



User Instructions
for Decorative Fuel Effect Fires

Models covered:

Inset Trays	16 NV Inset G20 MANUAL / REMOTE CONTROL / E – SLIDE CONTROL 16 VR Inset G20 MANUAL / REMOTE CONTROL / E – SLIDE CONTROL 16 NV Inset G30/G31 MANUAL 18 VR Inset G20 MANUAL / REMOTE CONTROL / E – SLIDE CONTROL
Hot boxes	16 NV Hot Box G20 MANUAL / REMOTE CONTROL / E – SLIDE CONTROL 16 VR Hot Box G20 MANUAL / REMOTE CONTROL / E SLIDE CONTROL 16 NV Hot Box G30/G31 MANUAL 18 VR Hot Box G20 MANUAL / REMOTE CONTROL / E – SLIDE CONTROL
Convectors	16 NV Convector Box G20 MANUAL / REMOTE CONTROL / E – SLIDE CONTROL 16 VR Convector Box G20 MANUAL / REMOTE CONTROL / E – SLIDE CONTROL 16 NV Convector Box G30/G31 MANUAL 18 VR Convector Box G20 MANUAL / REMOTE CONTROL / E – SLIDE CONTROL

IMPORTANT

Appliances shown in **bold type** are suitable for CLASS 1 flues only.
Appliances shown in normal type are suitable for
CLASS 1 or 5" diameter flues only.

For use with Natural Gas (G20) @ 20mbar or Butane (G30) @ 28mbar or
Propane (G31) @ 37 mbar inlet supply pressure only, as specified.
Country of destination: GB,IE,AT,CH,DK,ES,FI,IT,PT,SE for I2H = N.G. Only
Country of destination : GB,IE,ES,IT,PT for I3+(28-30/37)mbars I3B/P(30)mbars = L.P.G.

Please read before using and retain for future reference.

Only a CORGI registered person must install this product, and the installation must comply with these installation instructions.



0063

**FEF UK Ltd. Units 32-38 Intake Rd. Intake Industrial Estate , Bolsover.
Chesterfield Derbyshire. S44 6BB Tel: 01246 823333 Fax: 01246 824444
Email: info@fef.uk.com**

Gas Council No. 32-045-04

GENERAL INFORMATION

- The installation of this fire must be carried out by a CORGI registered person and in accordance with the requirements of the current **Gas Safety (Installation and Use) Regulations**, or the rules in force.
- Your chimney must be swept before the appliance is installed and checked annually to ensure continued clearance of combustion products and that there is no excessive build up of soot.
- As with any fire, certain components will become hot in use, e.g. the decorative front fret. Care should be exercised when using the control of the appliance when it is hot. We recommend that a fireguard (**conforming to BS 6539 or BS 6778**) should be fitted for the protection of young children, the elderly or the infirm.
- The ceramic coals may initially emit a slight odour; this will disappear after a few hours use.
- The coals are fragile, handle them with care. A soft brush can be used to clean them of excess soot. Do not wash the coals **under any circumstances**.
- **Do not** throw cigarette ends or any other foreign matter onto the fire.
- **Never** leave the fire alight if you are leaving your house unattended for more than a short period of time.
- Check regularly that any purpose made ventilation is free from obstruction.
- We recommend that your fire be serviced annually to obtain the best results.
- If this appliance has been supplied as either a convector or hotbox, rather than an inset tray, it will have been supplied and installed along with either a fabricated steel convector box, or a ceramic lined radiant hotbox. Both of these options are designed to improve the performance of the appliance.
- **NEVER** place any obstruction over the convector outlet at the top of the convector box if applicable.
- This appliance is intended for decorative purposes.
- Never place any combustible materials within 150mm of the sides of the appliance. If a combustible shelf is to be fitted above the fire, a clearance of 150mm must be allowed. Combustible materials must never cover the hearth to the appliance.
- These instructions are provided to assist you to operate the fire correctly and safely. They should be kept in a safe place.

LIGHTING THE APPLIANCE

The flame sensing and spillage monitoring system.

For your safety, this appliance is fitted with a safety device. It will automatically shut off the gas supply to the main burners should the pilot flame go out. It will also shut off the gas supply to the fire if the flue is blocked and causing dangerous spillage of fumes, or if there is insufficient ventilation to the fire.

This device incorporates a probe, which senses that the heat from the pilot flame is correct. If this probe is cool, the device will prevent any gas flow unless the control knob is depressed at the 'PILOT' position.

If the flames go out, or if for any reason the fire is turned off, always wait **at least 3 minutes** before attempting to re-light the appliance.

**If this device starts to shut off the gas frequently,
please seek expert advice from your supplier.**

Lighting procedure.

(For remote control fires, see separate r/c section)

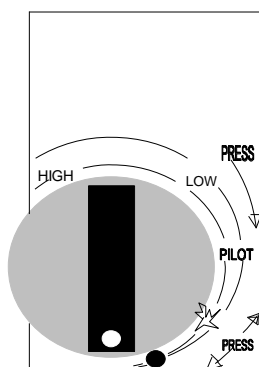


Fig 1. Control Knob

Depress the control knob and turn in an anti-clockwise direction to the pilot position, the pilot should spark and then light. This can be viewed on the right side of the burner tray. Continue to depress the control knob for about 10 seconds to allow the pilot flame to heat and activate the probe of the thermocouple. Release the knob. The pilot should remain alight. If it fails to do so, repeat the process but keep the control knob depressed for a slightly longer period.

