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JEABONG JB-016

JEABONG 12V/8KW Diesel Parking Heater

Model: JB-016 | Brand: JEABONG

Introduction

This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your JEABONG 12V/8KW Diesel Parking Heater (Model JB-016). Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

Safety Information

- Ensure adequate ventilation when operating the heater to prevent carbon monoxide buildup.
- Handle diesel fuel with care and store it in appropriate containers away from ignition sources.
- Verify all exhaust and intake hoses are securely connected and routed to prevent contact with flammable materials or living spaces.
- Do not block the air intake or hot air outlet of the heater.
- Always use the specified 12V power supply.

Setup

The installation of the diesel parking heater is straightforward. It involves connecting the exhaust and intake hoses, providing a 12V power supply, and filling the fuel tank.

Basic Installation

- Connect the exhaust hose to the heater's exhaust port and route it safely away from the vehicle or structure, ensuring it does not touch any surfaces that could be damaged by heat.
- Connect the intake hose to the heater's intake port.
- Connect the heater to a stable 12V power source.
- Fill the integrated 5L fuel tank with diesel fuel.

Mounting Options

The heater can be permanently mounted to a wall or placed on a stable surface. If placed on the ground, ensure the pipes are routed to avoid contact with the floor or any burnable materials.

Fuel Tank Vent Hole Modification

The fuel tank cap has a small vent hole necessary for air exchange as fuel levels and temperatures change. For mobile applications, such as in a truck or RV, it is recommended to modify this vent hole by drilling and tapping it for a threaded adapter. This allows for a hose to be run higher, preventing diesel leaks during movement over uneven terrain.



Image: Rear view of the JEABONG diesel heater, highlighting the fuel cap and power connections.



Image: Top-down view showing the exhaust and intake hose connections on the heater.

Operating Instructions

The JEABONG diesel heater features an LCD display and remote control for easy operation.

Turning On/Off

- To turn on: Press and hold the 'On' button on the remote control or the LCD panel. The fan will start, followed by the fuel pump's characteristic ticking sound as diesel is supplied. The heater will then ignite and begin producing heat.
- To turn off: Press and hold the 'Off' button. The heater will enter a cooling cycle, where the fan continues to blow air to cool down the internal furnace before completely shutting off. This process is crucial to prevent damage from residual heat.

Adjusting Power Levels

The heater offers multiple power levels (typically 1 to 6) to adjust heat output. Use the up/down arrows on the remote or LCD panel to select your desired power level. Higher levels provide more heat but consume more fuel.

Understanding the Display

The LCD display shows various information, including current temperature (Celsius or Fahrenheit), power level, and fault codes. You can cycle through different display settings using the control buttons.





Image: Front view of the heater with its LCD display and remote control.

▶ **Watch video online**
LCD Switch Operation

Video: This video demonstrates the operation of the LCD switch, showing how to navigate through settings and view information like motherboard version, fault codes, housing temperature, supply voltage, running gear, ambient temperature, altitude, and voice switching. It also covers setting the time, adjusting gear mode, hand pump oil operation, boot operation, remote control matching, running time, and

shutdown procedures.

▶ **Watch video online**

Diesel Heater Display Video

Video: This video provides a quick overview of the diesel heater's display, showing various indicators and settings.

Maintenance

Regular maintenance ensures optimal performance and safety of your diesel heater.

- **Proper Shutdown:** Always allow the heater to complete its cooling cycle after turning it off. Forcibly cutting power during operation can lead to incomplete heat dissipation, potentially causing smoke generation and damage to internal components like the wind wheel. If this occurs, turn the unit back on and allow it to burn completely before attempting another shutdown.
- **Fuel System:** Periodically check fuel lines and connections for any signs of leaks or damage. Ensure the fuel tank vent is clear.
- **Exhaust System:** Inspect the exhaust pipe and muffler for blockages or damage. Ensure exhaust gases are safely directed away from occupied areas.
- **General Cleaning:** Keep the heater's exterior clean and free from dust and debris to ensure proper airflow.

Troubleshooting

If you encounter issues with your heater, refer to the following common troubleshooting tips:

- **Failure to Start in Extreme Cold (-40°C):** In extremely low temperatures, the furnace may be too cold to ignite properly, leading to a shutdown. Pre-warming the heater with an external heat source (e.g., a small propane heater) for a short period can help it start successfully.
- **Error Codes:** The LCD display may show error codes (e.g., E06 for fan motor issues). Consult the detailed product manual or manufacturer's support for specific error code interpretations and solutions.
- **No Heat Output:** Check the fuel level, ensure the 12V power supply is adequate, and verify that the fuel lines are not clogged or air-locked.
- **Excessive Smoke:** This can be caused by improper shutdown, leading to unburnt fuel. Ensure the cooling cycle completes fully. If the issue persists, check for blockages in the exhaust or intake.

Specifications

Heating Power	8KW
Rated Voltage	12V
Operating Temperature (Heater & Oil Pump)	-40℃ ~ +50℃
Fuel Tank Capacity	5L
Product Dimensions	38.99 x 14 x 14 cm
Item Weight	8.8 kg
Altitude Module	Automatic adjustment up to 5,000 meters
Country of Origin	China



Image: Side view of the heater with key dimensions.



Image: Illustration of wide application scenarios for the diesel heater.

Warranty and Support

Specific warranty details and direct support contact information are not available in the provided product data. Please refer to your purchase documentation or contact the retailer for warranty claims and technical assistance.

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