Split Air Conditioner for Easy Home Climate Control



Figure 8.1: Powerful Performance and Efficient Energy Use. This image highlights the 18 SEER2 rating, indicating 36% energy savings compared to lower SEER2 units, and details the warranty: 5 years for the compressor and 7 years for parts.

9. WARRANTY & SUPPORT

YUMPIE provides the following warranty for this product:

- **Compressor:** 5-year limited warranty.
- **Parts:** 7-year limited warranty.

For warranty claims or technical support, please contact YUMPIE customer service. Ensure you have your model number (SAC001) and proof of purchase available.

Note: Improper installation or unauthorized servicing may void the warranty.