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> VEVOR RV Air Conditioner 15000 BTU (Model RVACLPFDC110150H) Instruction Manual

VEVOR RVACLPFDC110150H

VEVOR RV Air Conditioner 15000 BTU

Model: RVACLPFDC110150H

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your VEVOR 15000 BTU RV Air Conditioner. This unit is designed to provide both cooling and heating for recreational vehicles, ensuring comfort in various climates. Please read this manual thoroughly before installation and use, and retain it for future reference.



Figure 1: VEVOR RV Air Conditioner providing both cooling (15000 BTU) and heating (10236 BTU) for year-round comfort.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions when installing, operating, and maintaining this appliance to reduce the risk of fire, electric shock, or injury.

- Ensure the power supply is disconnected before any installation, maintenance, or cleaning procedures.
- Installation must be performed by a qualified technician in accordance with all local and national electrical codes.

- Do not operate the unit with damaged power cords or if it has been dropped or damaged.
- Keep all vents clear of obstructions to ensure proper airflow and prevent overheating.
- Use only manufacturer-recommended replacement parts and accessories.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking. If any items are missing or damaged, contact VEVOR customer support.

- 1 x RV Air Conditioner Unit
- 1 x Accessory Kit, including:
 - 1 x Remote Control
 - 4 x Mounting Screws
 - 5 x Sealing Gaskets
 - 1 x User Manual (this document)

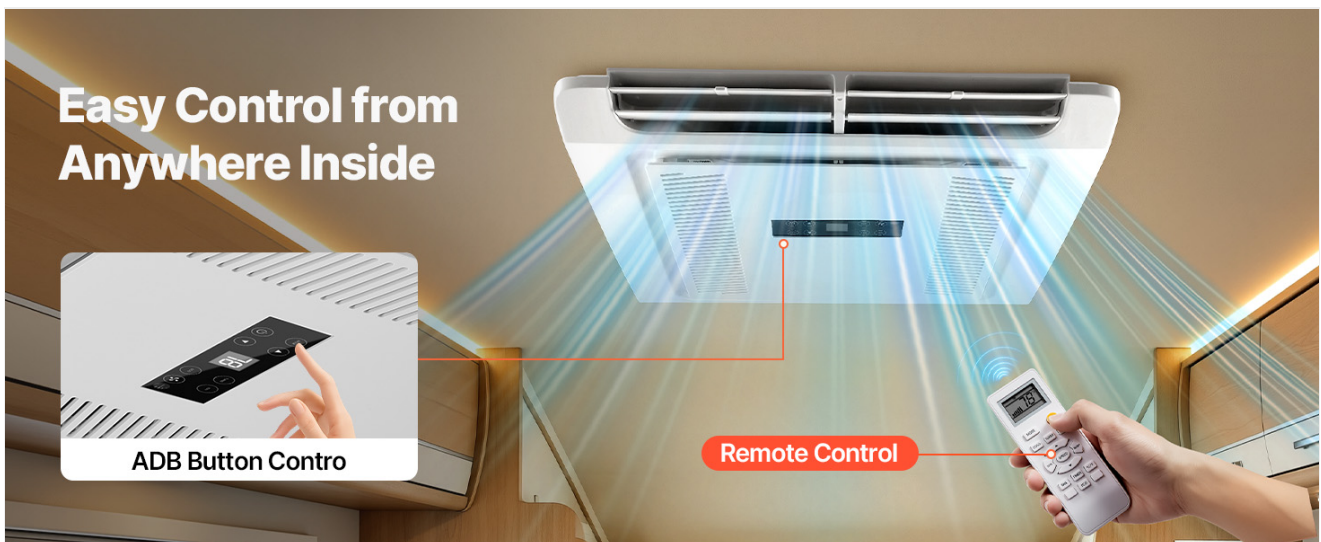


Figure 2: Included components: RV Air Conditioner unit, remote control, mounting screws, sealing gaskets, and user manual.

4. SETUP AND INSTALLATION

The VEVOR RV Air Conditioner is designed for non-ducted RV systems and fits a standard 14 1/4 x 14 1/4 inch (360 x 360 mm) roof opening. This unit features a slim, low-profile design to minimize wind resistance.

4.1 Site Preparation

- Ensure your RV roof has a standard 14 1/4 x 14 1/4 inch opening. No additional cutting should be required for standard installations.
- Verify the roof structure can support the unit's weight (approximately 95.24 lbs / 43.2 kg).
- Confirm adequate clearance around the installation area on the roof. The unit dimensions are 40.9"D x 29.7"W x 10.6"H (1040 x 755 x 270 mm).

Even Airflow Throughout Your RV

For Non-Ducted RV Systems

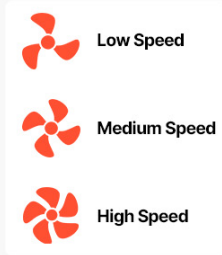


Figure 3: Unit dimensions and standard vent size for installation.

