Pro-Tech TOOLS

9kW 12V diesel heater with indirect combustion



Instructions for use

Translation of the original instructions

Please read these instructions before using the heater. Keep the manual in a safe place after reading.

Dear Customer,

Congratulations on purchasing this heating appliance. It is easy to operate. However, certain rules must be followed. Please read the contents of this manual before use. Follow the explanations and instructions carefully. Pay particular attention to the safety instructions.

Once you have read this user manual, please keep it in a safe place.

When the heater is in operation, ensure that the heated room is adequately ventilated. Also, remember to maintain a minimum distance of 2.5 m from objects that may catch fire.



READ THE OPERATING INSTRUCTIONS CAREFULLY BEFORE USE!



PROTECT FROM MOISTURE!



WARNING: EXPLOSION HAZARD!

Warning!

1. Do not put fuel of unknown origin into the heater.

2. Do not use aerosols (sprays) in the room where the heater is in use. Gas escaping from the aerosol can during use may cause a fire or explosion.

3. NEVER use the heater in an area where there are particles of flammable materials or flammable dust, such as: paper particles, wood dust, or fibre residues. If such materials come into contact with the heater, this may result in flammable particles being ejected from the heater and causing a fire.

4. Do not block the heater's air inlets and outlets. Risk of fire.

5. Do not make any modifications to the appliance yourself. This may cause malfunctions and a fire.

6. Do not expose the appliance to rain or snow, and do not use it in conditions of high humidity. Disconnect the unit from the mains before servicing or testing.

CLEANING AND MAINTENANCE

1. Keep the appliance clean. Remove dust regularly. At least once a year, ask a service technician to carry out cleaning/maintenance. Use compressed air and a soft, damp cloth for cleaning.

2. The manufacturer should service the appliance at least once a year.

3. If the appliance is not going to be used for a long time: unplug it from the mains; drain any remaining fuel from the tank and pipes; fit the tank cap to protect it from contamination; place the heater in a clean plastic bag; store it in a clean, dry place out of the reach of children. Before using it again, ensure that the fan is working properly and that there is no flammable debris inside.

Warning: Do not unscrew the heater. Only the manufacturer's service department is authorised to do so. Do not clean or service the appliance whilst it is still hot or whilst it is in operation. The above activities may only be carried out when the appliance is disconnected from the gas supply or mains electricity. Otherwise, there is a risk of electric shock or burns.

- When disposing of packaging, separate paper/cardboard, plastic and other materials, which should be placed in recycling bins.
- Before disposing of the product at the end of its service life, contact the manufacturer or follow the instructions of local cleaning or environmental organisations.
- The WEEE marking indicates the need for separate collection of waste from electrical and electronic equipment; products bearing this marking must not be disposed of with other waste.
- Such products may be harmful to the environment and human health, which requires special methods of processing, recovery, recycling and disposal.

