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### OYLUS 12K-115V#ECA-0101

# OYLUS 12000 BTU Mini Split AC/Heating System User Manual

Model: 12K-115V#ECA-0101 | Brand: OYLUS

## INTRODUCTION

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Thank you for choosing the OYLUS 12000 BTU Ductless Mini Split Air Conditioner with Heat Pump. This system is designed to provide efficient cooling and heating for spaces up to 750 square feet, ensuring year-round comfort. Please read this manual thoroughly before installation and operation to ensure proper use, optimal performance, and safety.

### Important Safety Information:

- Always disconnect power before servicing or cleaning.
- Ensure proper grounding to prevent electrical shock.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Keep children and pets away from the unit during operation.

## PRODUCT OVERVIEW

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The OYLUS Mini Split AC/Heating System is a versatile unit offering both cooling and heating functionalities with high energy efficiency. It features an advanced inverter technology and a 19 SEER2 rating for reduced energy consumption.

### Key Features:

- 12,000 BTU Cooling Capacity and 12,500 BTU Heating Capacity.
- Suitable for areas up to 750 sq. ft.
- High Energy Efficiency: 19 SEER2 cooling and 8.5 HSPF2 heating.
- Multiple Operating Modes: Cooling, Heating, Fan, Dehumidifying, ECO, Sleep.
- Four Fan Speeds: High, Medium, Low, Auto.
- Remote Control for effortless adjustment.
- 24-hour Timer and LED display with screen-off option.
- Quiet Operation: Noise level as low as 42 dB.
- Dual Airflow and up-and-down air swing for even distribution.

### Components Included:

The system comes with a comprehensive installation kit. Please verify all components are present upon delivery:

- Indoor Unit
- Outdoor Unit
- User Manual
- Remote Control

- 12.47ft Indoor-Outdoor Connection Cable
- 5.91ft Outdoor Connection Cable
- Indoor Installation Template
- Mounting Plate
- 9.84ft Gas Pipe
- 9.84ft Liquid Pipe
- Tape
- 6.56ft Corrugated Water Pipe
- 6pcs Screws (4.2\*50)
- 6pcs Plastic Expansion Tubes
- Wall Penetration Plastic Cover
- Sealing Putty
- Warranty Card
- 2 AAA Batteries (for remote control)



Figure 1: Main components of the OYLUS Mini Split AC/Heating System, including the indoor unit, outdoor unit, and various parts of the installation kit.

# Comes in 2 Boxes

Packages may arrive at different times



Figure 2: Detailed breakdown of all items included in the package, indicating that the system ships in two separate boxes.

## SETUP AND INSTALLATION

The OYLUS Mini Split AC/Heating System requires professional installation to ensure optimal performance, safety, and compliance with local regulations. While an installation kit is provided, specialized tools and knowledge of HVAC systems, electrical wiring, and refrigerant handling are necessary.

- **Professional Installation Recommended:** It is highly recommended to hire a certified HVAC technician for the installation

of this unit. Improper installation can lead to reduced efficiency, system damage, and safety hazards.

- **Site Selection:** Choose a location for both the indoor and outdoor units that allows for proper airflow, drainage, and accessibility for maintenance. Avoid direct sunlight or heat sources for the outdoor unit.
- **Mounting:** Use the provided mounting plate and indoor installation template to securely fix the indoor unit to the wall. The outdoor unit should be placed on a stable, level surface.
- **Piping and Wiring:** Connect the gas and liquid pipes, and the indoor-outdoor connection cables as per the detailed instructions in the included User Manual. Ensure all connections are secure and leak-free.
- **Vacuumping and Refrigerant Charging:** This critical step involves evacuating air and moisture from the refrigerant lines and, if necessary, adding refrigerant. This must be performed by a qualified technician.

Refer to the comprehensive [User Manual](#) included in the package for detailed, step-by-step installation instructions and diagrams. This manual contains crucial information regarding electrical connections, refrigerant handling, and specific mounting procedures.

The illustration shows the indoor and outdoor units of the OYLUS Mini Split system. The indoor unit is mounted on a wall in a bedroom, with dimensions of 11.9" height and 32.3" width. The outdoor unit is shown on a concrete pad, with dimensions of 30.7" width, 23.7" height, and 18.0" depth. A blue table on the right lists the system's specifications.

Cooling Capacity	12000BTU
Heating Capacity	12500BTU
SEER2	19 SEER2
HSPF2	8.5 HSPF2
Power Supply	115V-1-60Hz
Maximum Cooling Temperature	61°F
Minimum Heating Temperature	88°F
Suitable Area	Up to 750 sq.ft
Indoor Unit Weight	18.74lbs
Outdoor Unit Weight	55.12lbs

Figure 3: Illustration emphasizing the need for professional installation for precision setup, safety, and efficiency.