4.2 Electrical Connection

- The unit operates on 120V / 60Hz. Ensure your RV's electrical system can support this requirement.
- Properly route the wiring for the control panel to your desired location. This may involve fishing wires through walls or ceilings.

4.3 Mounting the Unit

- Carefully lift the outdoor unit onto the RV roof, aligning it with the roof opening.
- Install the sealing gaskets to ensure a watertight seal between the unit and the roof.
- Secure the unit using the provided mounting screws from the inside of the RV, through the air distribution box.
- Install the air distribution box (ADB) inside the RV, ensuring it is flush with the ceiling and properly connected to the main unit.



Figure 4: The unit is designed to fit standard RV roof cutouts for easy replacement and installation.

5. OPERATING INSTRUCTIONS

Your VEVOR RV Air Conditioner can be controlled via the integrated button panel on the Air Distribution Box (ADB) or the included remote control.

5.1 Control Panel and Remote Functions

The control panel and remote offer various functions for optimal comfort:

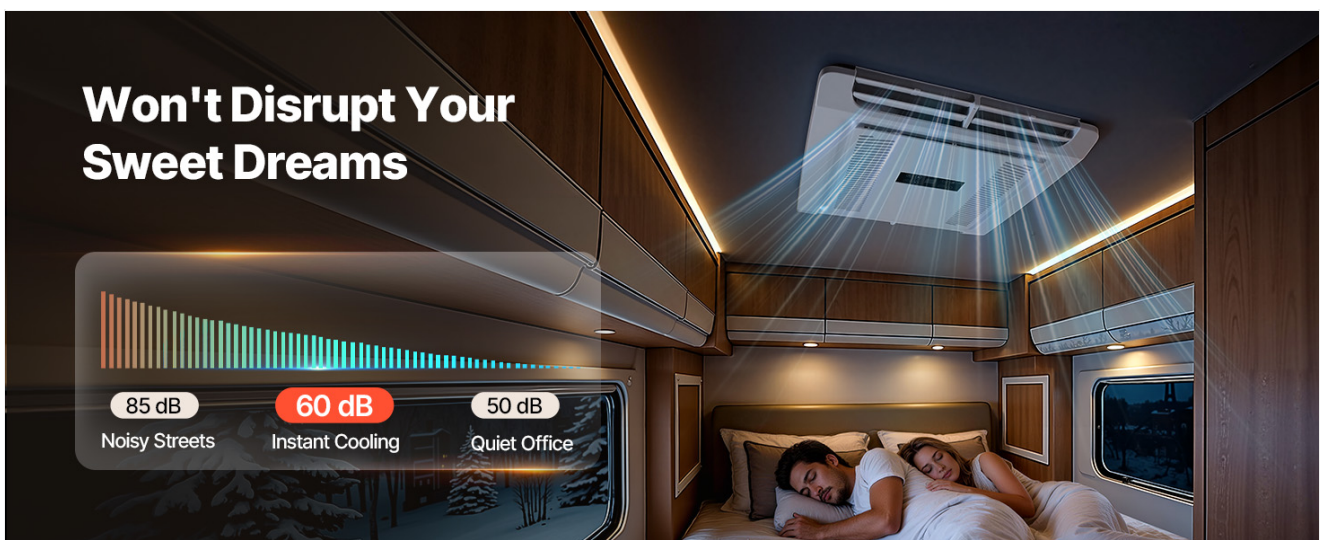
- **MODE:** Cycle through operating modes (Auto, Ion, Eco, Dry, Cool, Heat, Fan).
- **POWER:** Turn the unit On/Off.
- **TEMP UP/DOWN:** Adjust the desired temperature setting.
- **FAN SPEED:** Adjust fan speed (Low, Medium, High, Auto).
- **TIMER:** Set a timer for automatic power on/off.
- **SLEEP:** Activates sleep mode for quiet operation and energy saving.
- **TURBO:** Provides maximum cooling/heating for rapid temperature change.
- **ION:** Activates the ionizer function (if equipped).



Figure 5: Clear and easy control via the ADB button panel and remote control.

5.2 Operating Modes

- **Cooling Mode:** Provides 15000 BTU of cooling capacity.
- **Heating Mode (Heat Pump):** Provides 10236 BTU of heating capacity.
- **Auto Mode:** The unit automatically selects cooling or heating based on the set temperature and ambient temperature.
- **Eco Mode:** Optimizes energy consumption for efficient operation.
- **Dry Mode:** Reduces humidity in the RV.
- **Fan Mode:** Circulates air without cooling or heating.



5.3 Temperature Setting (Celsius/Fahrenheit)

To switch the temperature display between Celsius and Fahrenheit, press and hold the **TIMER** button on the control panel or remote control until the display changes.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your RV air conditioner.

6.1 Air Filter Cleaning

The unit is equipped with an antimicrobial air filter. Clean the air filter regularly, especially during periods of frequent use.

1. Disconnect power to the RV air conditioner.
2. Open the air distribution box cover inside the RV.
3. Remove the air filter(s).
4. Wash the filter(s) with mild soap and warm water. Rinse thoroughly.
5. Allow the filter(s) to air dry completely before reinstallation. Do not use heat to dry.
6. Reinstall the dry filter(s) and close the air distribution box cover.

