

OYLUS OAS-01_9K-115V

OYLUS 9000 BTU Mini Split AC/Heating System User Manual

Model: OAS-01_9K-115V

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your OYLUS 9000 BTU Mini Split AC/Heating System. Please read this manual thoroughly before use to ensure proper function, safety, and to maximize the lifespan of your unit. Keep this manual for future reference.

2. SAFETY INFORMATION

Adherence to the following safety guidelines is crucial for preventing injury and damage to the unit.

- **Professional Installation:** Installation, maintenance, and repair must be performed by qualified and authorized personnel. Improper installation can lead to electric shock, fire, or water leakage.
- **Electrical Safety:** Ensure the power supply matches the unit's specifications (115V). Do not use extension cords. Always disconnect power before cleaning or servicing.
- **Refrigerant:** This unit uses R-32 refrigerant. Handle with care and ensure proper ventilation during installation and servicing.
- **Clearance:** Maintain adequate clearance around both indoor and outdoor units for proper airflow and heat dissipation.
- **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:** Use a soft, dry cloth for cleaning. Do not use volatile liquids or abrasive cleaners.

3. PRODUCT COMPONENTS

Your OYLUS Mini Split system is delivered in two separate boxes and includes the following components:



Image 3.1: Overview of all included components, packaged in two boxes.

- **Indoor Unit:** The air handler for cooling and heating.
- **Outdoor Unit:** The condenser unit.
- **User Manual:** This document.
- **Remote Control:** For operating the unit.
- **Indoor-Outdoor Connection Cable (12.47ft):** For electrical connection between units.
- **Outdoor Connection Cable (5.91ft):** For outdoor electrical connection.
- **Indoor Installation Template:** Aids in mounting the indoor unit.
- **Mounting Plate:** For securing the indoor unit to the wall.
- **Gas Pipe (9.84ft):** For refrigerant line connection.
- **Liquid Pipe (9.84ft):** For refrigerant line connection.
- **Tape:** For securing insulation and connections.
- **Corrugated Water Pipe (6.56ft):** For condensate drainage.
- **Screws (4.2*50, 6pcs):** For mounting.
- **Plastic Expansion Tubes (6pcs):** For mounting.
- **Wall Penetration Plastic Cover:** To seal wall openings.
- **Sealing Putty:** For sealing gaps.
- **AAA Batteries (2pcs):** For the remote control.

4. SETUP AND INSTALLATION

The installation of a mini split AC/heating system involves electrical, refrigerant, and plumbing connections. For safety and optimal performance, **professional installation is strongly recommended.**



Image 4.1: Professional installation of indoor and outdoor units.

General Installation Steps (Overview):

1. **Site Selection:** Choose appropriate locations for both indoor and outdoor units, ensuring proper clearance and drainage.
2. **Mounting Indoor Unit:** Secure the mounting plate to the wall using the provided template and hardware.
3. **Drilling Wall Hole:** Create a hole through the wall for refrigerant lines, drainage pipe, and electrical cables.
4. **Connecting Piping:** Connect the gas and liquid refrigerant pipes, and the corrugated water pipe for drainage.
5. **Electrical Wiring:** Connect the indoor and outdoor units to the power supply and each other according to wiring diagrams (refer to the detailed wiring instructions in the full user manual).
6. **Vacuuming and Charging:** Evacuate the refrigerant lines to remove air and moisture, then release the refrigerant. This step requires specialized tools and expertise.
7. **Leak Check:** Verify all connections for leaks.
8. **Mounting Outdoor Unit:** Secure the outdoor unit on a stable, level surface or wall bracket.
9. **Finishing:** Insulate pipes, seal wall penetrations, and tidy up connections.

5. OPERATING INSTRUCTIONS

Your OYLUS Mini Split system offers various modes and settings for optimal comfort. All functions are controlled via the included remote control.

5.1 Remote Control Functions



Image 5.1: Remote control and its primary functions.

The remote control allows you to adjust temperature, fan speed, operating mode, and access special features. Insert the two AAA batteries into the remote control before first use.

