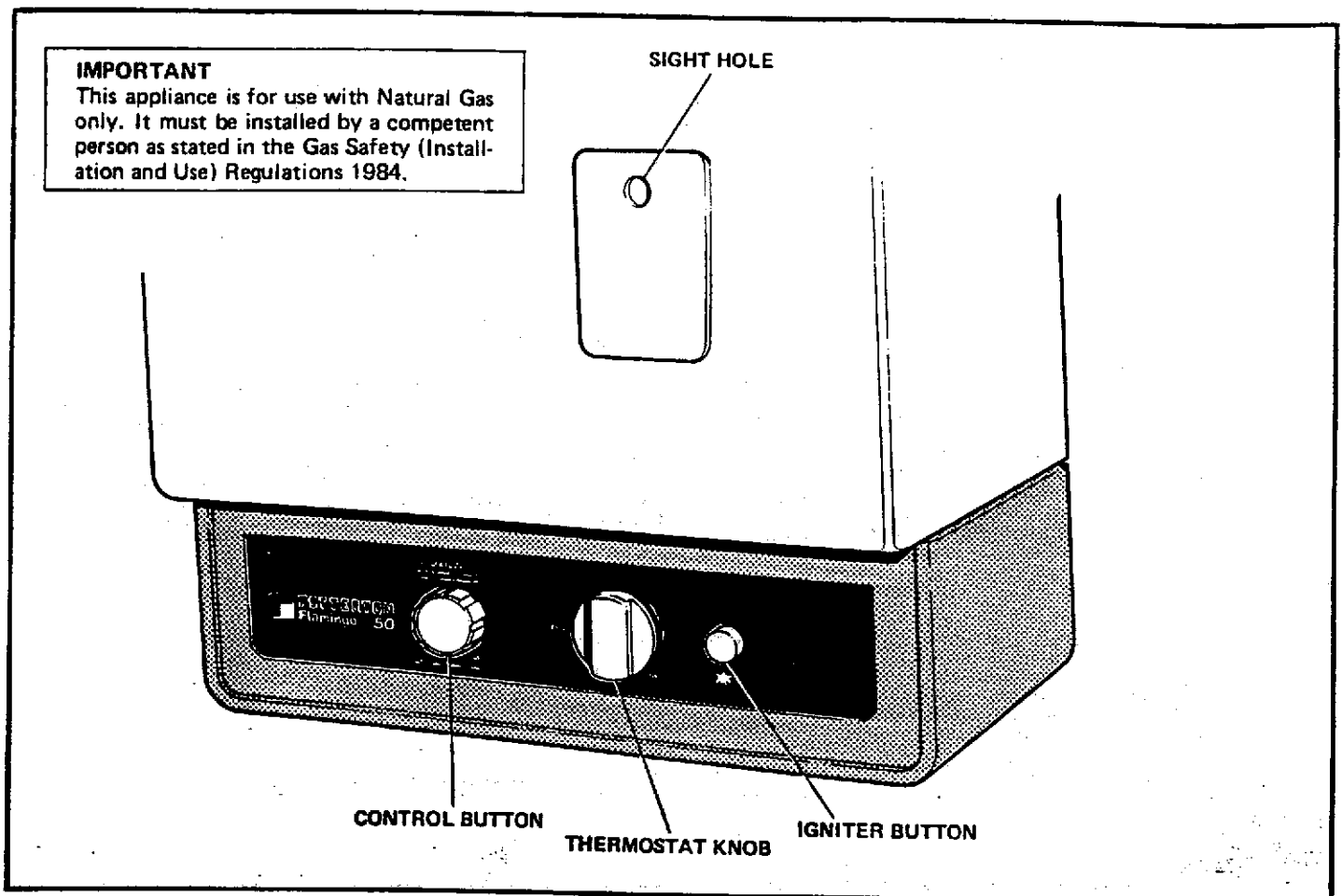


POTTERTON Flamingo CF50



IMPORTANT

This appliance is for use with Natural Gas only. It must be installed by a competent person as stated in the Gas Safety (Installation and Use) Regulations 1984.

INTRODUCTION

The information given on this card will help you to obtain the maximum comfort from your boiler with the minimum trouble and cost. Your boiler is fully automatic in operation and requires very little attention apart from setting the thermostat. Regular servicing of the boiler will ensure that it operates efficiently at all times and further information on this subject is given at a later stage.

THE BOILER THERMOSTAT

The boiler thermostat enables you to control the temperature of the water as it leaves the boiler and it is also used for turning the boiler off and on. The thermostat knob can be set to OFF, Min, 1, 2, 3, 4, or Max. The graduations Min. to Max., correspond approximately to a temperature range of 55°C to 82°C (130°F to 180°F).

During the summer months when the boiler is only being used to supply domestic hot water and there is no independent hot water temperature control, the thermostat can be set to position 1 or 2 which will probably be hot enough for bathing or washing up requirements. For washing clothes, a higher setting may be necessary.

In winter weather when central heating is required, the thermostat knob can be turned higher but it must be remembered that unless the temperature of the water in the domestic hot water tank is independently controlled, the stored hot water could be at a temperature that could scald.

