



The NV Range

Users Instructions

WARNING: THIS APPLIANCE MUST BE EARTHED

£1.00 When supplied separately.

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1. Checks before lighting the Air Heater

The following preliminary checks should be made before lighting the heater(s)

- a) Ensure that the ELECTRICAL supply to the heater is switched OFF.
- b) Check that all warm air delivery outlets are open.
- c) Check that the thermostat is set at MAX.
- d) Check that the clock control is set to an ON period.
- e) Check that any other controls are calling for heat.
- f) Ensure that the Summer/Winter switch is in the Winter position.
- g) Check that the overheat reset button has not operated.

2. Lighting the Air Heater

NOTE:

On initial lighting of the heater(s), it may take some time to purge the internal pipework of air. If it is not possible to light the heater after several attempts contact the local service company.

1. Switch on the electrical supply at the isolator and the start up sequence will commence. The internal exhaust fan will run. When sufficient combustion airflow is proved by the air pressure switch the ignition spark will be generated and the main gas valves energized. The burners will then light.
2. If the burners fail to light the control box will go to lockout and the lockout light on the low level remote reset will be illuminated. To restart the ignition sequence depress the reset button on the low level reset.

If the unit will not light after four or five attempts then shut down the unit and call in a service engineer.

3. To Shut Down the Air Heater

- 3.1 For Short Periods: Turn the room thermostat to the OFF or lowest setting.
- 3.2 For Long Periods: Complete step 3.1 above. Wait for 5 minutes and then turn OFF the electrical supply at the isolator.

4. Description of Operation

Important: All heaters must be controlled by the fitted external controls and not by use of the main switch in the electrical supply to the heater.

4.1 Standard Units

The ignition sequence will commence each time that the external controls e.g. Timeclock, room thermostat etc. call for heat. Approximately 2 minutes after the main burners light the heater fan will be automatically started. When the external controls are satisfied the main burners will be turned off and approximately 2 - 3 minutes later the heater fan will be automatically stopped.

4.2 High / Lo & Modulating Units

When the main burners are alight the heat output will be controlled either to high fire or low fire or, in the case of modulating units, to any point between high and low fire; depending on the requirements of the space being heated and the external controls fitted.

4.3 Summer / Winter Modes

Certain types of external controls will provide for two modes of operation i.e.

Summer: The heater fan alone will run at the dictate of the external controls to provide air movement.

Winter: The heater will operate normally.

5. Maintenance

Regular servicing is essential to maintain efficient, reliable and safe operation of the heater. Users are strongly recommended to have the heater serviced by a qualified person at least annually and preferably at the end of the heating season.

6. IMPORTANT

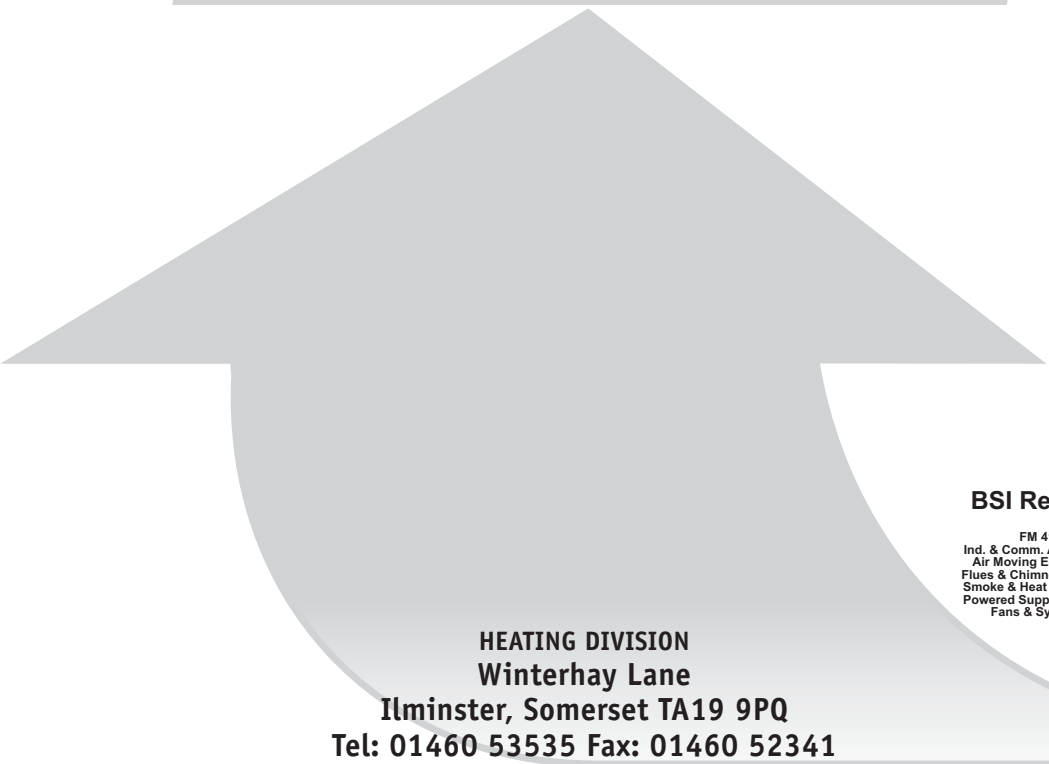
Free access must be maintained to and around the heater for servicing purposes and the air supply to the heater must not be restricted in any way. Combustible materials must not be stored adjacent to the heater.

If at any time a gas leak is suspected turn OFF the gas supply - DO NOT USE A NAKED FLAME - and contact the local gas undertaking immediately.

Gas Safety (Installation & Use) (Amendment) Regulations

It is law that all gas appliances are installed, adjusted and, if necessary, converted by qualified persons* in accordance with the current issue of the above regulations. Failure to install appliances correctly can lead to prosecution. It is in your own interests and that of safety to ensure that the law is complied with.

* e.g. Corgi Registered



BSI Registered Firm

FM 414
Ind. & Comm. Air Heaters;
Air Moving Equipment;
Flues & Chimneys; Natural
Smoke & Heat Ventilators;
Powered Supply & Extract
Fans & Systems.

ISO 9001

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