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through operating modes (Cool, Heat, Fan, Dry, Auto).
- **Temperature Buttons (Up/Down):** Adjusts the desired temperature.
- **Fan Speed Button:** Selects fan speed (Auto, Low, Medium, High).
- **Swing Button:** Controls the vertical airflow direction.
- **Timer Button:** Sets the 24-hour ON/OFF timer.
- **Sleep Mode Button:** Activates the quiet sleep function.
- **ECO Mode Button:** Engages energy-saving mode.
- **TURBO Button:** Initiates rapid cooling or heating.
- **LED Display Button:** Toggles the indoor unit's LED display ON/OFF.

5.2 Operating Modes



Image 5.2: Overview of available operating modes.

- **Cooling Mode:** Provides powerful cooling for rooms up to 450 sq. ft. Set your desired temperature between 61°F and 88°F.

- **Heating Mode:** Utilizes the heat pump to provide efficient heating. Set your desired temperature between 61°F and 88°F.
- **Fan Mode:** Circulates air without cooling or heating. Choose from Auto, Low, Medium, or High fan speeds.
- **Dehumidifying (Dry) Mode:** Reduces humidity in the room, contributing to a drier and more comfortable environment.
- **ECO Mode:** An energy-efficient setting that automatically adjusts the temperature to optimize energy consumption while maintaining comfort. This mode can save up to 36% on energy costs.
- **Sleep Mode:** Designed for quiet operation (as low as 42dB) and gentle temperature adjustments throughout the night to prevent discomfort.
- **TURBO Mode:** Rapidly cools the room to 61°F or heats it to 88°F for quick temperature changes.

5.3 Airflow Control

Dual Airflow & 4 Speed Settings

Enjoy comfort with precise airflow control and versatile speed options



Image 5.3: Dual airflow and fan speed options.

The unit features an up-and-down air swing function to ensure even distribution of conditioned air throughout the room. Fan speeds can be adjusted to your preference: Auto, Low, Medium, or High.

6. MAINTENANCE

Regular maintenance ensures efficient operation and extends the lifespan of your OYLUS Mini Split system. Always disconnect power before performing any maintenance.