OTHER CONTROLS

A Potterton EP2000/3000 Programmer or other time control may have been fitted in your system, together with room and/or cylinder thermostat. Full instructions on the use of these controls should be supplied with them.

LIGHTING THE BOILER

- Check that the main electricity supply to the boiler is switched on and that the boiler thermostat is in the off position.
- Ensure that the time control, if fitted, is in an on condition, and that the room and/or cylinder thermostats where fitted, are set to high temperatures.
- Turn the control button clockwise as far as possible (approximately 1/12th of a turn) and release it.
- Press and hold in the control button, then press in the igniter button until a click is heard. Release the igniter button but continue to hold in the control button and check through the sight hole, that the pilot has lit; hold in the control button for a

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further 20 seconds, then release it and the pilot should remain alight.

NOTE: If the pilot fails to light or goes out at any time, immediately turn the control button clockwise as far as possible (approximately 1/12th of a turn) then release it and wait three minutes before repeating the procedure. The control button should not be touched during this period.

- E. Turn the boiler thermostat on and to a high setting and the main burner will light.
- F. Set the boiler thermostat and the room and/or cylinder thermostat(s) and time control, where installed, to their required operating conditions.

TO SHUT THE BOILER OFF

- 1. **Temporarily:** Switch off the time control. Where no time control is fitted, turn the boiler thermostat to off. To relight the boiler, simply switch on the time control or boiler thermostat.
- 2. **For longer periods:** Turn off the time control if fitted, turn off the boiler thermostat then turn the control button clockwise as far as possible (approximately 1/12th of a turn) and release it. Switch off the main electricity supply. To relight the boiler follow the full procedure "LIGHTING THE BOILER".

IMPORTANT

Gas and electricity are required to operate your boiler. It will not be affected by normal variations in gas or electricity supply, but a gas failure will put the boiler out of operation and it should be re-lit in the normal manner. In a case of a failure of the electrical supply, the boiler will relight automatically when the supply is restored, provided the time control is in an on period.

In the event of your boiler not working, there are several checks you should carry out before calling in a service engineer as this could save you unnecessary expense.

- 1. Check that the gas, electricity and water are all turned on at the main supply.
- 2. Check that the time control, if fitted, is in an on period.
- 3. Check that all thermostats in the system are not on low settings.

Having checked these points, run through the lighting sequence once more and if the boiler still fails to light, call in your local service engineer.

CARE OF YOUR BOILER AND SYSTEM

Regular skilled servicing is required to keep your boiler operating at a high efficiency throughout its long working life. Certain small parts e.g. pilot filter, injector etc., have a limited life and these can be quickly and inexpensively replaced during servicing. It is also advisable to have the whole heating system checked over annually so that excessive costs are not incurred by such things as air temperature thermostats or radiator valves getting out of adjustment. Servicing should be carried out by a trained service engineer, and it is suggested that an annual contract be arranged. Contact your local Potterton Regional Service Office who will be able to offer a service contract.

FROST PRECAUTIONS

If your boiler has to be shut down for several hours or more during very cold weather, it may be in danger of freezing due to its position as it may be in an outhouse, or part of the pipework may be vulnerable to frost.

To avoid freezing, three methods of protection can be used:-

- 1. Insulation of the boiler & pipework taking care not to impede any ventilation air supply.
- 2. Completely draining the water system when the boiler is not in use for a long period.
- 3. Having a low limit thermostat fitted. Seek advice from your installer.

If a low limit thermostat has been fitted, it cannot operate if the boiler is completely shut down and the electricity supply turned off. In this instance, the system will have no protection and one of the other methods must be used.

If no protection against frost is provided, it may be necessary to run the boiler at times when it would normally be shut off.

INSULATION

Today, most people are aware of the need of good house insulation, particularly in the roof space. When installing a heating system, it is important to remember that draughts remove warmth that is needed indoors. All ill-fitting external doors and window frames should be suitably weather stripped, and unused fireplaces panelled or otherwise closed (do not seal completely or trouble may arise through damp). If you intend to keep a fireplace in use, make sure that it is of the restricted flue type. It is a good plan to consult your installer about these points; if they are not attended to, your heating costs may well be higher than you anticipate.

Potterton International Limited Portobello Works, Emscote Road, Warwick

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South Western/Midland Regional Service Office
Southern Regional Service Office
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"All descriptions and illustrations contained in this leaflet have been carefully prepared but we reserve the right to make changes and improvements in our products which may affect the accuracy of the information contained in this leaflet"

POTTERTON
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Care of your Potterton equipment

This Potterton appliance is fully automatic in operation, requiring no attention from you apart from setting the controls. Your installer will assist you by explaining their adjustment and this instruction card provides a permanent reminder for the future.

Regular skilled servicing is essential for reliable and economical running. By arranging for maintenance now you will avoid the inconvenience and unnecessary expense of failures.

Service would be most conveniently carried out by a Potterton Service Engineer or one of our Approved Service Contractors. These engineers are fully conversant with the design and installation of all central heating equipment. By completing and posting the attached card, you will be sent full details of the recommended service requirements.

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MAINTENANCE

PLEASE SEND ME A SCHEDULE FOR
COMPLETE CENTRAL HEATING MAINTENANCE

Owner's Name and Address

..... Telephone No.

INSTALLER