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› [OutEquipPro 12V 10000 BTU RV Rooftop Air Conditioner User Manual](#)

## outequip B0DWDMP3S

# OutEquipPro 12V 10000 BTU RV Rooftop Air Conditioner User Manual

Model: B0DWDMP3S

## INTRODUCTION

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Thank you for choosing the OutEquipPro 12V 10000 BTU RV Rooftop Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning unit. Please read this manual thoroughly before installation and use, and keep it for future reference. This unit is designed to provide quick and consistent cooling for RVs, trucks, vans, campers, and tractors, operating efficiently on 12V battery power.

## SAFETY INFORMATION

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Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury.

- Ensure the power source matches the unit's voltage (12V DC).
- Installation should be performed by a qualified professional to prevent damage or injury.
- Do not block air inlets or outlets. Maintain proper airflow around the unit.
- Disconnect power before performing any maintenance or cleaning.
- Do not attempt to repair the unit yourself. Contact qualified service personnel.
- Keep children and pets away from the unit during operation.
- Ensure the mounting surface is strong enough to support the unit's weight.

## PACKAGE CONTENTS

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Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.



**Image Description:** An overhead view of the OutEquipPro RV AC package contents. It shows the main air conditioner unit, various foam gaskets, mounting brackets, bolts, nuts, washers, zip ties, a remote control, and the operating instructions manual.

- OutEquipPro 12V 10000 BTU RV Rooftop Air Conditioner Unit
- Indoor Air Distribution Box (ADB)
- Mounting Gaskets and Seals
- Mounting Hardware (bolts, nuts, washers, brackets)
- Remote Control
- User Manual (this document)

