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OYLUS OAS-01

OYLUS 12000 BTU Mini Split AC/Heating System OAS-01 Instruction Manual

Model: OAS-01

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your OYLUS 12000 BTU Mini Split AC/Heating System. Please read it thoroughly before attempting any procedures and keep it for future reference.

Important Safety Information

Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury to persons. Installation must be performed by qualified personnel in accordance with all national and local codes.

2. WHAT'S IN THE BOX

Your OYLUS Mini Split AC/Heating System comes packaged in two boxes. Please verify all components are present upon delivery.

Package List

Comes in 2 Boxes & delivery time may be different per box

Power cord not included. Please purchase separately.



Indoor Unit
(x1)



User Manual
(x1)



WiFi Function User Manual
(x1)



Remote Control
(x1)



AAA Battery
(x2)



Remote Control Holder
(x1)



Mounting Rubber Pad
(x4)



19 ft Indoor-Outdoor
Connection Cable (x1)



Warranty Card
(x1)



0.14"x0.37" Screw
(x2)



0.17"x0.98" Screw
(x6)



Expansion Bolt
(x8)



Mounting Plate
(x1)



Bracket Template
(x1)



Drain Elbow
(x2)



6.58 ft Drain Hose
(x1)



Outdoor Unit
(x1)



16.42 ft Copper Pipe
(x2)



6.58 ft Drain Hose
(x1)



Wall Cap
(x1)



Plastic Strap
(x1)



Sleeve
(x1)



Luting Putty
(x1)



Open-ended Sleeve
(x1)



Image: Detailed view of all components included in the OYLUS Mini Split AC/Heating System package, laid out on a wooden floor.

- Indoor Unit
- Outdoor Unit
- User Manual
- Warranty Card
- Remote Control
- Remote Control Holder
- 4 Mounting Rubber Pads
- 228-inch Connection Cable (Indoor-Outdoor)
- 2 Small Screws

- 6 Screws
- 8 Expansion Screws
- Mounting Plate
- 2 Drain Nozzles
- 79-inch Drain Pipe (for Indoor Unit)
- WiFi User Manual
- 2 1/7-inch Copper Pipes
- 79-inch Drain Pipe (for Outdoor Unit)
- Pipe Protection Rings
- Plastic Straps
- Sleeve
- Luting Putties
- Open-ended Sleeve

Note: Power cord not included. Please purchase separately.

3. SETUP AND INSTALLATION

3.1 Pre-Installation Checks

Proper installation is crucial for the efficient and safe operation of your mini split system. Review the user manual for detailed clearances and requirements specific to your model.

- **Wall Strength:** Ensure the wall is sturdy enough to hold the indoor unit's weight without vibration.
- **Clearances:** The indoor unit must be at least 6 inches (15 cm) below the ceiling for proper airflow. Verify all proper clearances in the installation preview section of your user manual.
- **Obstructions:** Keep the inlet and outlet clear of any obstructions.
- **Interference:** Install the indoor unit at least 10 feet (3 meters) away from any TVs or radio appliances to prevent interference.
- **Outdoor Unit Placement:** The outdoor unit must be spaced away from the wall. Ensure no plants or objects are within 3 feet of the appliance.



Image: A technician installing the outdoor unit of a mini split system, emphasizing the need for professional setup for safety and efficiency.

3.2 Installation Overview

The following videos provide a visual guide to the installation process. It is highly recommended to consult a certified professional for installation to ensure warranty validity and safety.

Your browser does not support the video tag.

Video: An overview of the OYLUS Mini Split AC/Heating System, showcasing its features and components. This video provides a general introduction to the product.

Your browser does not support the video tag.

Video: A detailed guide on DIY pipe and power hookup for a mini split AC unit, demonstrating the steps involved in connecting the indoor and outdoor units.

Your browser does not support the video tag.

Video: Important steps to know before installing a mini split system, covering critical pre-installation considerations.

Your browser does not support the video tag.

Video: A comprehensive mini split AC installation guide, detailing the process from unboxing to final setup.

3.3 Handling Refrigerant Pipes

When bending refrigerant pipes, use a bending tool or bend them very slowly to avoid damage. Damaged pipes can lead to leaks and reduced efficiency.

3.4 Bundling the Line Set

After connecting the indoor unit, ensure the line set is angled downward and the drain pipe points straight down to allow proper liquid flow and prevent leaks. Bundle all wires and pipes neatly and wrap them together with plastic tapes for protection and a tidy appearance.

3.5 Vacuuming the Refrigerant Circuit

Vacuuming the lines is a critical step to remove air and moisture for maximum efficiency. Vacuum for at least 15 minutes for each line set. For multi-zone systems, vacuum each line set separately. Use a micron gauge to reach 500 microns, or a manifold gauge to aim for -30 PSI.

3.6 Electrical Connection

Ensure safe electrical connection. Always verify your connection for safety. Check your home's voltage (115V or 230V) and select the appropriate size and quality UL-listed wire for the mini split system.

4. OPERATING INSTRUCTIONS

Your OYLUS Mini Split system offers various modes and features for optimal comfort and energy efficiency.

