

IDEAL W2000

December, 1987

RS 30, RS 40, RS 50 & RS 60 CF 40, CF 50 & CF 60

Wall Mounted Gas Boilers

User's Instructions


CAUTION:

To avoid the possibility of injury during the OPERATION or cleaning of this appliance, then care should be taken when handling sheet steel components.


Ideal W 2000**G. C Appliance No.**

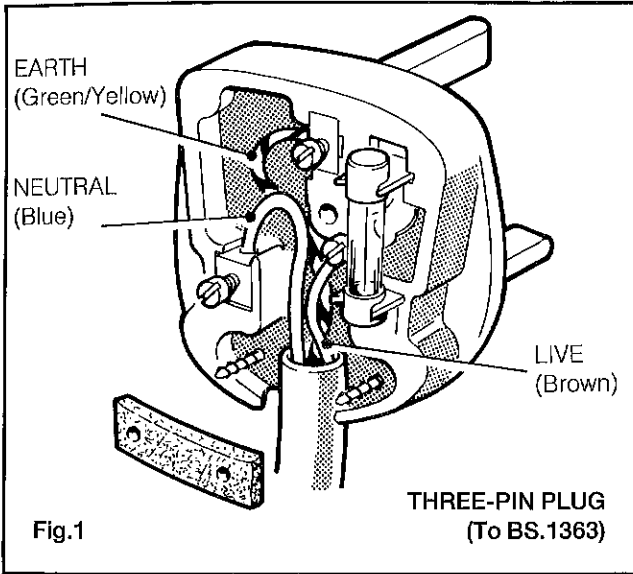
RS 30	41 415 87
RS 40	41 421 20
RS 50	41 415 88
RS 60	41 415 89
CF 40	41 421 21
CF 50	41 421 40
CF 60	41 421 41

Stelrad  **Ideal**

The Gas Safety (Installation and Use) Regulations: 1984
Impose certain statutory obligations on gas users. Further information may be obtained on application to the Gas Region.
It is the law that all gas appliances are installed by competent persons e.g. CORGI (identified by ) in accordance with the above regulations.
Failure to install appliances correctly could lead to prosecution. It is in your own interest, and that of safety, to ensure that the law is complied with.

ELECTRICITY SUPPLY

If a mains plug is used it MUST be a 3-pin type, wired as shown in Fig.1 and fused at 3 A.
The appliance MUST be efficiently earthed.
As the colour of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:-
The wire which is coloured GREEN and YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol  or coloured GREEN or GREEN and YELLOW.
The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.
The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.



MINIMUM CLEARANCE AROUND THE BOILER

BOILER SIZE	SIDES mm (in)	FRONT mm (in)	TOP mm (in)	BOTTOM mm (in)
RS 30, RS 40 RS 50, RS 60	25 (1)	450 (17 3/4)	100 (4)	100 (4)
CF 40, CF 50 CF 60	25 (1)	450 (17 3/4)	150 (6)	100 (4)

CF BOILERS ONLY:

A minimum clearance of 25 mm (1 in) at the sides and 150 mm (6 in) at the top and 100 mm (4 in) at the bottom, MUST ALWAYS be maintained between the appliance and nearby objects on the wall, to ensure the correct operation of the diverter.

IT IS ESSENTIAL TO COMPLY WITH THE ABOVE REQUIREMENTS.

IMPORTANT:

THIS APPLIANCE MUST NOT BE OPERATED WITHOUT THE CASING CORRECTLY FITTED AND FORMING AN ADEQUATE SEAL.

If the boiler is installed in a compartment it MUST NOT be used for storage purposes.

The ventilation provided for the boiler during installation MUST NOT be blocked and a check should be made periodically that the ventilation areas are free from any obstruction.

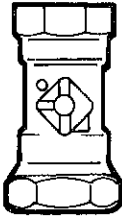
If it is known or suspected that a fault exists on the boiler it MUST NOT be used until the fault has been corrected by a competent person.

It is ESSENTIAL that the instructions in this booklet are strictly followed for safe and economical operation of the boiler.

TO LIGHT THE BOILER

1. Check that the electricity supply to the boiler is OFF.
2. Open the controls access door by hinging downwards.
3. Ensure the gas inlet cock (I) is OPEN.

Gas cock is shown in the OPEN position



4. Ensure the boiler thermostat knob (D) is in the OFF position.
5. Slide the gas control knob (A) to the RIGHT until resistance is felt and then release it. WAIT for three minutes.
6. Push in the gas control knob (A) and hold it depressed. Push in and release the ignitor button (E) repeatedly, until the pilot flame can be seen through the sight glass (B). When the pilot has lit, continue to press in the gas control knob for a further fifteen seconds.
7. Should the pilot go out at this, or any other stage, slide the gas control knob (A) to the RIGHT. WAIT for three minutes and then repeat instruction (6), but wait for longer than fifteen seconds before releasing the gas control knob (A).
8. Switch ON the electricity supply to the boiler and check that all external controls e.g. room thermostat, etc., are ON.
9. Turn the boiler thermostat knob (D) to position 6 and the boiler will light. Set the boiler thermostat to the desired setting.
10. Close the controls access door.

In full winter conditions, i.e. central heating and domestic hot water, the thermostat should be positioned at setting 5 or 6. For summer conditions i.e. domestic hot water only, the thermostat should be positioned at setting 3.

However these settings are offered for general guidance only and other settings may be found preferable, dependent upon the type of system installed, or as recommended by the Installer.