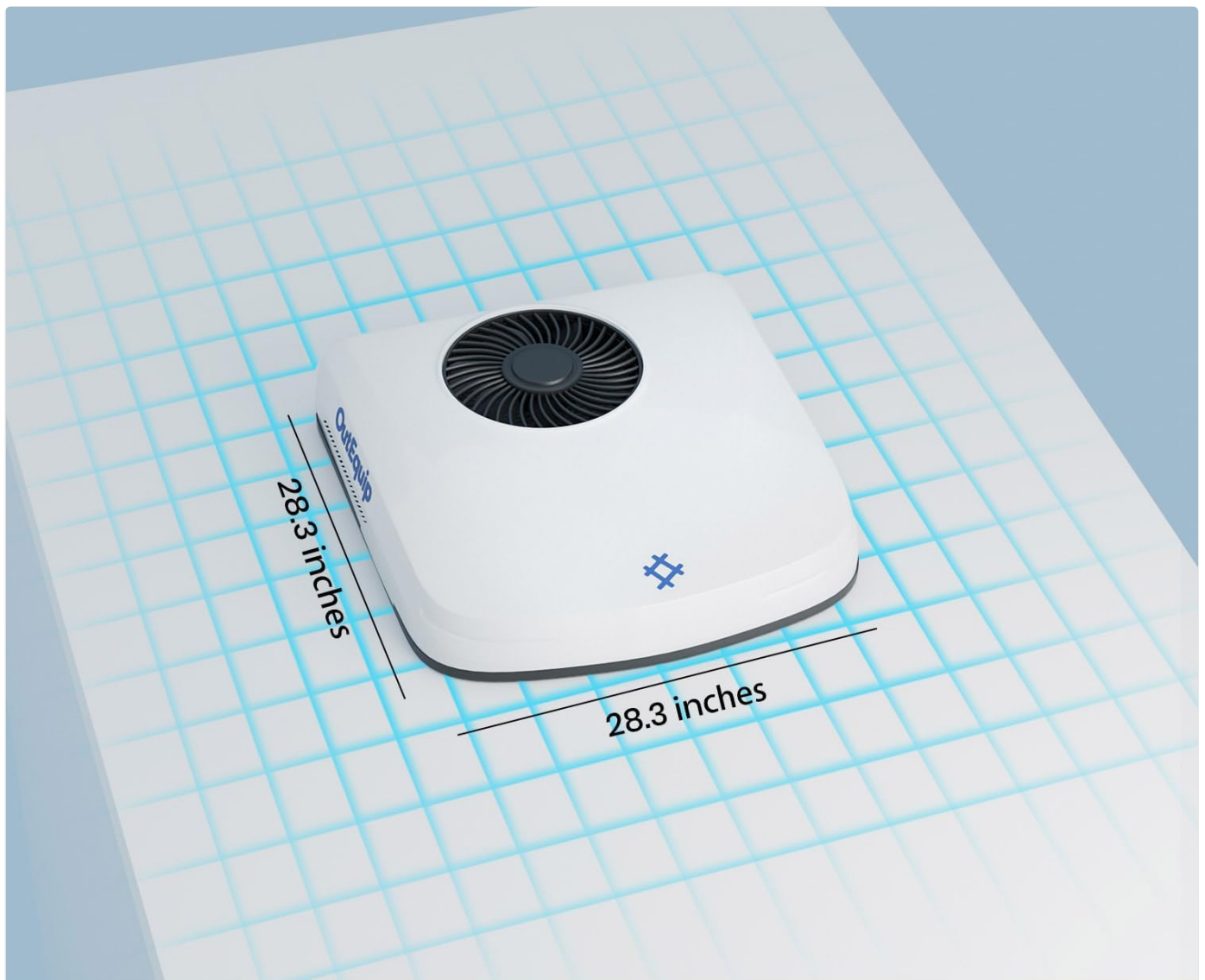
## SETUP AND INSTALLATION

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Proper installation is crucial for the performance and longevity of your RV air conditioner. It is highly recommended that installation be performed by a certified technician.

