

GAS FIRED STOVES

INSTALLATION AND SERVICING INSTRUCTIONS

(To be left with customer)

MONTROSE MKIII

TURNBERRY

VISTA

DRAGON

500 SERIES



1. TECHNICAL INFORMATION

MONTROSE MKIII & 500 SERIES		
GAS	NATURAL GAS	PROPANE
CATEGORY	I ₂ H	I ₃ P
HEAT INPUT (GROSS)	5.4kW	4.6kW
SUPPLY PRESSURE	20 mbar	37 mbar
INJECTOR SIZE	320	130
GAS CONNECTION	8mm O.D. Tube	8mm O.D. Tube
GAS CONSUMPTION	.52m ³ /h	0.17m ³ /h

TURNBERRY, VISTA & DRAGON		
GAS	NATURAL GAS	PROPANE
CATEGORY	I ₂ H	I ₃ P
HEATING (GROSS)	6.98kW	6.5kW
SUPPLY PRESSURE	20 mbar	37 mbar
INJECTOR SIZE	440	190
GAS CONNECTION	8mm O.D. Tube	8mm O.D. Tube
GAS CONSUMPTION	.67 m ³ /h	.24 m ³ /h

2. IMPORTANT NOTES

This stove is a fuel effect radiant convector.

Before installation ensure that the local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible.

The data label is located underneath the base of the stove.

The installation must be in accordance with these Instructions and National Regulations and must be carried out by a qualified installer.

Any flue damper plate or flue restrictor must be removed or fixed permanently in the fully open position, or shall only be fitted in accordance with National Regulations.

If the chimney has previously been used to burn

solid fuel, the chimney should be swept before the stove is installed.

Before the stove is installed a flue test in accordance with National Regulations should be carried out.

The gas connection must be in accordance with National Regulations.

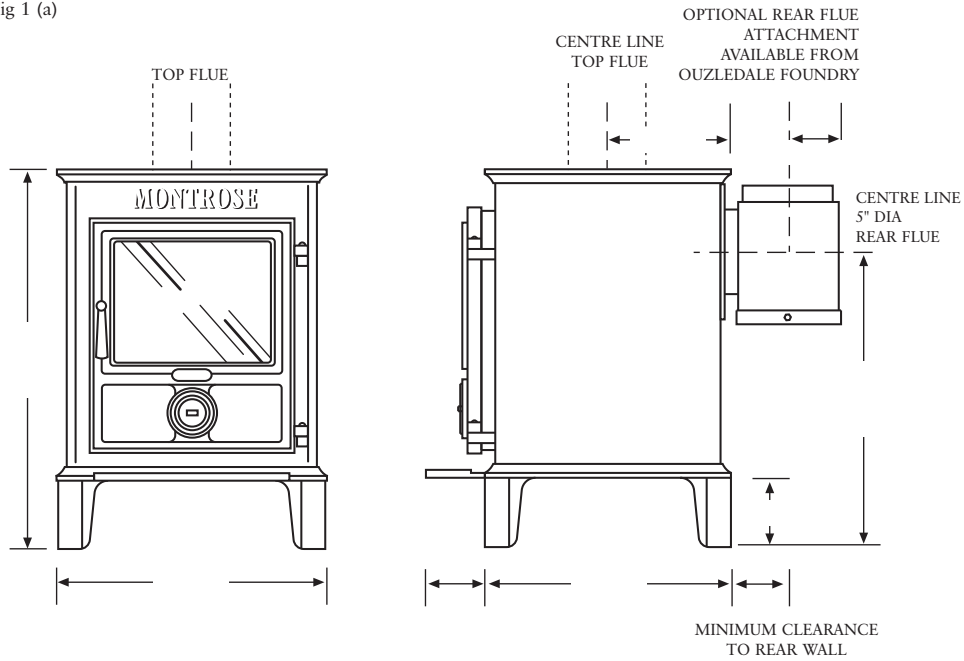
The stove is fitted with a spillage monitoring system consisting of a thermal switch connected to a thermocouple interrupter. This system is not adjustable, and must not be put out of action.