6.1 Filter Cleaning

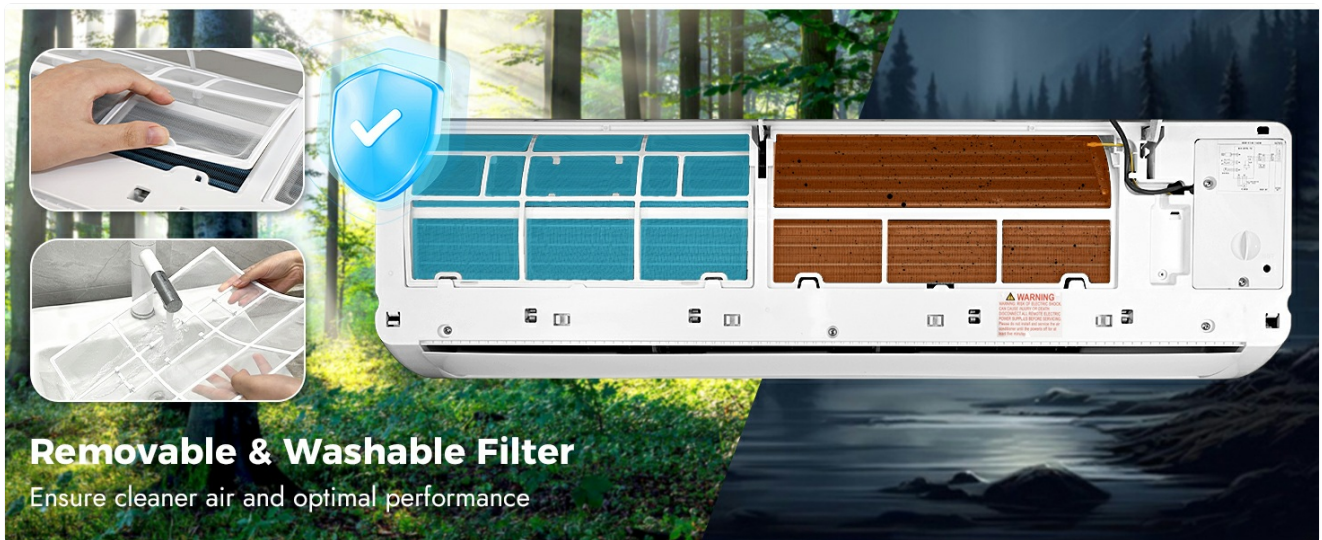


Image 6.1: Removable and washable air filter for easy cleaning.

The indoor unit is equipped with a removable and washable air filter. Clean the filter regularly (e.g., every 2-4 weeks, depending on usage) to maintain air quality and unit efficiency.

1. **Turn Off Power:** Ensure the unit is turned off and disconnected from the power supply.
2. **Open Front Panel:** Gently open the front panel of the indoor unit.
3. **Remove Filters:** Carefully slide out the air filters.
4. **Clean Filters:** Wash the filters with lukewarm water and a mild detergent. Rinse thoroughly and allow them to air dry completely before reinstallation. Do not expose to direct sunlight or heat.
5. **Reinstall Filters:** Slide the dry filters back into their original position and close the front panel.

6.2 Outdoor Unit Maintenance

Periodically check the outdoor unit for any obstructions (leaves, debris) around the fan and coils. Gently clean the exterior with a soft cloth. Do not spray water directly onto the electrical components.

7. TROUBLESHOOTING

If you encounter issues with your OYLUS Mini Split system, refer to the following common troubleshooting steps. For persistent problems, contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries low/dead	Check circuit breaker; Replace remote control batteries.
Insufficient cooling/heating	Dirty air filter; Temperature setting incorrect; Obstruction to airflow; Refrigerant leak	Clean air filter; Adjust temperature setting; Remove obstructions; Contact professional for inspection.
Unusual noise	Loose parts; Obstruction in fan; Unit not level	Check for loose components; Remove obstructions; Ensure unit is level.
Water leakage from indoor unit	Clogged drain pipe; Improper installation	Clear drain pipe; Contact professional for inspection.

8. SPECIFICATIONS

Detailed technical specifications for the OYLUS 9000 BTU Mini Split AC/Heating System.



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Image 8.1: Product dimensions and key specifications.

Feature	Specification
Model Number	OAS-01_9K-115V
Cooling Power	9000 British Thermal Units (BTU)
Heating Capacity	9000 BTU
Seasonal Energy Efficiency Ratio (SEER2)	19
Heating Seasonal Performance Factor (HSPF2)	8.5
Voltage	115 Volts (AC)
Noise Level	42 dB (Quiet Sleep Mode)
Refrigerant	R-32
Suitable Area	Up to 450 sq. ft.
Maximum Cooling Temperature	61°F
Minimum Heating Temperature	88°F
Indoor Unit Dimensions (D x W x H)	8.2" x 32.3" x 11.9"
Outdoor Unit Dimensions (D x W x H)	17.93" x 31.1" x 19"
Indoor Unit Weight	18.74 lbs
Outdoor Unit Weight	55.12 lbs
Total Item Weight	73.9 lbs
Form Factor	Mini-Split

Feature	Specification
Special Features	Fast Cooling, Heating & Cooling Function, Remote Controlled, Sleep Mode

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The OYLUS 9000 BTU Mini Split AC/Heating System comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage resulting from improper installation, misuse, neglect, unauthorized repairs, or acts of nature. For detailed warranty terms and conditions, please refer to the warranty card included with your product.

9.2 Customer Support

For technical assistance, troubleshooting guidance, or warranty claims, please contact OYLUS customer support. Our team is available to help you with any questions or concerns regarding your mini split system.

Contact Information:

Please refer to the contact details provided on the warranty card or the official OYLUS website for the most up-to-date support information.