JETMASTER (PTY) LTD

600, 700, 850 and 1050 Gas Grate

(with logs or coals)

Operating Instructions

Established 1951

Jetmaster

User's Instructions

10. General

This fire is intended for decorative purposes. Any purpose provided ventilation should be checked regularly to ensure that it is free from obstruction. This fire should be serviced regularly by an authorised person.

It is recommended that a guard be used for the protection of young children, the elderly or infirm. A vacuum cleaner may be used to clean the appliance.

DO NOT throw rubbish etc. upon the coals or otherwise disturb the fuel bed. Debris from any source or soot formed should be removed from time to time. See "Cleaning Instructions".

DO NOT place articles on or against this appliance.

DO NOT use or store flammable materials near this appliance.

The pilot light and flame sensing device fitted to this fire is also an atmospheric sensing device which shuts off both the main burner and pilot if evacuation of the combustion products is interrupted. **If the fire shuts itself off, do not use the fire and have the flue and fire checked by an authorised person.**
Due to the newness of materials the fire may give off a slight smell for a period of time after commissioning. This is quite normal and any odours should disperse after a few hours operation.

Warning Notes

Properly installed and operated this appliance will not leak gases. Persistent fume emission must not be tolerated. If fume emission does exist, then the following steps should be taken:

1 Open doors and windows to ventilate room.

2 Turn the fire off.

3 Check for flue blockages and clear if necessary.

4 Do not attempt to re-light the gas grate until the cause of the emission has been identified and rectified. Should assistance or advice be required contact your nearest agent.

11. Lighting the Fire: 600 & 700 Gas Grates

The positions of the control valve are depicted on the control panel fitted around the control knob.

If the main burner or pilot light are extinguished for any reason do not attempt to re-light the pilot within three minutes.

The off position is self explanatory – preventing any gas from passing through the control valve to either the pilot burner or to the main burner.

By pressing the control knob in it is possible to turn it anti-clockwise. The first function is to turn on the gas to the pilot, this occurs just before reaching the pilot position. (If the fire has not been lit for some time it may be necessary to hold the knob in this position for some seconds to clear the air from the pipe and allow gas to reach the pilot burner). Once gas is available at the pilot, continual rotation anti-clockwise will cause the piezo ignitor to spark. This is accompanied by a click at the valve, and should result in the pilot burner igniting. This should be verified by looking at the left-hand side of the fire tray, behind the front coal piece.

Once the pilot is lit the control knob should continue to be pressed in for 10 – 20 seconds. In this time the pilot flame will have heated the flame supervision thermocouple sufficiently to operate a hold on the magnet within the valve. The knob should then be turned so that the pointer is approximately horizontal. This allows gas at a low rate to enter the burner and be ignited by the pilot flame. Once the fire has fully cross lit, allow approximately 15 seconds at this setting to allow the flame to fully establish before setting to any level between Maximum and Minimum by adjusting the control knob accordingly.

To turn off the main burner, turn the control to MIN – press the knob gently until it will turn clockwise to the pilot position. To turn off the pilot press knob and turn to off.

If burnback occurs underneath the burner, turn control knob to the off position. Then re-light the fire. If this problem re-occurs switch off unit and call your gas installer.

Thus the sequence is:

To Light

1 From off press the control knob in and turn slowly anti-clockwise.

2 When the ignition click occurs, check that the pilot is lit (if not repeat 1 & 2).

3 Hold knob in for 10 – 20 seconds.

4 Release knob and check pilot remains alight.

5 Turn knob until pointer is horizontal. The fire should then ignite.

6 Let fire fully cross ignite and allow approximately 15 seconds.

7 Adjust flames to required level without pressing knob.

To Extinguish

1 Turn control knob clockwise to minimum position.

2 Press knob gently until able to continue turning clockwise to pilot.

3 To extinguish the pilot, press knob and turn to off, although it is in order to leave the pilot permanently lit.