If any parts of the spillage monitoring system require replacement only original manufacturers parts must be used.

All surfaces except the control knob are considered to be working surfaces.

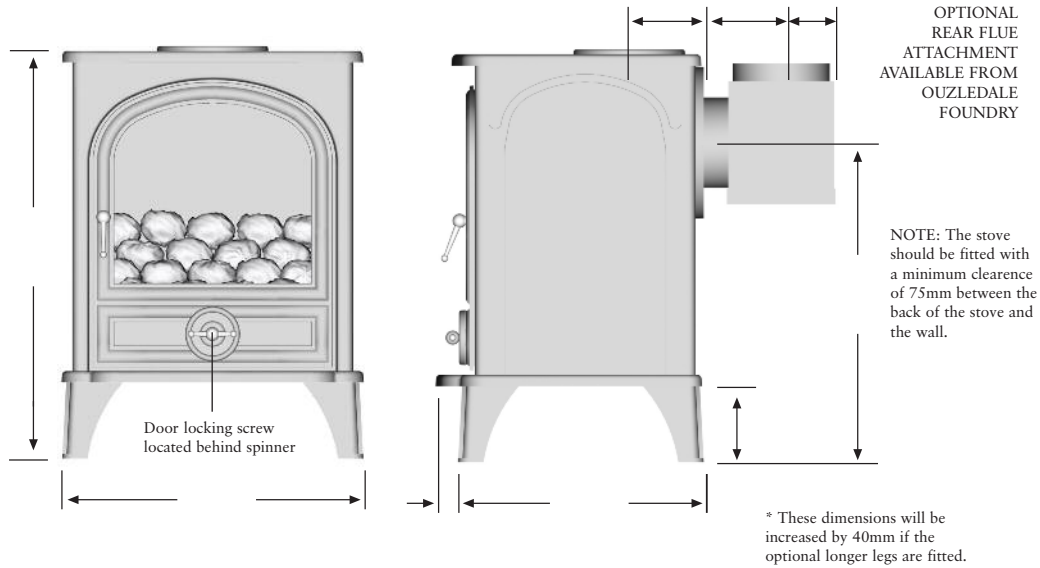
MONTROSE MKIII DIMENSIONS

Fig 1 (a)



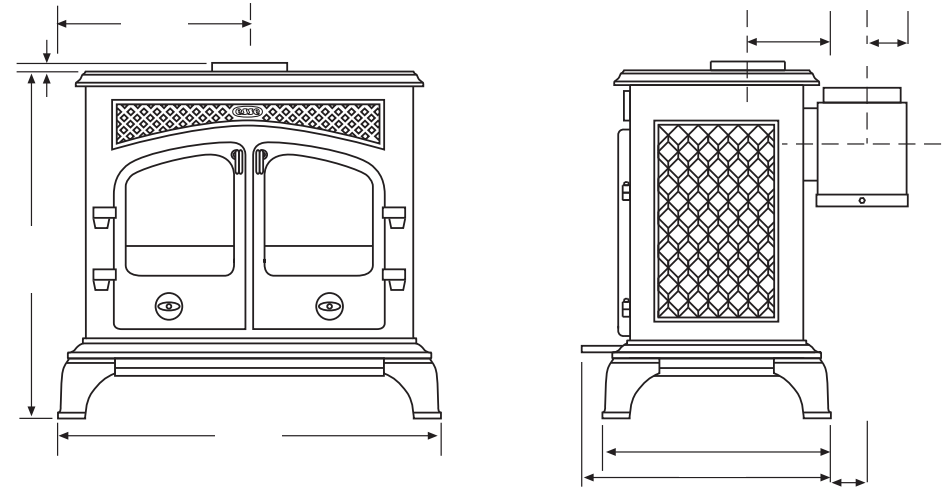
500 SERIES DIMENSIONS

Fig 1 (b)