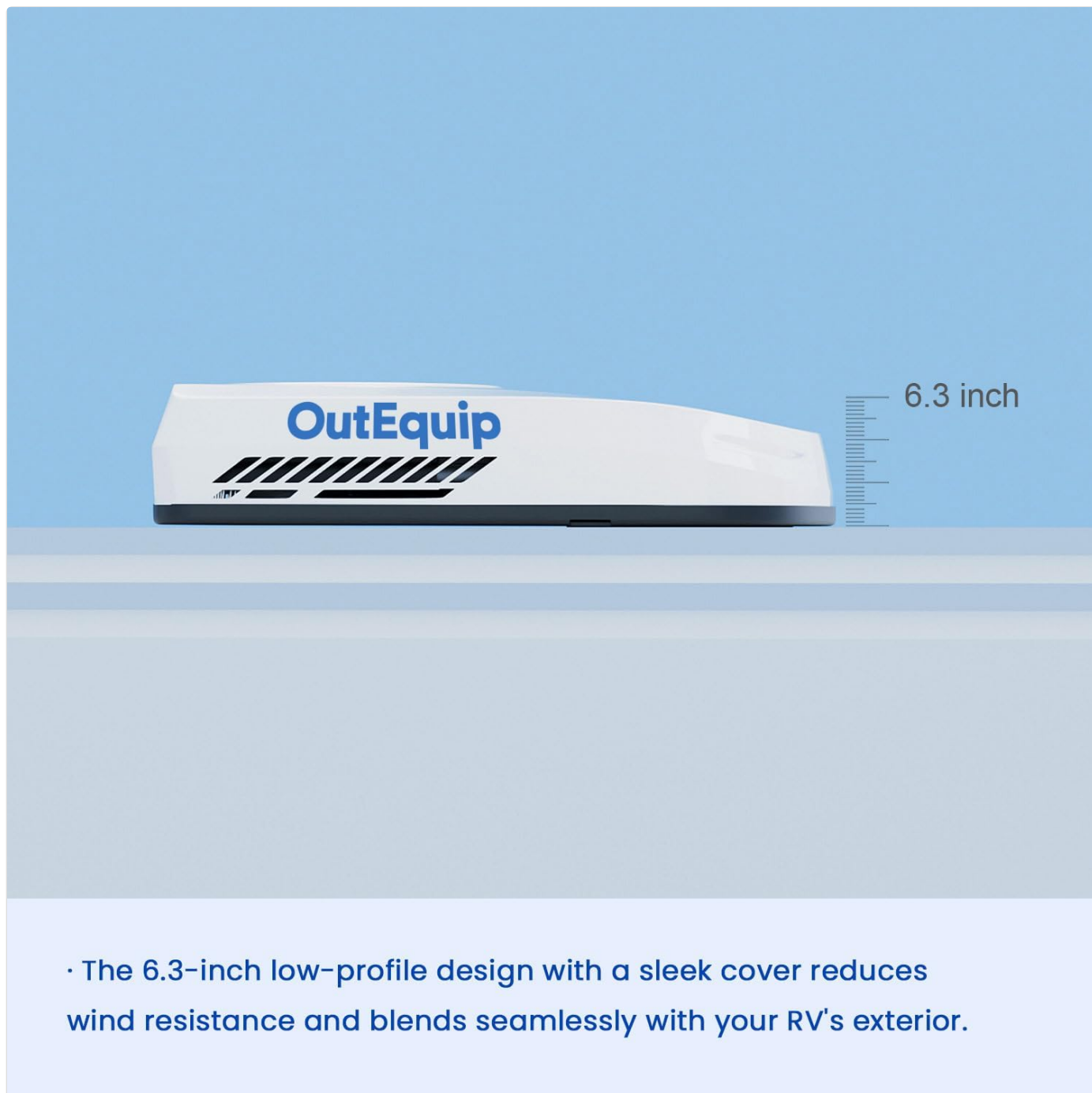
### 1. Unit Dimensions and Placement

The OutEquipPro AC unit features a compact and low-profile design, saving roof space and reducing wind resistance.



- The compact design saves roof space for solar panels or storage.
- Weighs 45LB, reducing load and boosting fuel efficiency.

**Image Description:** A top-down view of the white OutEquipPro RV air conditioner unit, overlaid with dimensions indicating it is 28.3 inches by 28.3 inches. The background shows a grid pattern, suggesting a rooftop.