6.2 Exterior Unit Cleaning

Periodically inspect and clean the exterior unit on the RV roof.

- Ensure the unit is powered off and disconnected.
- Remove any debris, leaves, or dirt from the condenser coils and fan area.
- Wipe down the outer shroud with a damp cloth. Avoid using harsh chemicals that could damage the material.

7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions. If the problem persists, contact customer support.

| Problem | Possible Cause | Solution |
|--|--|---|
| Unit does not power on. | No power supply; circuit breaker tripped; loose wiring. | Check RV power connection; reset circuit breaker; inspect wiring (by qualified technician). |
| Insufficient cooling/heating. | Dirty air filter; blocked outdoor coils; incorrect mode setting; RV too large for unit capacity. | Clean air filter; clear debris from outdoor coils; select appropriate mode; ensure RV size is within recommended coverage (172.2 sq. ft. / 16 m ²). |
| Unit is noisy. | Loose components; fan obstruction; normal operating noise. | Check for loose screws or panels; remove any fan obstructions; note that some operating noise (up to 60 dB) is normal. |
| Temperature display is in Celsius, not Fahrenheit. | Default setting or accidental change. | Press and hold the TIMER button on the control panel or remote to switch between Celsius and Fahrenheit. |

8. SPECIFICATIONS

Detailed technical specifications for the VEVOR RV Air Conditioner Model RVACLPFDC110150H.

Model Number: RVACLPFDC110150H

Cooling Capacity: 15000 BTU

Heating Capacity: 10236 BTU

Voltage & Frequency: AC120V / 60Hz

Wattage: 4400 watts

Refrigerant Type: R-32

Noise Level: < 60 Decibels

Product Dimensions (D x W x H): 40.9" x 29.7" x 10.6" (1040 x 755 x 270 mm)

Item Weight: 95.24 lbs / 43.2 kg

Recommended Coverage Area: 172.2 sq. ft. / 16 m²

Ceiling Cutout Size: 14 1/4" x 14 1/4" (360 x 360 mm)

Control Method: Push Button, Remote Control

Filter Type: Antimicrobial Air Filter

Main Materials: Plastic, Copper, Aluminum

UPC: 197988189756

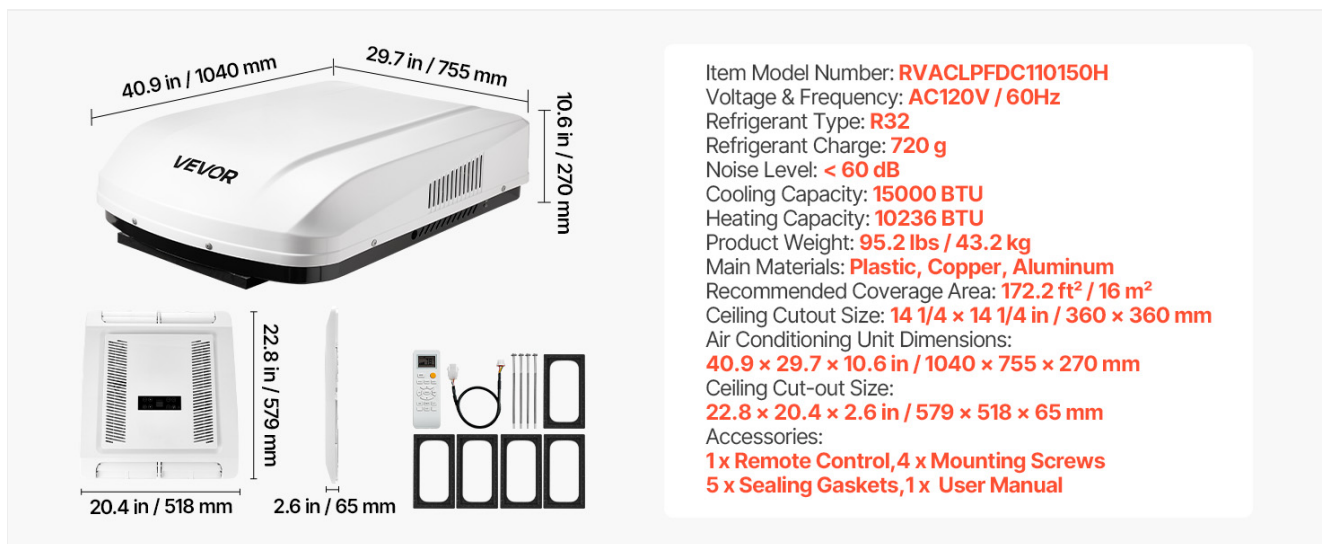


Figure 7: Comprehensive dimensions and technical specifications of the unit.

9. WARRANTY INFORMATION

For detailed warranty information, please refer to the warranty card included with your product packaging or visit the official VEVOR website. Warranty terms and conditions may vary by region and product.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue, please contact VEVOR customer support through their official website or the contact information provided in your product documentation.