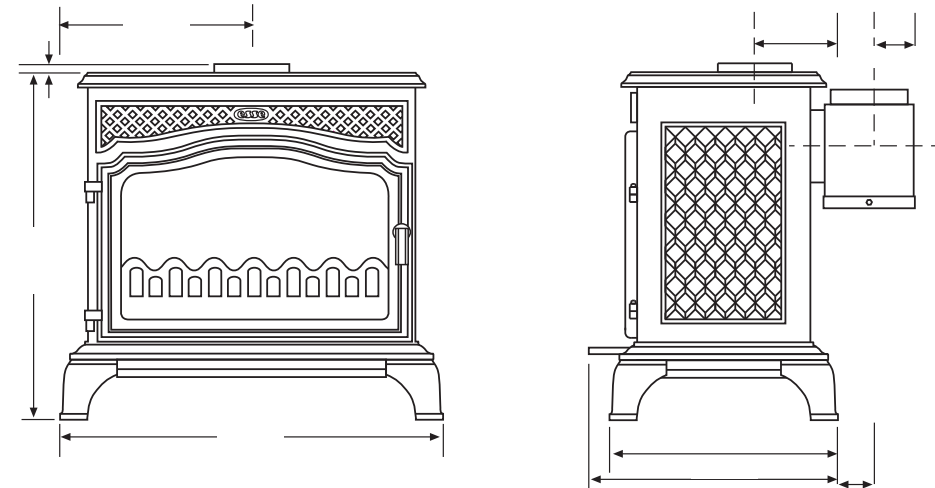
TURNBERRY DIMENSIONS

Fig 1 (c)