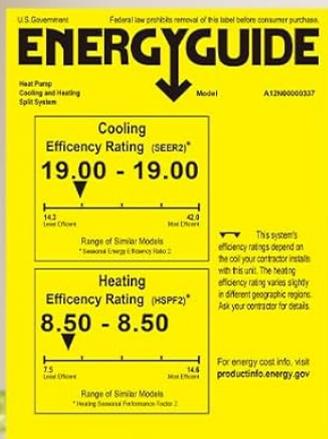
## OPERATING INSTRUCTIONS

Your OYLUS Mini Split system is designed for user-friendly operation via the included remote control. Familiarize yourself with the various modes and settings to maximize your comfort and energy savings.

### Remote Control Functions:

The remote control allows you to adjust temperature, fan speed, and operating mode from anywhere in the room. Ensure the remote has fresh AAA batteries installed.

# Maximize Efficiency, Minimize Costs



ECO Mode



Power Efficient



Lower Energy Costs

14 SEER2

19 SEER2

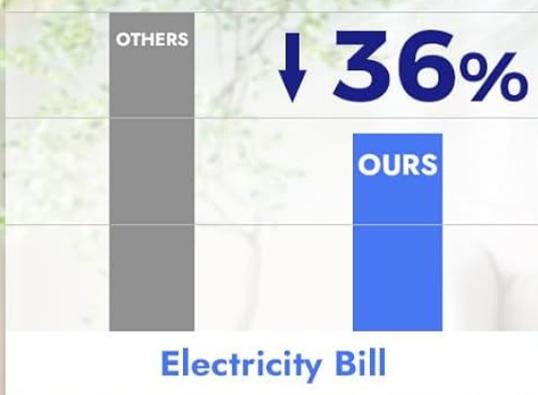


Figure 4: The remote control provides convenient access to all system functions, including mode selection, fan speed, and special features.

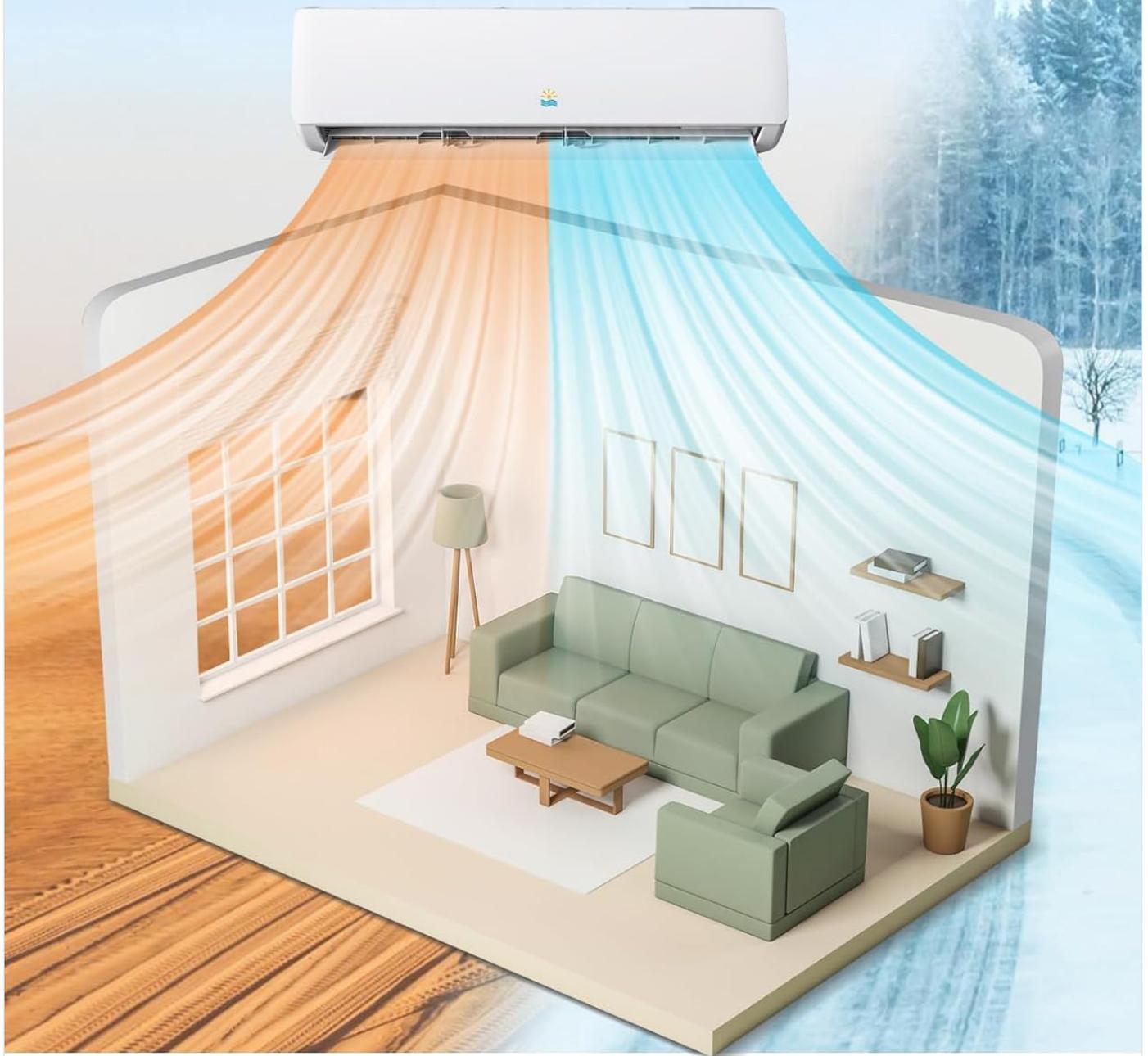
- **Power Button:** Turns the unit On/Off.
- **Mode Button:** Cycles through Cooling, Heating, Fan, and Dehumidifying modes.
- **Temperature Adjustment:** Use the Up/Down arrows to set your desired temperature (range: 61°F to 88°F).
- **Fan Speed Button:** Selects fan speed (Auto, Low, Medium, High).
- **Swing Button:** Activates or deactivates the automatic vertical air swing for even air distribution.
- **Timer Button:** Sets the 24-hour timer for automatic On/Off operation.

- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep and energy saving.
- **ECO Mode:** Optimizes performance for maximum energy efficiency.
- **LED Display:** The indoor unit features an LED display showing current settings. This display can be turned off for undisturbed sleep.

### Operating Modes Explained:

- **Cooling Mode:** Provides powerful cooling to lower room temperature. Ideal for hot weather.
- **Heating Mode:** Utilizes the heat pump to warm the room. Effective for cold weather.
- **Fan Mode:** Circulates air without heating or cooling. Use for ventilation.
- **Dehumidifying Mode:** Reduces humidity in the air, making the room feel more comfortable without significant temperature change.
- **ECO Mode:** Automatically adjusts settings to minimize energy consumption while maintaining comfort. This mode can reduce energy use by up to 36% compared to traditional models.
- **Sleep Mode:** Gradually adjusts the temperature and fan speed over time to create an optimal sleeping environment, reducing noise and energy consumption.

# Wide Coverage for Consistent Comfort



**12500BTU**

Heating Capacity

**550sq.ft**

Coverage Area

**12000BTU**

Cooling Capacity

Figure 5: The system provides wide coverage, ensuring consistent comfort throughout the designated area.

# Gentle Breeze, Silent Nights

24:  
hr

24H Timer



Sleep Mode



Screen Off



Figure 6: Enjoy precise airflow control with dual airflow and versatile speed options (Auto, Low, Medium, High).

# Breathe Cleaner, Live Healthier



Figure 7: The system operates quietly, ensuring gentle breezes and silent nights with noise levels below 42dB.

## MAINTENANCE

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Regular maintenance is crucial for the longevity and efficient operation of your OYLUS Mini Split system. Always disconnect power to the unit before performing any maintenance.

### Air Filter Cleaning:

The indoor unit is equipped with a removable and washable mesh filter. Clean the air filters regularly (every 2-4 weeks, depending

on usage and air quality) to maintain optimal airflow and efficiency.

1. Open the front panel of the indoor unit.
2. Carefully 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 reinserting.
5. Ensure filters are fully dry to prevent mold growth.



Figure 8: The removable and washable filter ensures cleaner air and optimal performance with easy maintenance.

### Outdoor Unit Maintenance:

Periodically check the outdoor unit for any obstructions (leaves, debris) around the fan and coils. Gently clean the coils with a soft brush or vacuum cleaner. Do not bend the coil fins.

### Professional Servicing:

It is recommended to have a qualified HVAC technician perform a professional service check at least once a year to ensure the system is running efficiently and to address any potential issues.

## TROUBLESHOOTING

Before contacting customer support, please review the following common issues and their potential solutions. For more detailed troubleshooting, refer to the full User Manual.

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, incorrect mode/temperature setting, low refrigerant.	Clean filters, clear obstructions, verify settings, contact technician for refrigerant check.
Unusual noise.	Loose parts, foreign objects in fan, unit not level.	Inspect unit for loose components, remove obstructions, ensure unit is level. If noise persists, contact support.
Water leakage from indoor unit.	Clogged drain pipe, improper installation.	Check and clear drain pipe. If issue persists, professional inspection is required.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact OYLUS customer support.

