

FH 111 DV Heater



Operating Instructions & Safety Guide

ANDREWS
HEAT FOR HIRE

0800 211 611
andrews-sykes.com

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 grills 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 socket or 110volt power supply.
- 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 to prevent hazards.
- 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.
- Do not position heater with flue gas outlet near open windows or combustible materials.
- Keep at least 1 metre away from building walls.
- Set dual voltage selector switch to required voltage. Remove burner protection panel.



Fig 2

- Remove dual voltage switch locking plate.



Fig 3
Set rocker switch to required voltage.



Fig 4
Turn voltage locking plate 180° and refit screws, refit burner cover plate



Fig 5
Connect fuel supply line

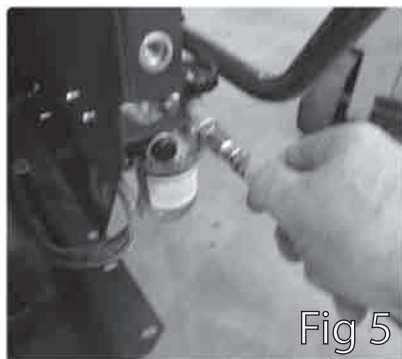


Fig 6
Remove protective cover and fit flue gas exhaust pipe (1 metre) onto the outlet flue gas supply spigot



Fig 7
Fit flexible warm air supply duct if required. Maximum 24 mts x 450mm dia.

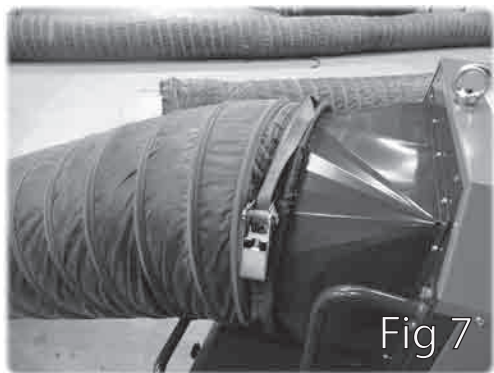
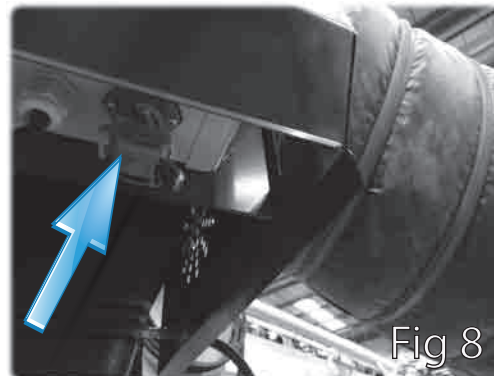


Fig 8
Connect remote thermostat if required.



Fit correct plug type 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.



Connect to and switch on electrical supply. Turn selector switch to :

- Position 0 off.
 - Position 1 fan only
 - Position 2 Automatic operation.
- Burner will fire; when the combustion chamber has reached operating temperature main fan will start.
- Position 3 Manual operation, burner and fan start simultaneously.

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

To turn off the heater set the switch to position 0. The heater will cool down and stop automatically.



This heater is fitted with a voltage protection device. If the supply voltage is higher or lower than required, the machine will shut down and the red warning light will illuminate.