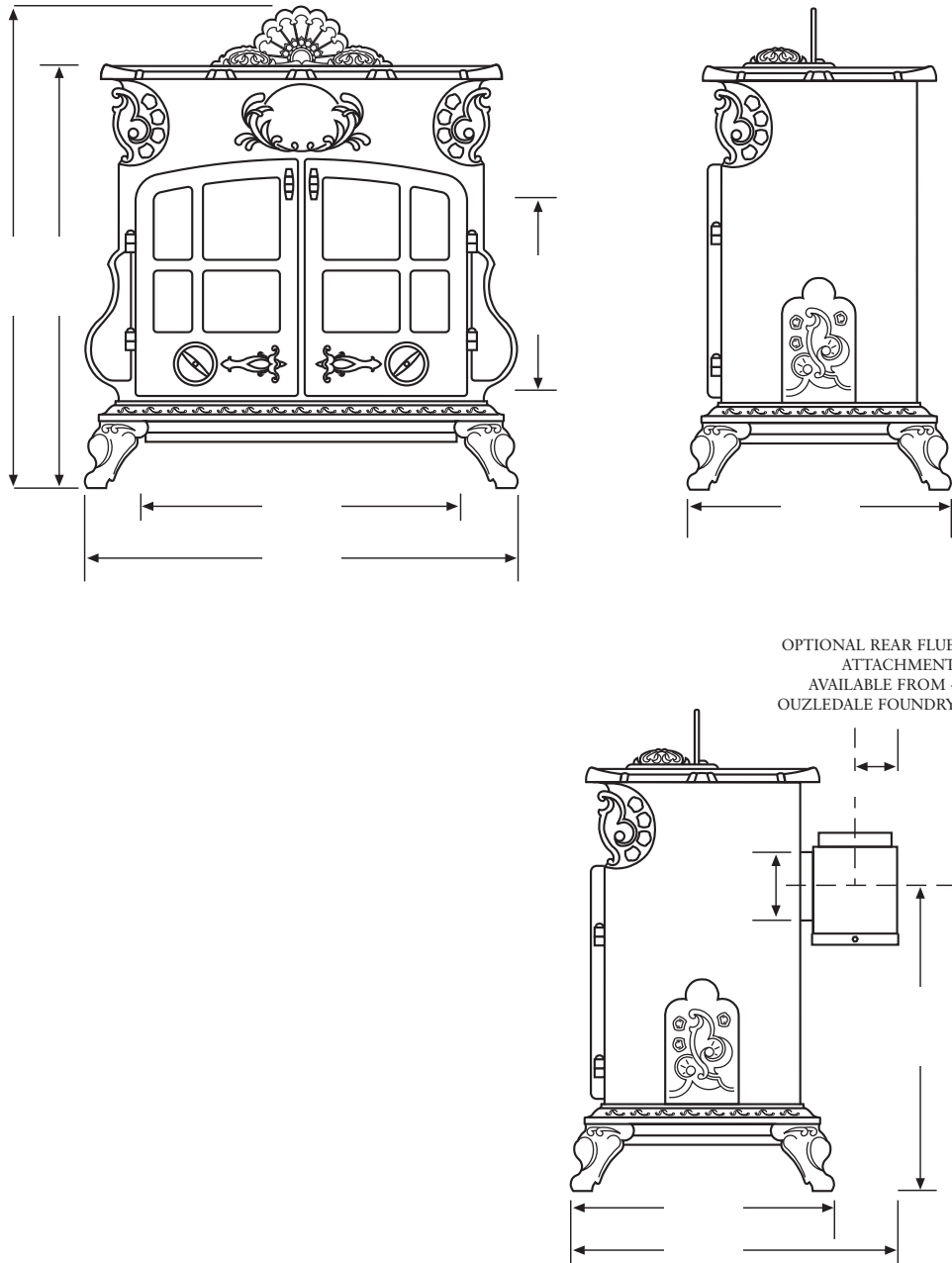
VISTA DIMENSIONS

Fig 1 (d)



DRAGON DIMENSIONS

Fig 1 (e)



3. INSTALLATION

Install the stove in accordance with the requirements given below. If a concealed gas connection is to be made prepare the pipework prior to installing the stove.

(i) SITING THE STOVE

The stove can be installed in any adequate area suitable for solid fuel fires and stoves. Clearances from non-combustible material in the fireplace opening must be at least 50mm on the left side, 150mm on the right hand side and 75mm at the back. These distances must be extended to a minimum clearance of 610mm from any combustible material.

Hearth

The stove must stand on a fireproof hearth made of non-combustible material of minimum thickness 12mm and be of sufficient size to accommodate the stove. (See Fig 1).

Fire Surround & Shelves

It is recommended that a fire surround should not be closer than 610mm from the stove, if manufactured from a combustible material. A combustible shelf may be fitted provided that it is not more than 150mm deep and there is at least 610mm clearance from the top of the stove.

(ii) FLUE CONNECTION

The flue should be at least 3m high and at least 125mm diameter or equivalent area. Horizontal or negative gradients in the flue pipe should be avoided.

It is recommended that a minimum height of 610mm from the stove should be established before any significant change in the direction of the flue.

An optional rear flue attachment is available as an accessory from the manufacturer. (See Fig 1).

(iii) VENTILATION

Ventilation should be in accordance with National Regulations. In the United Kingdom purpose provided ventilation is not normally required.

(iv) GAS CONNECTION

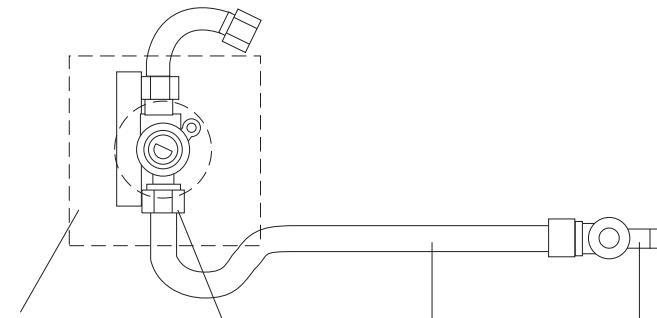
The gas supply connection is at the right hand side of the stove (see Fig 2).

