

WARNING

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Health and Safety at Work Act 1974

As manufacturers and suppliers of cooking and heating products, in compliance with Section 6 of Health and Safety at Work Act 1974, we take every care to ensure as far as is reasonably practicable that these products are so designed and constructed as to be safe and without risks to health when used and installed as instructed. To this end, our products are thoroughly tested and examined before despatch.

Fuel

Natural: Anthracite Stove Nuts, Welsh Dry Steam Coal (Large Nuts).

Manufactured: 'Coalite', 'Phurnacite', 'Rexco', 'Royal', Sunbrite Singles or Doubles.

House coal should not be used. It is important that the fuel should be adequate in size. Fuel should be stored under cover.

To light the fire with gas burner

A special designed gas burner is available.

1. Open the fire door (fig 1).
2. Remove the ash door (fig 2) and ashpan (fig 3).
3. Fill the fire box with fuel.
4. Light the gas burner and place it in the ashpit with the ends supported by the sockets on the ashpit sides (fig 4).
5. When the fuel is well alight, remove the burner.
6. Replace the ashpan and the ash door by lifting safety catch (fig 2).
7. Close the fire door and set the thermostat to the desired number (fig 5).

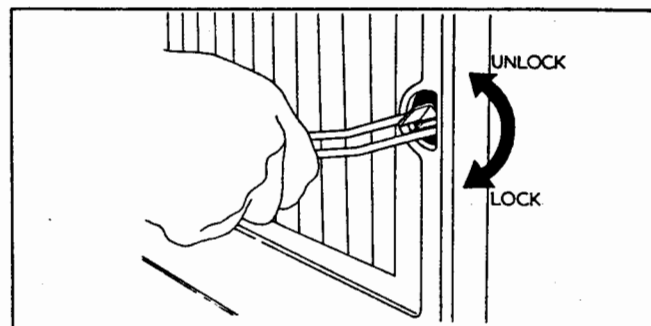
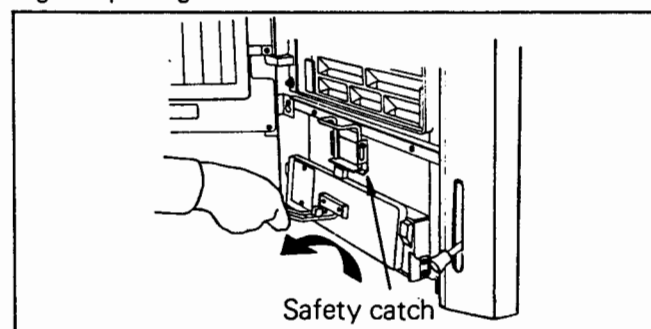
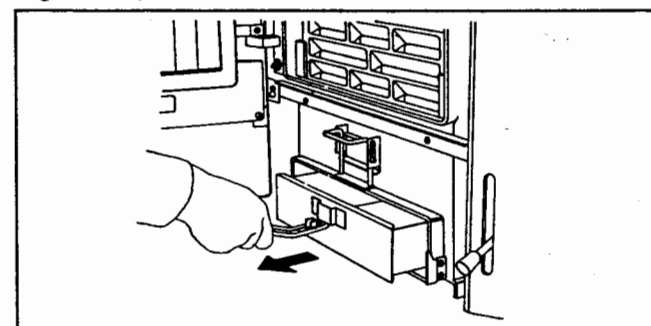
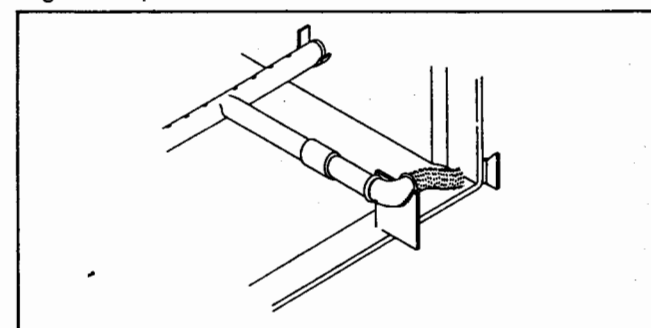
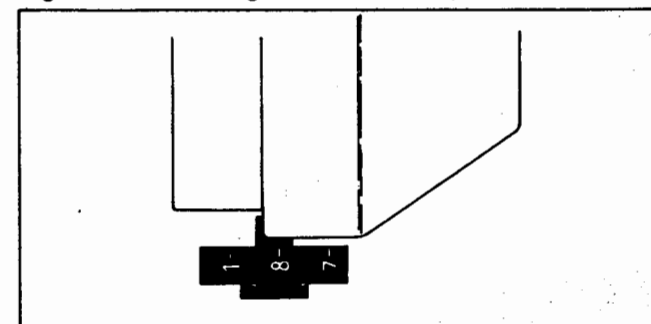
To light the fire with sticks and paper

1. Open the fire door (fig 1).
2. Remove the ash door (fig 2).
3. Spread paper or firelighters, wood and fuel on grate.
4. Light and when blazing set the thermostat control to 8, high (fig 5).
5. Replace the ash door by lifting safety catch (fig 2) and close fire door.
6. When the fuel is well alight, add fuel to be level with the top of the front fire bar and sloping upwards to the back of the fire box.
7. Lock the fire door with operating tool (fig 1).
8. Adjust the thermostat to give the desired rate of burning (fig 5).

To regulate burning

Maximum burning rate is obtained with the thermostat control knob set to 8 (high). Minimum rate is 1 (low). Adjust as required to suit the fuel and the heating desired.

