

Tornado DV

Direct fired oil heater



Operating Instructions & Safety Guide

ANDREWS
HEAT FOR HIRE

HIRE SALES SERVICE INSTALL

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General Safety

- This equipment should only be used by a competent person who has read and understood these instructions.
- Check condition of equipment before use. If unit is showing any signs of damage contact your supplier immediately.
- Never operate this equipment if you are ill, feeling tired or under the influence of alcohol or drugs.
- Keep all vents and grilles clear of obstructions.
- Keep children and animals away from electric powered equipment. Never leave them alone when the unit is in use.
- Make sure equipment is switched off and unplugged after use.

Electrical Safety

- This unit is dual voltage and can be used via a standard domestic 13 amp 230 volt power supply or 110 volt site voltage.
- ENSURE THE VOLTAGE SELECTOR SWITCH IS IN THE CORRECT POSITION BEFORE CONNECTING TO ANY ELECTRICAL SUPPLY.
- Always inspect plugs and power cables for damage before plugging into power supply.
- DO NOT USE IF ANY DAMAGE IS FOUND.
- Ensure cables are installed so as not to cause a hazard.
- If an extension lead is used, ensure it is of the correct standard and fully uncoiled before use.
- Cables must not be laid in wet or damp areas.
- Do not move equipment while operating.
- Do not pull equipment by the power lead.
- It is recommended that the electrical supply to this equipment is protected by an RCD

Getting started and operation

Fig 1

Position equipment on level ground.
Position away from any possible flammable materials.

Do not use within any zoned or hazardous areas.

Direct fired oil heaters require permanent ventilation to the outside atmosphere, it's recommended to allow 6.5 cm² for every 293W of heat input.

Set dual voltage selector switch to required site voltage.



Fit correct plug to suite selected power supply voltage.

110 volt BS4343 16 amp Yellow plug.
230 volt BS 1363 13 amp domestic plug
top or BS4343 16 amp Blue plug.



Fig 2 : Fill Fuel Tank.

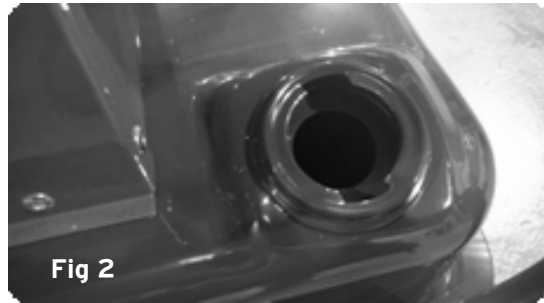


Fig 3: Connect remote thermostat if required.



Fig 4: Connect to and switch on electrical supply.
Switch on main switch fig 4, mains indicator light will illuminate.



Switch heat /vent switch to heat position. Burner will start, when the combustion chamber has reached operating temperature the main fan will start.

Do not disconnect the heater from the power supply while the heater is running as this will cause damage to the machine.

Fig 5: To turn off the heater set the heat/vent switch to the neutral position, the burner will turn off, the main fan will continue running to cool the combustion chamber and then stop automatically.

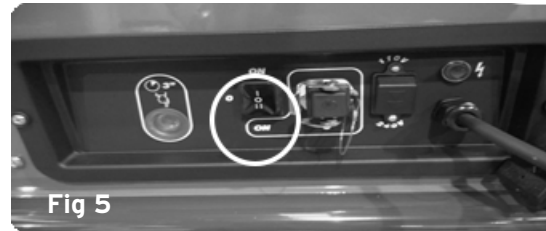


Fig 6: If the heater is allowed to run out of fuel the lockout light will illuminate.

Replenish fuel supply and press re-set button



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