

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. Although virtually trouble free, regular servicing of the boiler will ensure that it operates efficiently at all times. 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° to 85°C (130° to 185°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 up 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 i.e. about 85°C (185°F).

OTHER CONTROLS

A Potterton Mini-Minder time control or other type of clock may have been fitted in your system, together with room and/or cylinder thermostats. Full instructions on the use of these controls should be supplied with them.

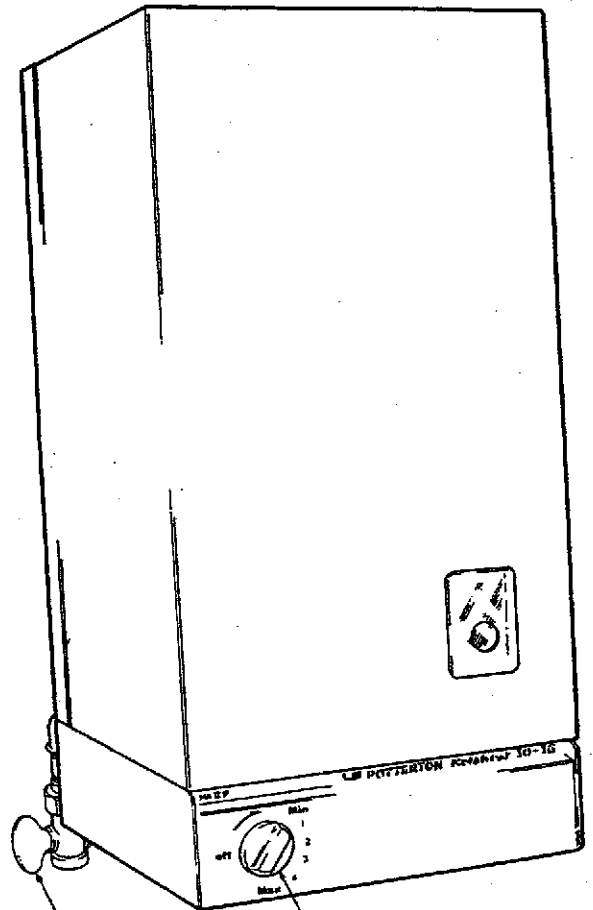
TO LIGHT

First ensure that:-

1. The boiler thermostat knob is at 'OFF'.
2. The main gas cock is turned off.
3. The main electricity supply is switched off at the isolating switch or plug and socket located outside the boiler.
4. The Mini-Minder or other time control, if fitted, is in an on period: refer to the time control literature.
5. Any room or cylinder thermostats fitted are at a high temperature.

Proceed as follows:-

1. Turn on the main gas cock.
2. Turn on the main electricity supply at the main isolating switch or plug and socket.
3. Turn the boiler thermostat on and to the required setting and after about 45 seconds, the boiler will light; the main burner can be seen through the sight glass on the front of the boiler.



Main Gas Cock

Thermostat Knob

4. Set the time control and any thermostats, where fitted, to their desired settings.

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 off the main gas cock and main electricity supply. To relight the boiler, follow the full procedure "TO LIGHT".

CUT HERE

AFFIX
STAMP
HERE

Customer Service Department,
Potterton International Limited,
Brooks House,
Coventry Road,
Warwick.

POTTERTON
user's
guide

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 or electricity failure will put the boiler out of operation. It will automatically restart when the supply is restored, provided that the time clock and/or thermostats are in an on position.

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 an annual service contract for the whole system.

When your boiler has been serviced, it is a good idea to check with the engineer, that the following have been attended to:-

1. That the flueways have been cleaned.
2. That the main and pilot burners have been cleaned.
3. That the fan has been cleaned.

4. That the boiler has been tested and the gas pressure correctly set.
5. That the Mini-Minder, if fitted, has been lubricated.

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 and pipework taking care not to impede any ventilation air supply.
2. Completely draining the water system when the boiler is not to be used 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 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.

WARNING: THIS BOILER MUST BE EARTHED AND INSTALLED IN ACCORDANCE WITH GAS SAFETY REGULATIONS 1972.

"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"

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.

Publication No. 558800/0680

CUT HERE

MAINTENANCE

PLEASE SEND ME A SCHEDULE FOR COMPLETE CENTRAL HEATING MAINTENANCE

Owner's Name and Address

.....

..... Telephone No.

INSTALLER

Size and Type of Boiler **NETAHEAT MKIIF**

..... Date Installation Completed

CUT HERE

SALES INQUIRIES:

Sales Department
Eastern Avenue
Team Valley Trading Estate
Gateshead
Tyne & Wear
NE11 0PG

Tel: 0191 4917500
Fax: 0191 491 7568

SERVICE INQUIRIES:

Service Department
Brooks House
Coventry Road
Warwick
CV34 4LL

Tel: 01926 496896
Fax: 01926 410006

SPARES INQUIRIES:

Parts Division
Queensway
Leamington Spa
Warwickshire
CV31 3RG

Tel: 01926 880640
Fax: 01926 880680

TECHNICAL HELPLINE:

Technical Department
Brooks House
Coventry Road
Warwick
CV34 4LL

Tel: 01926 410044
Fax: 01926 410006

TRAINING ADMINISTRATION

Unit 5
Titan Business Centre
Spartan Close
Tachbrook Park
Leamington Spa
Warwickshire
CV34 6RS

Tel: 01926 430481
Fax: 01926 882971

"All descriptions and illustrations contained in this catalogue 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 catalogue"

O POTTERTON