A nut and olive (strapped to the valve body), tail pipe and a pressure test elbow are supplied with the stove for easy connection.

The gas supply should incorporate a service tap, be purged and any loose matter removed.

Connect the gas supply pipe and check for gas soundness.

Fig 2



4. POSITIONING THE COALS MONTROSE MKIII & 500 SERIES

Remove the screw securing the door handle and open the stove door. On the 500 series the securing screw is located behind the spinner.

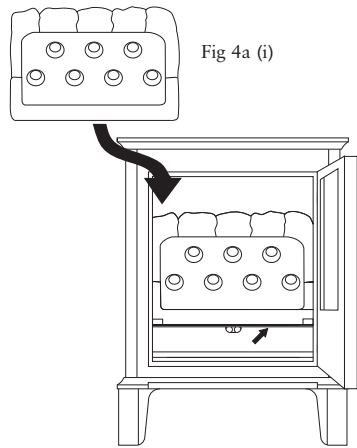
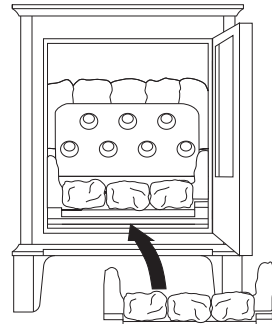


Fig 4a (i)

Fig 4a (ii)



Position the front coal piece under the flame strip. ensure that the pilot hole and flame strip are not obstructed.

Position the back board onto the burner tray ensuring it is correctly seated behind tab 'A' and that the flame strip is not obstructed.

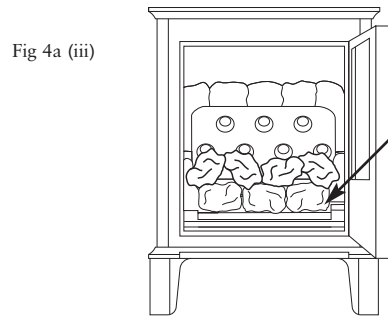


Fig 4a (iii)

Lay 4 coals as shown.

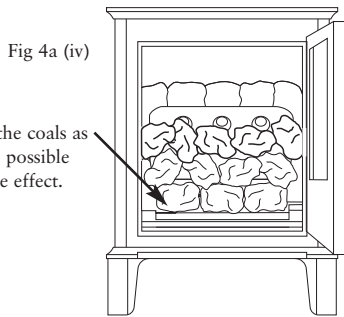


Fig 4a (iv)

Lay a second row of 5 coals.

Note: Place the coals as randomly as possible for best flame effect.

Lay the thirteen coals supplied as shown. Do not add any extra logs or coal. Do not force coals down between the spacers on the backboard, or between the back board and front coal piece. Close the stove door. Replace the screw securing the door handle. On the 500 series replace the door securing screw and the spinner. Under no circumstances should the stove be operated with the door open, without the door attached or the glass door damaged.

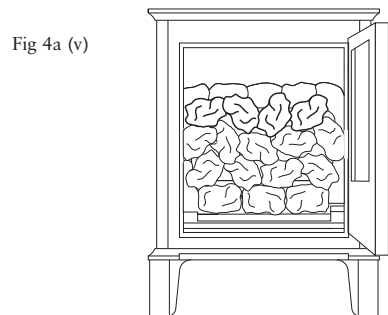


Fig 4a (v)

Lay a third row of 4 coals.