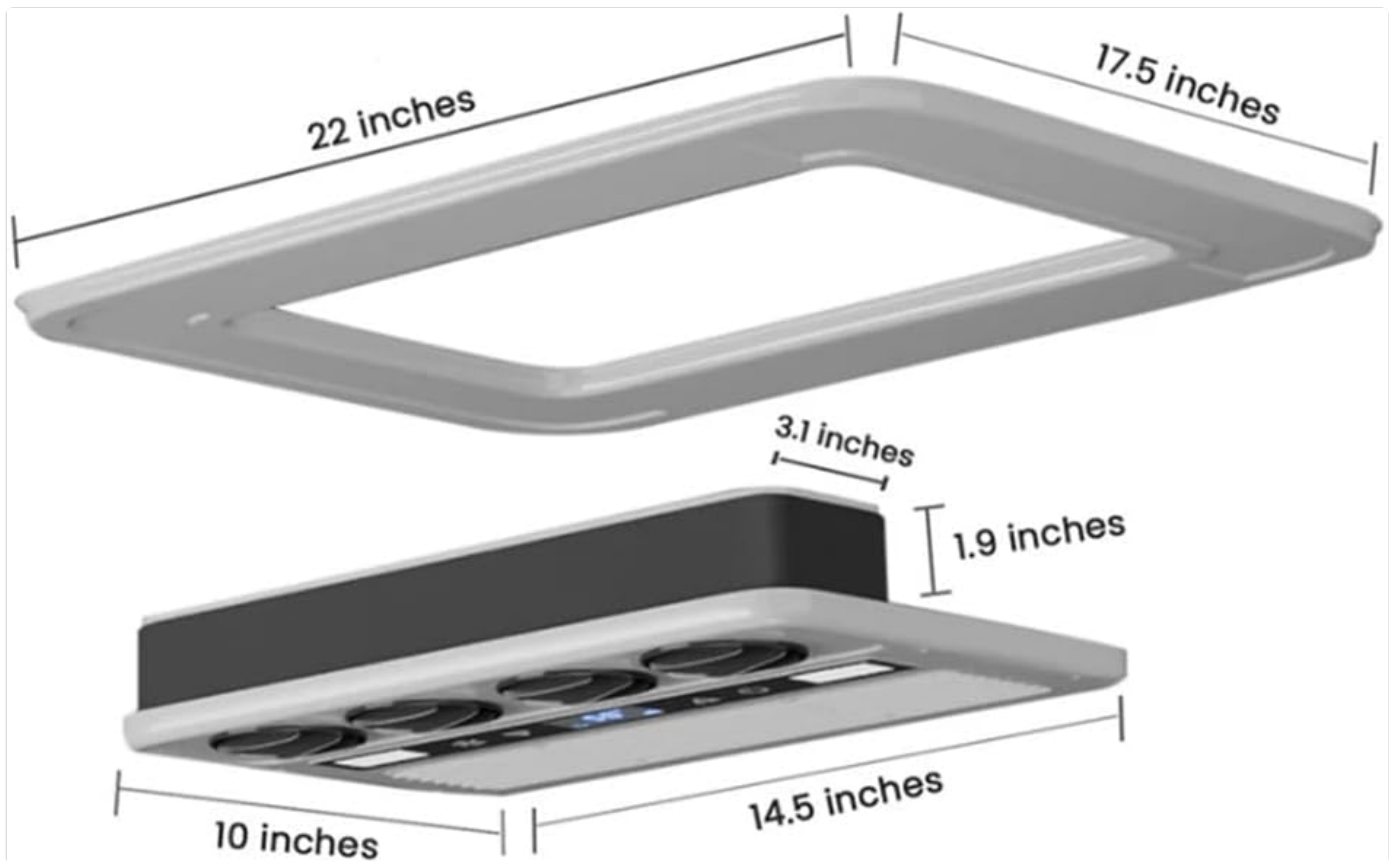


**Image Description:** A side profile view of the OutEquipPro RV air conditioner unit, highlighting its low profile design with a height of 6.3 inches.

The unit measures 28.3 inches (D) x 28.3 inches (W) x 6.3 inches (H). Choose a flat, structurally sound area on your RV roof, typically a standard 14" x 14" roof opening.

## 2. Internal Components and Air Distribution Box (ADB)

Familiarize yourself with the internal components and the Air Distribution Box (ADB) that will be installed inside your RV.



**Image Description:** An exploded view diagram showing the internal air distribution box (ADB) and its mounting frame. Dimensions are provided for the ADB (10 inches x 14.5 inches) and the frame (22 inches x 17.5 inches), along with height measurements for various parts.

The ADB dimensions are approximately 10 inches by 14.5 inches, with the mounting frame being 22 inches by 17.5 inches. Ensure adequate space for the indoor unit.

### 3. Installation Steps (Overview)

The installation process generally involves:

1. Prepare the roof opening (standard 14" x 14").
2. Place the main AC unit onto the roof opening, ensuring proper sealing with gaskets.
3. From inside the RV, install the mounting frame and secure it to the main unit using the provided bolts.
4. Connect the electrical wiring to your 12V DC power source, ensuring correct polarity and adequate wire gauge for the current draw.
5. Attach the indoor Air Distribution Box (ADB) to the mounting frame.
6. Test the unit for proper operation.



**Image Description:** An exploded diagram illustrating the assembly of the OutEquipPro RV AC unit. It shows the main rooftop unit, the long mounting bolts, the internal mounting frame, and the indoor air distribution box (ADB) with its vents.

## OPERATING INSTRUCTIONS

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Your OutEquipPro RV AC unit is designed for user-friendly operation with a remote control and multiple cooling modes.

