



CE

The PAG Range

Users Instructions

WARNING: THIS APPLIANCE MUST BE EARTHED

£1.00 When supplied separately.

PAG Issue 3 December 1997

1. Checks before lighting the Air Heater

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

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

2. Lighting the Air Heater

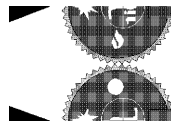
NOTE: On initial lighting of the heater(s), it may take some time to purge the internal pipework of air. If it is not possible to light the heater after several attempts contact the local service company.

2.1 PAG 60 - 100

NOTES:

- When attempting to light the pilot at any time ensure that the mains electricity supply is switched off.

- Remove the middle front panel.

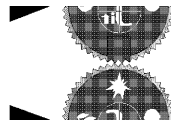


- Press the knob of the multifunctional control (*Fig.3a - 1*) and rotate to **Pilot**.

3. Light the pilot flame by pressing the piezo unit button, located on the heater frame at the right hand side, several times, keeping the multifunctional control knob depressed. The pilot flame may be viewed through the sight glass on the front of the unit.

4. Once the pilot has been established continue pressing the control knob for approximately 30 seconds and then slowly release. The pilot should remain alight.

WARNING: Should the pilot be extinguished at any time, either intentionally or unintentionally, slightly depress the control knob and rotate clockwise to Off. Wait 3 minutes before attempting to relight the gas, then repeat steps 3-5 above.



- Slightly depress the control knob and turn to **On**.

7. Switch on the electricity supply at the isolator, and the main burners will light.

8. SHUT OFF

To interrupt all gas flow through the multifunctional control slightly depress the control knob and rotate clockwise to **Off**.



CAUTION

The restart interlock device prevents the heater from re-igniting until the flame supervision device has interrupted the gas flow. After waiting 3 minutes the heater may be relit by following the previous instructions.

2.2 PAG 200

- Turn on the gas service valve.
- Switch on the electrical supply at the isolator and the ignition sequence will commence. After a delay of approximately 30 seconds the ignition spark will be generated and the main gas valves energized. The burners will then light.
- If the burners fail to light the control box will go to lockout

and the lockout reset switch at the right hand side of the heater will be illuminated. To restart the ignition sequence press the reset switch.

4. SHUT OFF

Switch OFF the electrical supply to the heater or set the clock control to OFF or set the room thermostat to MIN.

3. To Shut Down the Air Heater

3.1 **For Short Periods:** Turn the room thermostat to OFF or the lowest setting.

3.2 **For Long Periods:** Turn the room thermostat to OFF or the lowest setting, slightly depress the control knob and rotate clockwise to **Off**. Wait approximately 4-5 minutes for the main air fan of the heater to stop running and the turn off the gas and electric supplies to the heater.

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 PAG 60 - 100

With the permanent pilot alight the main burners will be switched on and off by the fitted external controls e.g. Timeclock, room thermostat etc. 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 PAG 200

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.

4.3 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. Limit Control

In the event of a fault that causes the temperature of the air leaving the air heater to rise significantly e.g. Blocked air inlets, the limit thermostat will operate to shut down the burner. Remove the cause of the fault, wait 10 minutes and then reset the thermostat by pushing the green reset button located on the right hand side of the heater. If the limit thermostat continues to operate turn off the air heater and call a service engineer.

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) Regulations 1994

It is law that all gas appliances are installed, adjusted and, if necessary, converted by qualified persons* in accordance with 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



HEATING DIVISION
Winterhay Lane
Ilminster, Somerset TA19 9PQ
Tel: 01460 53535 Fax: 01460 52341