4. POSITIONING THE COALS TURNBERRY, VISTA & DRAGON

If fitted, remove the screw securing the door handle and open the stove door(s)

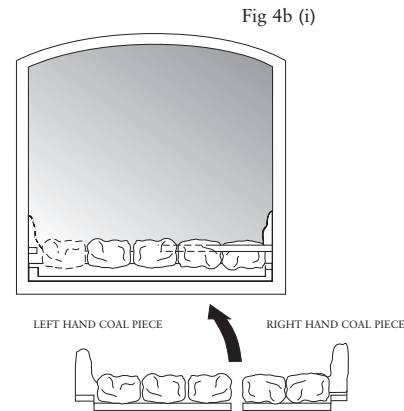


Fig 4b (i)

Position the front right hand and left hand coal pieces under the flame strip and in front of tab - 'A' ensure that the pilot hole and flame strip are not obstructed.

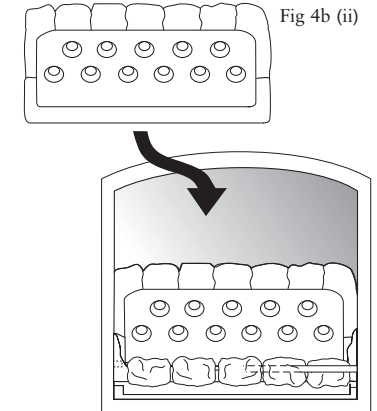


Fig 4b (ii)

Position the back board onto the burner tray ensuring it is correctly seated behind tab 'A' and that the flame strip is not obstructed.

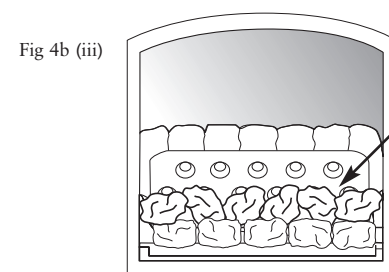


Fig 4b (iii)

Lay 6 coals as shown.

Note: Place the coals as randomly as possible for best flame effect.

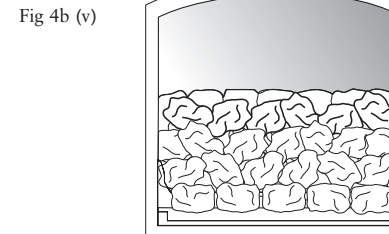


Fig 4b (v)

Lay a third row of 6 coals.

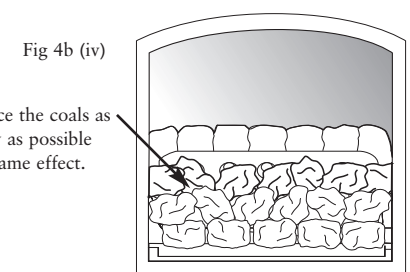


Fig 4b (iv)

Lay a second row of 7 coals.

Lay the nineteen coals supplied as shown. Do not add any extra logs or coal. Do not force coals down between the spacers on the backboard, or between the back board and front coal piece. Close the stove door. If fitted, replace the screw securing the door/s handle. Under no circumstances should the stove be operated with the door/s open, without the door attached or the glass door/s damaged.

5. COMMISSIONING THE STOVE

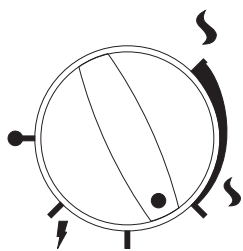
The stove is fitted with a pilot light, piezo spark and flame-sensing device.

The control knob is located behind the right-hand foot of the stove.

The pilot light is centrally located behind the front coal/log piece.

Should the stove be extinguished for any reason wait 3 minutes before re-ignition is attempted.

Connect a suitable pressure gauge to the pressure test point.



(i) Lighting The Pilot

Depress control knob fully. Whilst depressed turn knob slowly through 90° anti-clockwise to 'PILOT' setting. A click will be heard and the piezo spark should light the pilot. Repeat until pilot is visibly lit. If necessary the operation of the spark can be viewed by temporarily opening the front door.

Keep knob depressed at this point for 10 - 15

seconds and release the knob.