### 1. Powering On/Off

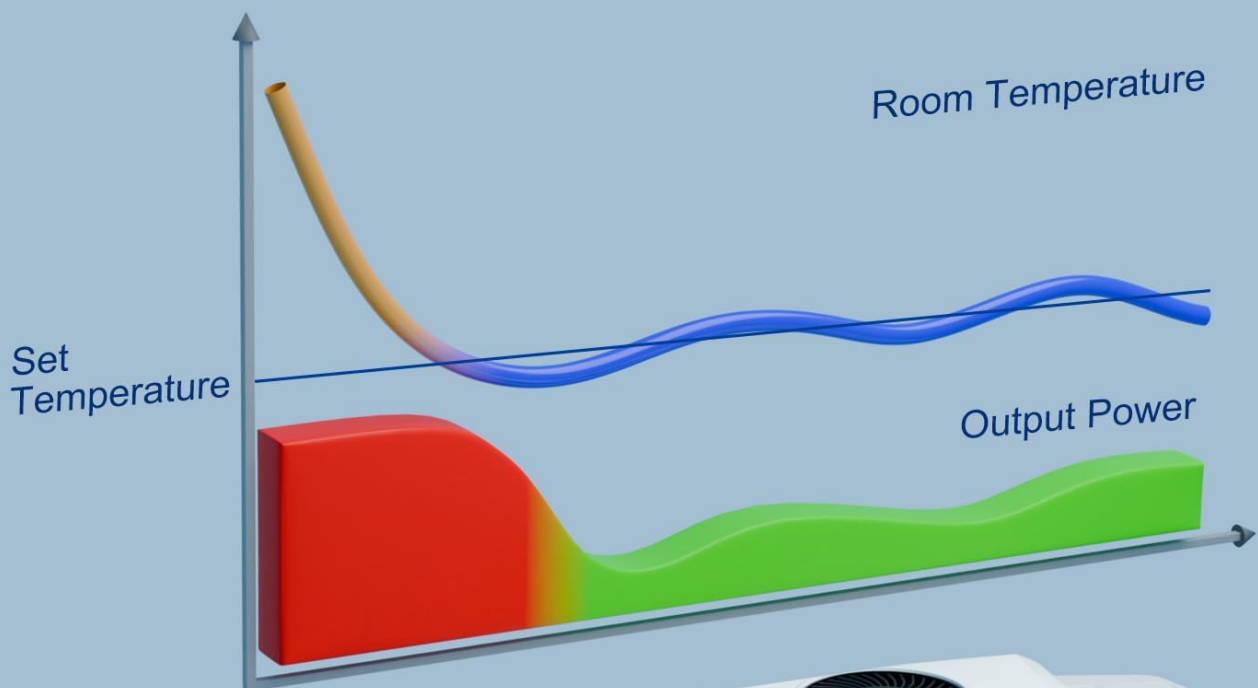
- Press the **Power** button on the remote control to turn the unit on or off.

### 2. Setting Temperature

- Use the **Temperature Up/Down** buttons on the remote to adjust your desired temperature. The unit will maintain a stable temperature with low power consumption.

# Inverter Air Conditioner

## Stable Temp with Low Power Consumption



**Image Description:** A graph titled "Inverter Air Conditioner: Stable Temp with Low Power Consumption." It shows a blue line representing "Room Temperature" fluctuating slightly around a "Set Temperature" line, while an "Output Power" bar graph (green) shows reduced power consumption once the set temperature is reached, demonstrating efficient inverter technology.

### 3. Operating Modes

The unit offers multiple modes for personalized comfort:

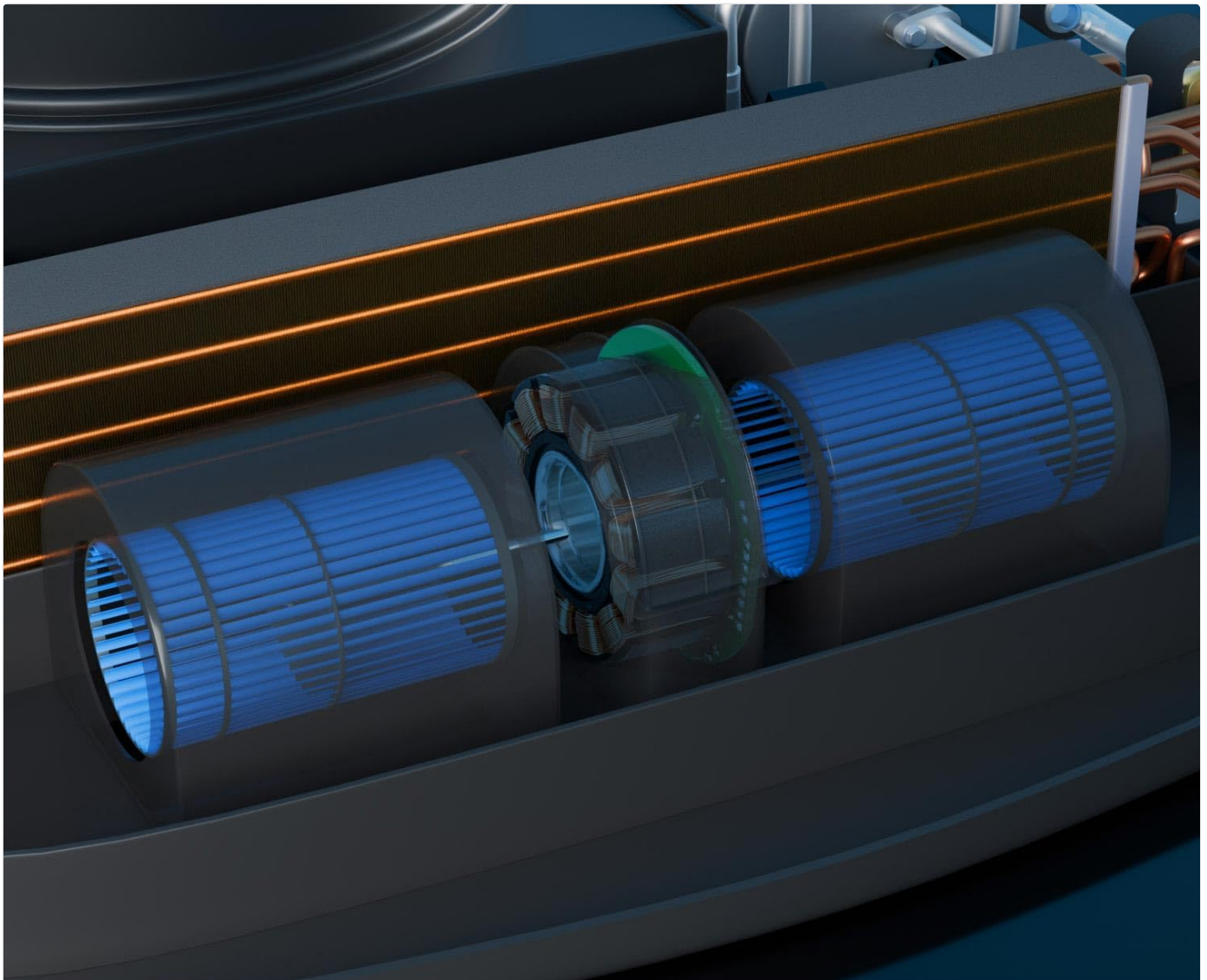
- **Eco Mode:** Optimizes power consumption for extended battery life.
- **Sleep Mode:** Adjusts temperature and fan speed for quiet, comfortable overnight cooling.
- **Turbo Mode:** Provides maximum cooling power for rapid temperature reduction.
- **Fan Mode:** Circulates air without cooling.

Select your desired mode using the **Mode** button on the remote.

### 4. Fan Speed

- Adjust the fan speed using the **Fan Speed** button on the remote. The unit features a brushless copper motor fan for

quiet operation.



· The brushless copper motor fan delivers 450 m<sup>3</sup>/h airflow for quiet, efficient comfort.

**Image Description:** A detailed internal view of the OutEquipPro RV AC unit, showcasing the brushless copper motor fan. The blue fan blades are visible, emphasizing the quiet and efficient airflow mechanism.

