

Dometic Dometic Atwood AirCommand

Dometic Atwood AirCommand Ducted Rooftop RV Air Conditioner (13.5K BTU, Black) - User Manual

Model: Dometic Atwood AirCommand

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Dometic Atwood AirCommand Ducted Rooftop RV Air Conditioner. Please read this manual thoroughly before installation and use, and keep it for future reference.

The Dometic Atwood AirCommand rooftop air conditioner is engineered to deliver reliable cooling performance in various mobile living environments, designed to withstand harsh elements while providing comfortable air circulation.

SAFETY INFORMATION

Important: Installation, maintenance, and repair must be performed by qualified personnel only. Improper installation or maintenance can lead to property damage, injury, or death.

- Always disconnect power before servicing the unit.
- Ensure proper grounding to prevent electrical shock.
- Verify that the RV's electrical system can support the unit's power requirements.
- Do not operate the unit with damaged wiring or components.
- Keep all vents clear of obstructions to ensure proper airflow.

SETUP AND INSTALLATION

The Dometic Atwood AirCommand is designed for ducted rooftop installation on RVs. While installation can be straightforward for those with technical knowledge, professional installation is recommended.

Pre-Installation Checks:

- Verify roof opening dimensions (standard 14.25" x 14.25").
- Confirm roof thickness is within the unit's specifications for proper bolt length.

- Ensure adequate structural support on the RV roof for the unit's weight (86 lbs).
- Check electrical wiring for compatibility with 115 Volts AC, 60 Hz.

Installation Steps (Overview):

1. Carefully lift the rooftop unit onto the RV roof, ensuring proper alignment with the roof opening.
2. Install the foam gasket around the opening to create a watertight seal.
3. From inside the RV, install the ceiling frame and secure the unit using the provided bolts. Ensure bolts are tightened evenly to compress the gasket.
4. Connect the electrical wiring (live, neutral, ground) according to the wiring diagram provided in the full installation manual.
5. Mount the air distribution box (ADB) to the ceiling frame, ensuring all connections are secure.
6. Test the unit's operation.



Figure 1: Exterior view of the Dometic Atwood AirCommand 13.5K BTU RV Air Conditioner in Black.



Figure 2: Product dimensions of the Dometic Atwood AirCommand RV Air Conditioner, showing length, width, and height.

Installation Video Reference:

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Video 1: DIY Installation of a Furrion Chill Cube RV Air Conditioner. This video provides a general overview of the installation process for a similar RV air conditioner, demonstrating the steps involved in mounting the rooftop unit and connecting the air distribution box.

OPERATING INSTRUCTIONS

Your Dometic Atwood AirCommand unit can be operated via the included remote control or the control panel on the air distribution box (ADB).

Remote Control Operation:

- **Power:** Press the ON/OFF button to turn the unit on or off.
- **Mode Selection:** Cycle through cooling, fan-only, and dehumidification modes using the MODE button.
- **Temperature Adjustment:** Use the UP/DOWN arrow buttons to set your desired temperature. The unit offers precise temperature control.
- **Fan Speed:** Adjust fan speed (Auto, Low, Medium, High, Turbo) using the FAN button.
- **Sleep Mode:** Activates a quieter, more energy-efficient operation for nighttime use.
- **Swing Function:** Controls the oscillation of the air vents for even air distribution.

Control Panel Operation:

The ADB features a built-in control panel with buttons for power, mode, fan speed, and temperature adjustment, mirroring most remote functions for convenience.

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Video 2: FOGATTI RV Air Conditioner 16000BTU with Heat Pump. This video demonstrates the features and operation of an RV air

conditioner, including remote control and panel adjustments for temperature and fan speed.

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Video 3: RecPro RV Air Conditioner: Efficient, Quiet, Reliable Cooling. This video highlights the quiet operation and remote control features of an RV air conditioner, showing how to adjust settings for optimal comfort.

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Video 4: Look how quiet it is, quick review. This short video demonstrates the quiet operation of an RV air conditioner, emphasizing its low noise output during use.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air conditioner. The most critical maintenance task is cleaning the air filters.

Cleaning the Air Filters:

1. Turn off the air conditioner unit and disconnect power.
2. Locate the air filters on the air distribution box (ADB) inside your RV. These are typically removable panels.
3. Gently remove the filters. They may be dusty or dirty.
4. Rinse the filters with clean, lukewarm water. For heavily soiled filters, a mild detergent can be used.
5. Allow the filters to air dry completely before re-installing them. Do not use heat to dry.
6. Re-install the dry filters into the ADB, ensuring they are securely in place.
7. Restore power to the unit.

It is recommended to clean the filters every 2-4 weeks, or more frequently depending on usage and environmental conditions.

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Video 5: How to clean the air conditioner filter. This video provides a step-by-step guide on how to remove, clean, and re-install the air filters of an RV air conditioner.

TROUBLESHOOTING

Before contacting customer support, please review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; tripped breaker; loose wiring.	Check RV power source, reset circuit breaker, inspect wiring connections (by qualified personnel).
Insufficient cooling.	Dirty air filters; blocked air vents; low refrigerant; incorrect temperature setting.	Clean air filters, ensure vents are clear, verify temperature setting. If refrigerant is low, contact service.
Unit is noisy.	Loose components; fan obstruction; unit not level.	Check for loose screws or debris. Ensure RV is level. If noise persists, contact service.
Water leaking from unit.	Clogged condensate drain; improper installation seal.	Clear condensate drain. Check rooftop seal for proper installation.

SPECIFICATIONS

Feature	Detail
Brand	Dometic
Model	Dometic Atwood AirCommand
Cooling Power	13,500 British Thermal Units (BTU)
Capacity	1.25 Tons
Voltage	115 Volts
Wattage	1725 watts
Noise Level	52 Decibels
Installation Type	Ducted
Product Dimensions	38.7"D x 26.3"W x 14.17"H
Item Weight	86 pounds
Special Features	Fast Cooling, Dual Motor Design, Quiet Operation
Included Components	1 Air Conditioner Unit, 1 Manual

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Dometic website. If you encounter any issues or require technical assistance, please contact Dometic customer support.

Dometic Customer Support:

- Visit the [Dometic Store on Amazon](#) for product information and support resources.
- Refer to the contact information provided in your product packaging for direct support.