The pilot light will remain lit.

(ii) Low Setting

If the pilot is not already lit, light the pilot as described in (5i).

With control knob at 'PILOT' setting, depress and turn anti-clockwise to 'LOW' setting and release the knob.

(iii) High Setting

If the stove is not already lit on 'LOW' setting, ignite stove to 'LOW' setting as described in (5i) and (5ii).

Turn the control knob anti-clockwise until the 'HIGH' setting is reached. Check that the supply pressure is in accordance with that given in the TECHNICAL INFORMATION section.

(iv) Turning The Stove Off

From any heat setting, depress control knob fully and turn clockwise to 'PILOT' position.

Disconnect the pressure gauge, replace the test point sealing screw and test for gas soundness.

(v) Turning The Pilot Off

From any heat setting or the 'PILOT' position, depress control knob fully and turn clockwise to 'OFF' position.

If there is a fan in a nearby room the spillage test should be repeated with the fan running and all connecting doors between the stove and the fan left open.

If in doubt disconnect the appliance and seek expert advice.

6. CHECK FOR SPILLAGE

Close all doors and windows in the room containing the appliance. Light the stove and turn the control knob to 'HIGH'. Leave the appliance for 5 minutes.

Apply a smoke match along the bottom edge of the draught diverter. The installation is satisfactory if the smoke is drawn into the stove. If in doubt wait a further 10 minutes and then repeat the test.

7. CUSTOMER BRIEFING

Hand these Instructions and the Users Instructions to the customer.

Advise the customer how to use the stove. Point out that the Operating Procedure is in the Users Instructions.

Explain to the customer that the stove has a flame failure and spillage monitoring system. Point out the explanation of this system is in the Users Instructions.

Advise that if the monitoring system repeatedly shuts off the stove, it should be switched off and a specialist consulted.

Advise that if the fire goes out for any reason, wait at least three minutes before re-lighting.

Advise the customer that the stove should not be used at a lower setting than the 'LOW' position.

Advise the customer that due to the newness of materials the stove 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.

Stress that no extra coals or logs must be added over and above those supplied with the appliance and that any replacements must only be authorised Ouzledale spares.

Recommend that the stove is regularly serviced and the flue system checked by qualified persons.

8. SERVICING INSTRUCTIONS

The stove is fitted with a spillage monitoring system consisting of a thermal switch connected to a thermocouple interrupter. This system is not adjustable and must not be put out of action. If any parts of the spillage monitoring system require replacement only original manufacturers parts must be used.

The thermal switch rating is 120°C. Quote this rating if ordering a new switch.

i The following servicing procedure should be carried out regularly and only by a qualified person.

Ensure that the fire is turned off and is cold.

ii If fitted, remove the screw securing the door handle and open the stove door. On the 500 series the securing screw is located behind the spinner.

iii Remove the coals, back board and front coal piece in the reverse order to that described in (4) POSITIONING THE COALS.

iv Remove any deposition of dirt, lint etc. carefully from the burner flame strip, tray and pilot assembly with a soft brush.

v Remove the pilot lint arrester and clean with a soft brush if necessary.

Replace the pilot lint arrester.

vi Due to the intense temperatures reached in the fire, some surface cracks may appear on the ceramic components. This is quite normal and will not affect the safe operation of the fire.

Replace the front coal piece, back board and coals as described in (4) POSITIONING THE COALS.

vii Close the stove door, replace the screw securing the door handle or door.

viii Check the supply pressure as described in (5) COMMISSIONING THE STOVE.

ix Ensure correct operation of the flue as described in (6) CHECK FOR SPILLAGE.



THE AUTHENTIC ORIGINAL SINCE 1854

www.ouzledale.co.uk

Ouzledale Foundry Co. Limited, Long Ing, Barnoldswick, Lancashire BB18 6BN
Tel: 01282 813235 Fax: 01282 816876 Email: esse@ouzledale.co.uk