## MAINTENANCE

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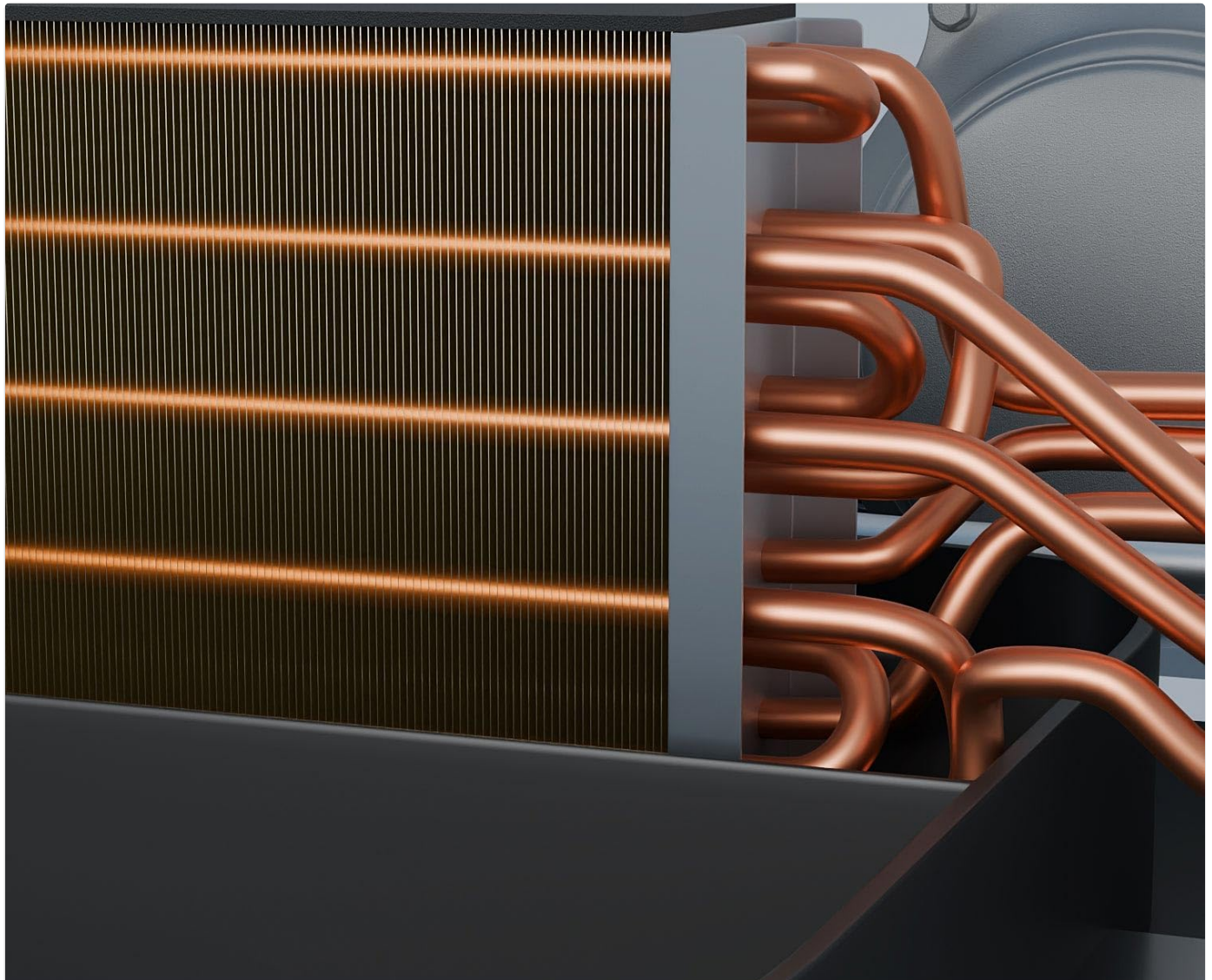
Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. Always disconnect power before performing maintenance.