## SPECIFICATIONS

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Detailed technical specifications for the OYLUS 12000 BTU Mini Split AC/Heating System (Model: 12K-115V#ECA-0101).

Specification	Value
Brand Name	OYLUS
Model Info	12K-115V#ECA-0101
Product Dimensions (Indoor Unit)	8.2"D x 32.3"W x 11.9"H
Efficiency (SEER2)	19
Heating Performance (HSPF2)	8.5
Cooling Power	12000 British Thermal Units
Heating Power	12500 British Thermal Units
Capacity (Air Volume)	4800 Cubic Feet
Annual Energy Consumption	1367 Kilowatt Hours Per Year
Noise Level	42 dB
Installation Type	Split System
Form Factor	Mini-Split
Special Features	Fast Cooling, Heating & Cooling Function, Remote Controlled, Sleep Mode
Voltage	115 Volts
Wattage	1100 watts
Filter Type	Mesh Filter
Power Source	Corded Electric
Suitable Area	Up to 750 sq.ft
Indoor Unit Weight	18.74 lbs
Outdoor Unit Weight	55.12 lbs

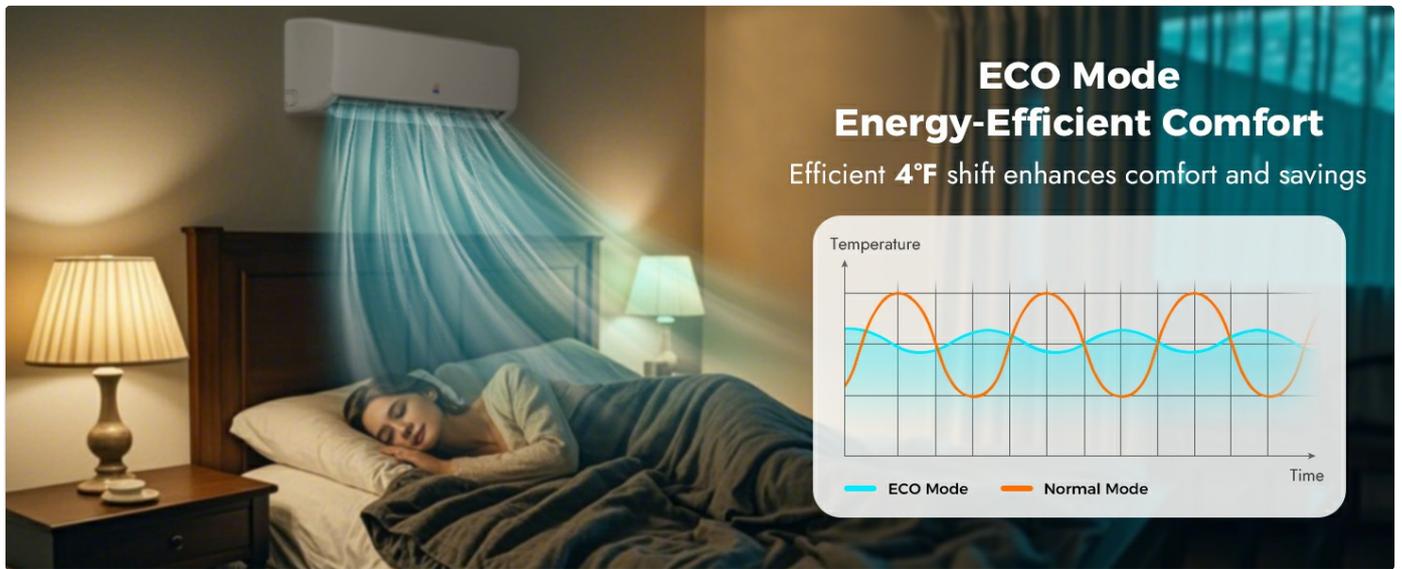


Figure 9: Key specifications and dimensions of the OYLUS Mini Split AC/Heating System.

## WARRANTY AND SUPPORT

Your OYLUS Mini Split AC/Heating System comes with a Warranty Card included in the package. Please refer to this card for specific warranty terms and conditions, including coverage duration and what is covered.

For any questions, technical assistance, or warranty claims, please contact OYLUS customer support. You can find contact information on the Warranty Card or by visiting the official OYLUS brand store on Amazon:

[Visit the OYLUS Store on Amazon](#)

OYLUS is committed to providing hassle-free after-sales support, a 24/7 rapid response system, and 360° quality protection for your peace of mind.