Fast Cooling & Heating

30s RAPID ❄️
COOLING

60s QUICK ☀️
HEATING



750sq.ft



12000BTU
Cooling Capacity

12000BTU
Heating Capacity

Image: Illustration showing the OYLUS Mini Split AC/Heating System providing rapid cooling in 30 seconds and quick heating in 60 seconds for areas up to 750 sq.ft.

4.1 Modes and Features

- **Powerful Cooling & Heating:** Cools or heats spaces up to 750 Sq.Ft. One-touch TURBO mode quickly adjusts room temperature.
- **Energy-Smart:** DC inverter technology and SEER2 20 rating automatically adjust power for comfort and energy savings. Uses eco-friendly R454B refrigerant.
- **Reliable Heating:** Operates reliably down to -13°F (-25°C). Features a heated base pan and auto-defrost system to prevent ice buildup.
- **Smart WiFi Control:** Control your system anytime, anywhere with built-in WiFi connectivity via your smartphone.

- **Ultra-Quiet Operation:** Operates as low as 29 dB in Sleep Mode for a peaceful environment.
- **No Direct Blow:** Anti-direct airflow design gently distributes air, preventing uncomfortable drafts.
- **Multi-Function:** Enjoy cooling, heating, dehumidifying, or fan mode with 8 fan speeds and 4D auto-swing.
- **User-Friendly Design:** Includes child lock, I-Feel temperature sensing, 24-hour timer, and a closable display.



Image: A hand holding a smartphone displaying the SmartLife-SmartHome app interface, used to control the mini split unit remotely.



Image: The remote control for the OYLUS Mini Split AC, showing various buttons for modes, fan speeds, and special features like Sleep Mode and Self-Cleaning.



Image: A person relaxing on a sofa with the mini split AC unit in the background, illustrating the IFEEL Intelligent Mode that automatically adapts to comfort.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your OYLUS Mini Split system.

5.1 Self-Cleaning Function

The 133°F (56°C) high-temperature self-cleaning function helps keep your indoor air fresh by removing dust and buildup inside the unit.

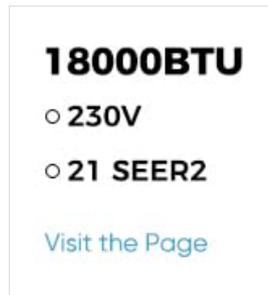


Image: Visual representation of the 131°F high-temperature self-cleaning function, showing condensation, frost, and melting stages to ensure cleaner air.

5.2 Filter Cleaning

The unit features a removable and washable filter. Regularly clean the filter for long-lasting performance and cleaner airflow.



Image: Hands demonstrating the removal and washing of the air filter from the mini split unit, highlighting its easy-to-clean design.

6. TROUBLESHOOTING

The OYLUS Mini Split system is equipped with features to help identify and address common issues.

6.1 Refrigerant Leak Detection

The system includes real-time alerts for refrigerant leaks, indicated by an 'E4' error code on the display. If a leak is detected, contact a qualified technician immediately.

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Where smart meets a better life

Cooling Capacity	12000BTU
Heating Capacity	12000BTU
SEER2	21 SEER2
HSPF2	8.5 HSPF2
Power Supply	115V- / 60Hz / 1P
Cooling Power	1050W / 9.5A
Heating Power	1030W / 9.3A
Temperature Range	61-88°F
Suitable Area	Up to 750 sq.ft
Indoor Unit Weight	18.74 lbs
Outdoor Unit Weight	55.82 lbs

Dimensions: Indoor unit (11.6" x 8.1" x 31.9"), Outdoor unit (31.7" x 11.6" x 19.7")

Image: An illustration showing the mini split unit displaying an 'E4' error code, indicating refrigerant leak detection with real-time alerts for both indoor and outdoor units.

7. SPECIFICATIONS

Detailed technical specifications for the OYLUS 12000 BTU Mini Split AC/Heating System.

Professional Installation Needs

Precision setup for safety & efficiency

Image: A table detailing the specifications of the OYLUS Mini Split AC/Heating System, including cooling/heating capacity, SEER2, power supply, dimensions, and weight.

Feature	Value
Brand Name	OYLUS
Model Info	OAS-01
Item Weight	76.9 pounds
Product Dimensions	8.1 x 31.9 x 11.6 inches
Efficiency	SEER2 20
Capacity	4800 Cubic Feet (12000 BTU Cooling/Heating)

Annual Energy Consumption	1120 Kilowatt Hours Per Year
Noise Level	42 Decibels
Installation Type	Split System
Form Factor	Mini-Split
Special Features	4 Way Swing, Auto Clean, Fast Cooling, Heating & Cooling Function, WiFi Enabled
Color	Black
Voltage	115 Volts
Wattage	1050 watts
Floor Area Coverage	Up to 750 Square Feet
Start Year	2023

8. WARRANTY AND SUPPORT

Your OYLUS Mini Split AC/Heating System includes a Warranty Card. Please refer to the card for detailed warranty terms and conditions.

For any questions or support, please visit the [OYLUS Store on Amazon](#) or contact customer service as indicated in your warranty documentation.