### 1. Cleaning Air Filters

- The indoor air distribution box contains reusable air filters.
- Remove the filter covers and gently pull out the filters.
- Wash filters with mild soap and warm water. Rinse thoroughly and allow them to air dry completely before reinserting.
- Clean filters monthly or more frequently if the unit is used heavily or in dusty environments.

## 2. Cleaning the Exterior Unit

- Periodically inspect the rooftop unit for debris, leaves, or dirt.
- Gently clean the exterior with a soft cloth and mild detergent. Avoid using harsh chemicals or abrasive cleaners.
- Ensure the condenser fins are clear of obstructions. The unit features a durable copper evaporator with advanced coating for efficiency.



- The copper evaporator with advanced coating boosts cooling efficiency and durability for reliable comfort.

**Image Description:** A close-up internal view of the OutEquipPro RV AC unit, highlighting the copper evaporator and condenser coils. The intricate fin structure is visible, designed for efficient heat exchange.

## 3. Seasonal Checks

- Before and after periods of extended storage, inspect all electrical connections for tightness and signs of corrosion.
- Check the integrity of the roof seal around the unit to prevent water leaks.

## TROUBLESHOOTING

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If you encounter issues with your air conditioner, refer to the following common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, loose wiring, remote control battery dead.	Check 12V power supply. Ensure all connections are secure. Replace remote batteries.
Insufficient cooling.	Dirty air filters, blocked condenser/evaporator, low refrigerant (professional service required).	Clean air filters. Clear any obstructions from outdoor unit. Contact service if refrigerant is suspected.
Unit is noisy.	Loose components, fan obstruction, unit not level.	Check for loose parts. Ensure nothing is obstructing the fan. Verify unit is level.
Water dripping from indoor unit.	Clogged condensate drain.	Clear the condensate drain line.

## SPECIFICATIONS

Technical specifications for the OutEquipPro 12V 10000 BTU RV Rooftop Air Conditioner.

- **Brand:** outequip
- **Model:** B0DWDMP3S
- **Cooling Power:** 10000 British Thermal Units (BTU)
- **Capacity:** 1 Tons
- **Voltage:** 12 Volts DC
- **Power Source:** Battery Powered
- **Product Dimensions (DxWxH):** 28.3"D x 28.3"W x 6.3"H
- **Noise Level:** 40 dB
- **Special Features:** Remote Controlled, Sleep Mode, Fast Cooling
- **Color:** White
- **BEE Star Rating:** 4 Star

## WARRANTY AND SUPPORT




OutEquipPro products come with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official OutEquip website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact OutEquip customer service.

- **Customer Support:** Refer to your purchase documentation or the OutEquip website for contact information.
- **Returns:** This product is eligible for 30-day easy returns.



Related Documents - B0DWDMP3S

 <p>OutEquip Installation Guide</p> <p>Rooftop Air Conditioner Model: Summit 2 12V/24V</p>	<p><a href="#">OutEquip Summit 2 Rooftop Air Conditioner Installation Guide</a></p> <p>Comprehensive installation guide for the OutEquip Summit 2 Rooftop Air Conditioner (12V/24V). Includes safety instructions, roof opening requirements, installation steps, wiring diagrams, and warranty information.</p>
 <p>OutEquip Installation Guide</p> <p>Rooftop Air Conditioner Model: Glacier Pro 12V/110V</p>	<p><a href="#">OutEquip Glacier Pro Rooftop Air Conditioner Installation Guide</a></p> <p>Comprehensive installation guide for the OutEquip Glacier Pro rooftop air conditioner (12V/110V). Includes safety instructions, roof opening requirements, mounting procedures, and warranty information.</p>
 <p>OutEquip Installation Guide</p> <p>Mini Split Air Conditioner Model: Skyline 12V</p>	<p><a href="#">OutEquip Mini Split Air Conditioner Skyline 12V Installation Guide</a></p> <p>Comprehensive installation guide for the OutEquip Mini Split Air Conditioner, Model: Skyline 12V. Covers safety instructions, mounting procedures for indoor and outdoor units, electrical connections, refrigerant system handling, and warranty information.</p>