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VEVOR XMZ-L-D2

VEVOR 5KW Diesel Heater All in One

USER MANUAL

Product Overview

The VEVOR 5KW All-in-One Diesel Air Heater is a compact and efficient heating solution designed for various applications, including trucks, RVs, trailers, campers, vans, and boats. This portable unit provides fast heating, operates with low noise, and features convenient control options via a remote and an LCD screen. It is engineered for reliable performance in diverse environments, ensuring comfort during cold conditions.



Figure 1: VEVOR 5KW Diesel Heater All in One and its components.

Safety Instructions

Read all safety warnings and instructions carefully before installing and operating this diesel heater. Failure to follow these instructions may result in fire, electric shock, or serious injury.

- **Ventilation:** Ensure adequate ventilation when operating the heater to prevent carbon monoxide buildup. Do not operate in enclosed, unventilated spaces.
- **Fuel Handling:** Use only diesel fuel. Do not use gasoline or other volatile fuels. Refuel in a well-ventilated area away from ignition sources.
- **Installation:** Install the heater on a stable, non-combustible surface. Ensure exhaust pipes are properly sealed and directed away from flammable materials and living spaces.
- **Clearance:** Maintain sufficient clearance around the heater from walls, furniture, and other combustible materials.
- **Children and Pets:** Keep children and pets away from the heater during operation.
- **Overheating Protection:** The unit is equipped with overheating protection (rated for temperatures up to 518°F). Do

not block air inlets or outlets.



Figure 2: The heater features built-in overheating protection for enhanced safety.

Package Contents

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

PACKAGE CONTENT

5.9inch / 150mm



15inch / 380mm

16.1inch / 410mm



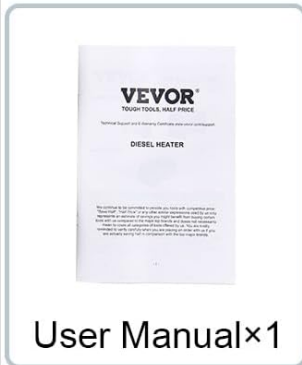
Outlet Pipe×1



Exhaust Silencer×1



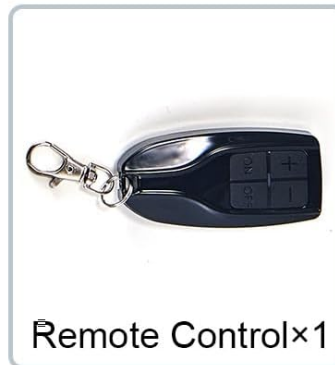
Inlet and Exhaust Pipes



User Manual×1



Air Filter×1



Remote Control×1



Installation Kit

Figure 3: Detailed view of the package contents and their dimensions.

- Air Diesel Heater Unit (with 5L/1.3 Gal Fuel Tank)
- Outlet Pipe x 1
- Exhaust Silencer x 1
- Inlet and Exhaust Pipes
- User Manual x 1
- Air Filter x 1
- Remote Control x 1
- Installation Kit (includes clamps, screws, and other necessary fittings)

Setup and Installation

Proper installation is crucial for the safe and efficient operation of your diesel heater. While this manual provides general guidance, it is recommended to consult the detailed user manual PDF (link provided in product documents) for specific installation diagrams and instructions.

1. **Choose Location:** Select a flat, stable, and non-combustible surface for the heater. Ensure there is adequate space for air circulation and exhaust routing.
2. **Fuel Connection:** Fill the integrated 5L fuel tank with clean diesel fuel. Ensure the fuel cap is securely tightened.
3. **Air Intake and Exhaust:** Connect the air intake pipe and exhaust pipe securely. Route the exhaust pipe safely away from the vehicle or living space, ensuring no fumes can enter. Install the exhaust silencer for reduced noise.
4. **Electrical Connection:** Connect the heater to a suitable 12V or 24V DC power source as specified by the product. Ensure connections are secure and properly insulated.
5. **Initial Start-up:** After installation, perform an initial start-up to prime the fuel system and check for any leaks or unusual operation.

Operating Instructions

The VEVOR diesel heater can be operated using the integrated LCD control panel or the included remote control.



Figure 4: Operating the heater using the remote control and monitoring the LCD display.

- **Power On/Off:** Press the power button on the control panel or remote to turn the heater on or off. The LCD screen will illuminate upon power-on.
- **Temperature Setting:** Use the up/down arrows on the control panel or remote to adjust the desired temperature. The heater will automatically regulate its output to maintain the set temperature.
- **Timer Function:** The timer function allows you to set a specific time for the heater to turn on or off. Refer to the detailed user manual for programming instructions.
- **Mode Selection:** Some models may offer different operating modes (e.g., automatic, manual). Use the mode button to cycle through available options.
- **Altitude Performance:** This heater is designed to work effectively at altitudes below 9843 feet (3000 meters).



Figure 5: The heater's capability to operate efficiently at various altitudes.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your VEVOR diesel heater.

- **Cleaning:** Periodically clean the exterior of the heater with a soft, damp cloth. Ensure air inlets and outlets are free from dust and debris.
- **Fuel Filter:** Check the fuel filter regularly for contaminants. Replace if necessary to ensure clean fuel supply to the burner.
- **Exhaust System:** Inspect the exhaust pipe and silencer for any blockages, damage, or leaks. Ensure all connections are secure.
- **Air Filter:** Clean or replace the air filter as needed to maintain proper airflow and combustion efficiency.
- **Storage:** If storing the heater for an extended period, drain the fuel tank and store in a dry, protected area.

Troubleshooting

This section provides solutions to common issues you might encounter. For more complex problems, contact VEVOR customer support.

Problem	Possible Cause	Solution
Heater does not start.	No power, low fuel, clogged fuel line, air in fuel system.	Check power connection, refuel, inspect fuel lines, prime fuel system.
Low heat output.	Clogged air filter, insufficient fuel, exhaust blockage.	Clean/replace air filter, check fuel level, clear exhaust.
Excessive smoke.	Poor combustion, incorrect fuel, clogged exhaust.	Ensure proper fuel, check air intake/exhaust, clean burner.
Unusual noise during operation.	Loose components, fan obstruction, worn bearings.	Inspect for loose parts, clear obstructions, contact support if persistent.

Specifications

Key technical specifications for the VEVOR 5KW Diesel Heater All in One.

Attribute	Detail
Brand	VEVOR
Model Number	XMZ-L-D2
Heating Power	5KW
Fuel Type	Diesel
Fuel Tank Capacity	5L / 1.3 Gallons
Item Weight	18.3 pounds
Product Dimensions	15 x 5.9 x 16.1 inches
Control Method	Remote Control & LCD Screen
Altitude Limit	Below 9843 ft (3000 m)

Note: Specifications are subject to change without prior notice.

Warranty and Support

VEVOR products typically come with a standard warranty. Please refer to the warranty card included with your product or visit the official VEVOR website for detailed warranty terms and conditions.

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact VEVOR customer support. You can find contact information on the VEVOR official website or through the retailer where you purchased the product.

Visit the official VEVOR store for more information: [VEVOR Store on Amazon](#)