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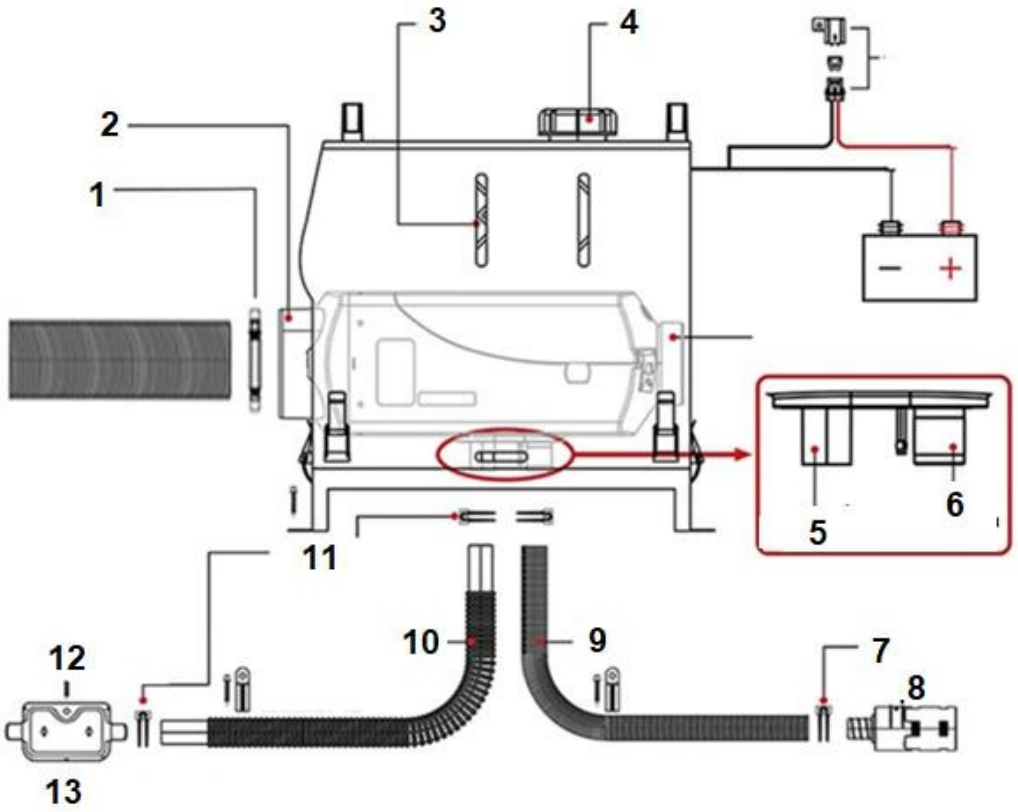


If you intend to dispose of this product, do not throw it away with normal household waste. Under the WEEE Directive (Directive 2002/96/EC) in force in the European Union, used electrical and electronic equipment must be disposed of separately.

Harmful substances contained in the equipment may have adverse effects on the environment as well as on human and animal health.

Find a collection point in your town where you can safely dispose of electrical waste.

When the heater is switched on for the first time, a specific odour may be emitted from the heating elements and insulation. This is normal.



1. Hose clamp
2. Air outlet
3. Fuel gauge
4. Fuel tank
5. Exhaust port
6. Air intake
7. Hose clamp
8. Air filter
9. Air intake duct
10. Vent pipe
11. Hose clamp
12. Screw
13. Silencer

The air inlet and the ventilation duct must not face in the same direction.

1. On this product, the red lead is positive and the black lead is negative. Connect the positive lead to the positive terminal and the negative lead to the negative terminal. Reverse connection is not permitted.

2. When using this product for the first time, it is necessary to pump diesel for approximately 2 minutes. Fill the fuel line with diesel; otherwise, bubbles will form in the line and the engine will not start.

3. The length of the cable connected to this product should be approximately 2 metres. If the length of the connected cable exceeds 2 metres, use a copper cable with a cross-sectional area of 2 mm^2 or a copper cable with a cross-sectional area greater than 2 mm^2.

4. This product uses high-octane diesel fuel; therefore, do not use lower-grade diesel fuel, as this would cause carbon deposits, resulting in ignition failure and a shortened service life of the machine.

5. This product must not be used in enclosed spaces. It is prohibited to bend the air outlet or exhaust pipe, and the air outlet must not be blocked. Ensure that there are no objects behind the unit's fan and that they do not block the air intake.

6. Do not switch off the power supply whilst the product is in use or when it is switched off.

7. During installation, the rear panel must be securely sealed against the vehicle to prevent exhaust fumes from entering the cabin through any gaps and causing injury to the driver.

8. When installing the air heater, the exhaust pipe should be routed outside and the flue pipe should be kept away from flammable materials to prevent a fire.

9. The exhaust pipe outlet must not face the direction of travel.

10. Do not touch the flue pipe whilst the heater is in operation and take care not to burn yourself on the hot flue pipe.

11. During the summer months, when the heater is not in use, it should be switched on for approximately 10 minutes each month.

12. When the heater is nearing the end of its service life, it should be tested. Check the oil circuit thoroughly to ensure that the oil pipe connections are not loose and that there are no problems with ageing of the oil pipe.

Before use, check the openings of the heating air duct, combustion air duct and exhaust pipe; clean them if necessary and remove any dust and dirt from the machine. After a test run, check that there are no diesel leaks at the connections in the diesel circuit.