Approximate flow temperatures for the boiler thermostat settings are:

Knob Setting	Flow Temperature	
	°C	°F
1	54	130
2	60	140
3	66	150
4	71	160
5	77	170
6	82	180

TO SHUT DOWN THE BOILER

1. **For short periods:**
Turn the boiler thermostat knob to OFF.
When heating is again required, restore the knob to its original settings.
2. **For longer periods:**
Turn the boiler thermostat knob to OFF and slide the gas control knob (A) to the right until resistance is felt, and then release it to extinguish the pilot burner.
Switch the electricity supply to OFF.

WARNING:

If no frost protection is provided and frost is likely during a short absence from home, leave the heating controls at a reduced temperature.
For longer periods, the entire system should be drained, including the domestic water supply.
If the system includes a frost thermostat, then during cold weather, the boiler should be turned OFF at the time switch(es) ONLY. The mains supply should be left switched ON with the boiler thermostat left in the normal running position.

BOILER OVERHEAT THERMOSTAT (Fitted for sealed systems only)

The boiler is fitted with a safety 'cut out' thermostat, this thermostat will extinguish the pilot and shut down the boiler in the event of overheating.
Should this occur allow the boiler to cool and then re-light as detailed in steps 1-10 under 'To Light the Boiler'.
If the 'cut-out' condition still persists then turn off the boiler and consult your local Heating Installer.

CONTROL OF WATER TEMPERATURE

1. Adjust the boiler thermostat (D) to give the required temperature for central heating.
2. The boiler thermostat automatically switches the main burner OFF and ON to maintain the selected temperature.
The pilot burner remains alight continuously to give re-ignition of the main burner.

TO RELIGHT THE BOILER

Repeat the procedure 1-10 detailed in 'To Light to Boiler'.

ESCAPE OF GAS

Should a gas leak be suspected, contact your Local Gas Region without delay.

Do NOT search for gas leaks with a naked flame.

CLEANING

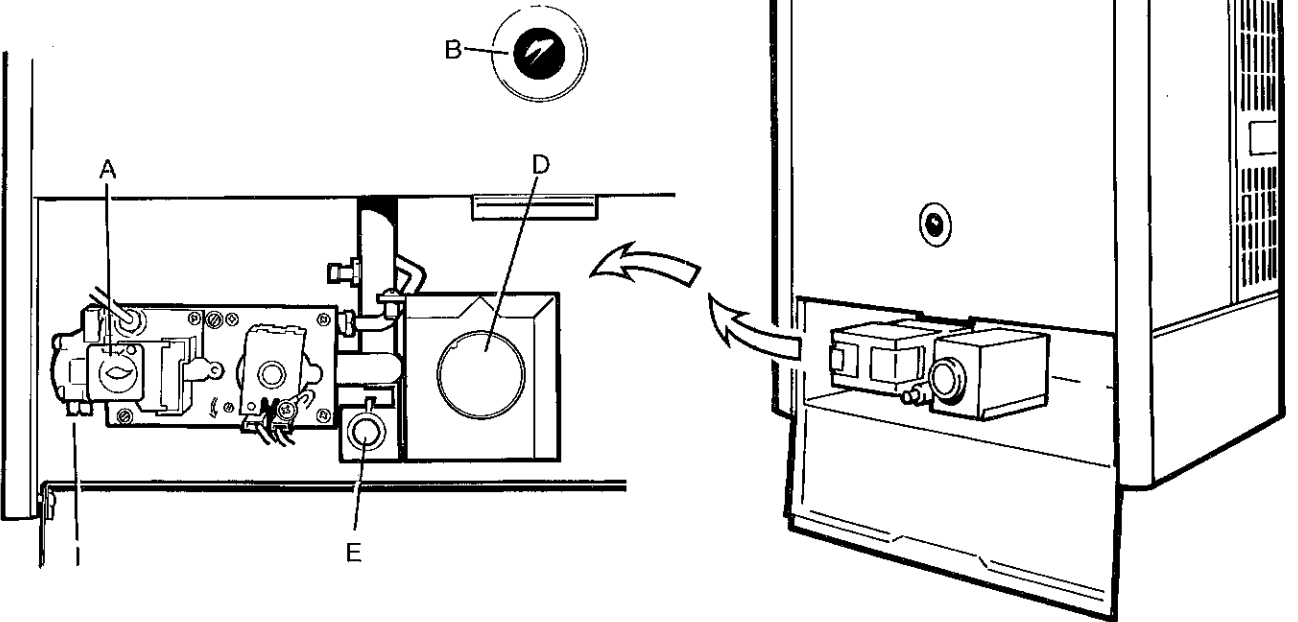
For normal cleaning, simply dust with a dry cloth.
To remove stubborn marks and stains, wipe with a damp cloth and finish off with a dry cloth.
Do NOT use abrasive cleaning materials.

MAINTENANCE

The appliance should be serviced at least once a year by a qualified Heating Engineer, or your Local Gas Region.

LEGEND:

- A Gas control knob
- B Sight glass
- D Thermostat knob
- E Ignitor button
- I Gas Inlet cock



STELRAD GROUP pursues a policy of continuing improvement in design and performance of its products. The right is therefore, reserved to vary specification without notice.

STELRAD GROUP Limited

Sales and Marketing
Accord House, Goulton Street
Kingston upon Hull.
North Humberside. HU3 4DJ
Telephone: 0482 223673 Telex: 592786

Head and Registered Office;
Newtown Road, HENLEY-on-Thames. Oxfordshire
RG9 1HL

Registration No. London 322137

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