At night, or when the fire is to be left for long periods during the day, close or nearly close the thermostat ('1' setting); experience will indicate the setting that gives the best results. Avoid clinker; clinker is melted ash and indicates overfiring.

**Fig 1 Opening the fire door****Fig 2 Ashpit door removal****Fig 3 Ashpan removal****Fig 4 Location of gas burner in ashpit****Fig 5 Thermostat control**

Water heating

The supply of hot water is dependent on the rate of burning and is greatest with the thermostat set at 8 (high), least when the thermostat is set at 1 (low).

De-ashing and re-fuelling

To de-ash, riddle the grate by pulling out the riddling handle as far as possible (fig 6) and agitate in an up and down manner until the fire appears to be free of ash, centralise the riddling handle and push in. Riddle the grate at least twice daily, more often if required, and always before re-fuelling.

The ash pan must be emptied regularly (fig 3). If ash is allowed to accumulate in the ash pan until it touches the underside of the bottom grate the bars will quickly burn out. To remove shale or stone from the fire box, open the fire door, stir the fire upwards with a poker to bring the shale or stone to the top and remove with tongs.

The class of fuel used and the setting of the thermostat govern the frequency of fuelling.

Cleaning

To keep the enamel surface as new use only a clean dry duster. Do not use abrasive cleaners or other preparations as they may damage the enamel. Do not wipe with a damp cloth when the heater is hot. After the fire has been alight for some time, there may be some dust collection on the inside face of the glass door. To clean the glass, open the fire door and allow the glass to cool and then wipe it with a damp duster and polish with a dry one.

Boiler/Flue cleaning and chimney sweeping

At **monthly intervals** and with the heater cold, remove the front fire bars, engage the operating tool behind the front extension piece of the Flue Restrictor Plate and gently pull forward until the front slides disengage from the support brackets. Allow the plate to swing gently down into the fire (Fig. 7). Brush any fly ash or deposits from the chimney into the fire.

To replace, raise the flue restrictor plate and gently push to the rear making sure the front slides engage with the support brackets. Brush the boiler surfaces clean of any deposits.

At least **once a year** the chimney should be swept. Follow the above procedure but having disengaged the front slides from the support brackets continue pulling forward and with the other hand for support disengage the Flue Restrictor Plate completely from the support brackets. There is now access to the chimney for sweeping. Replace the Flue Restrictor Plate by engaging first the back and then the front slides with the support brackets and push fully to the rear.

Convected air

Keep the air space below the ashpit clear to allow air to circulate around the heater

Fire door adjustment

The fire door hinge bracket is set at the factory and under normal circumstances should not require re-setting. If, however, re-fitting is necessary the hinge bracket can be adjusted for lateral movement

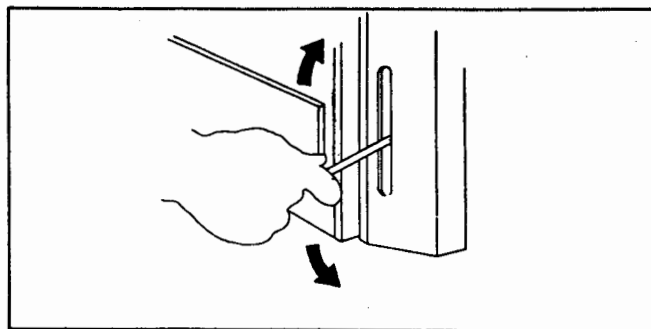


Fig 6 Riddling mechanism

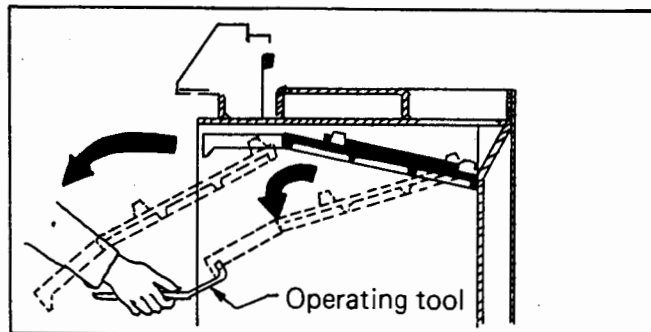


Fig 7 Lowering & Removing Flue Restrictor Plate

and close fitting of the fire door. Adjustment is carried out by slackening and tightening (top and bottom) the front and rear nuts securing the hinge bracket to the studs. When adjusting ensure the asbestos rope in the fire door is bedding centrally against the fitting surface of the fire box front.

General

When the heater is not in use remove all fuel and ashes. Leave the thermostat at 8 (high) setting (fig 5) to allow a constant stream of air to pass through the heater.

Replacement parts if required, are always available ex works. Write to us should any difficulty be encountered in obtaining them from your usual supplier.

To obtain optimum performance with overall safety, ensure the following are rigidly adhered to:-

1. Use only Recommended Fuels.
2. The throat plate is completely removed monthly, to prevent any blockage or build up of fly ash within the flueways.
3. The fire door remains closed and locked at all times, other than when re-fuelling or for glass cleaning.

NOTE: It is dangerous to operate the appliance if the fire door is not properly closed, and this particularly applies to overnight or extended periods of burning. Do not use until worn, damaged or missing seals or glass strips have been replaced.

4. The main chimney flue is swept at twelve monthly intervals.

BLOCKED CHIMNEYS ARE DANGEROUS.