NOTE: If the pilot does not light at the first attempt there may be a small amount of air in the supply pipe. To clear, turn the control knob to the "PILOT" position, hold in for a few seconds and then try to re-light.

Depress the control knob slightly and turn anti-clockwise to the "High" position. The main burner will now light.

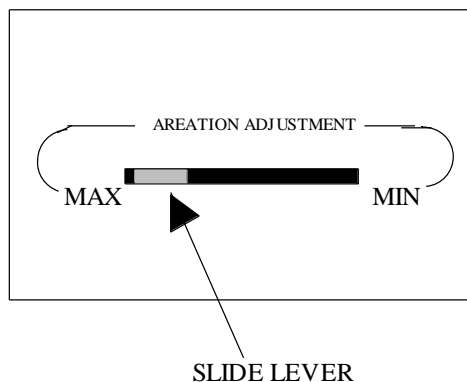
When first lit, the flames tend to be rather blue in colour. Once the core of the fire becomes hot, the flames will become yellow and more realistic.

The control knob is infinitely variable between the "High" and "Low" setting. Depressing the control knob and turning it in either direction allows you to set the fire to what you consider to be an adequate level.

LIGHTING THE APPLIANCE WITH A TAPER

Should the spark ignition system fail, follow this procedure to manually light the pilot flame. Ensure you can see the pilot assembly through the coals. It is positioned on the right side of the burner tray, towards the front. With the control valve in the off position, light a taper or a long spill and insert the lit end into the close vicinity of the pilot assembly. Depress the control knob and turn towards the pilot setting whilst keeping the knob depressed. The pilot flame should ignite from the taper. Once ignited, keep the control knob depressed for a further 10 seconds before releasing. Once you release the knob, the pilot flame should stay alight and the appliance can be operated as normal.

Aeration Control (N/A on LPG (G30 / G31) Fires)



The aeration lever on the control fascia panel (See Diagram) enables you to choose between a more aesthetically pleasing, slightly more yellow flame - in the MIN position, or a slightly hotter, slightly bluer flame in the MAX Position. This lever can be operated at any time and does not alter the gas throughput.

TURNING OFF THE FIRE

Slightly depress the control knob and turn clockwise to the "Pilot" position. The main burner will go out but the pilot will remain alight.

Again depress the control knob and turn clockwise to "Off".

The Appliance is now turned off completely.

CLEANING YOUR FIRE

Ensure that the fire is cold before undertaking any cleaning. Remember that heat is retained for some time after the fire is switched off. In normal use your Appliance requires only minimal cleaning. Soot can form on the coals and can easily be removed by lifting the affected coals from the fire and cleaning them with a soft brush. If it is necessary to remove all the coals for cleaning then any soot or debris should be removed from the ceramic element and from the burner. A vacuum cleaner may be used for this purpose.

If large pieces of debris are found in the fire - sufficient to alter the appearance or operation of the appliance - the chimney should be checked and inspected and the appliance serviced by a competent person before further use.

In any event, the chimney should be checked annually to ensure continued clearance of the combustion products and there is no excessive build up of soot.

Cleaning the firebox (Convactor or Hot box) if applicable.

The solid brass trim supplied with the appliance may need cleaning from time to time. It is normal for discoloration to occur over a period of time, as the frame cannot be lacquered due to the heat generated from the fire. Cleaning should be carried out with a domestic strength brass polish and applied with a clean soft cloth to prevent scratching.

Any dust forming on the canopy of the convactor box should be carefully removed with a damp cloth. Do not use any cleaning solution.

Due to the intense heat generated inside the fire opening, over a period of time the paintwork will become discoloured. Whilst many users accept this adds to the realistic coal effect, it can be treated if necessary. Firstly carefully remove the coals and ceramics from the burner tray, and mask the actual burner with newspaper to prevent dust particles/paint blocking the burner ports. Remove loose debris from the area to be painted. This may involve a small amount of rubbing down with fine emery cloth. Once clear, apply high temperature paint available from most fireplace retailers. Then carefully rebuild the fire following the instructions provided.

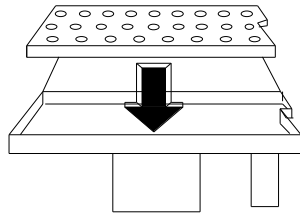
Any soot formations inside the fire opening on the walls of either the Hot box, or the Convactor box should be periodically removed. Use a soft brush for the ceramic lined Hot box, and a vacuum cleaner for the Convactor box.

RELAYING YOUR FIRE

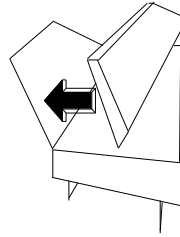
IMPORTANT

The fuel bed layout and quantity of coals is crucial to the correct performance of the appliance. Do not increase or decrease the number of coals supplied with the fire. Periodically the coal arrangement should be checked against these instructions. Always ensure that after cleaning, or if any coals become dislodged they are relayed as stated in the following instructions.

CERAMIC PANELS.



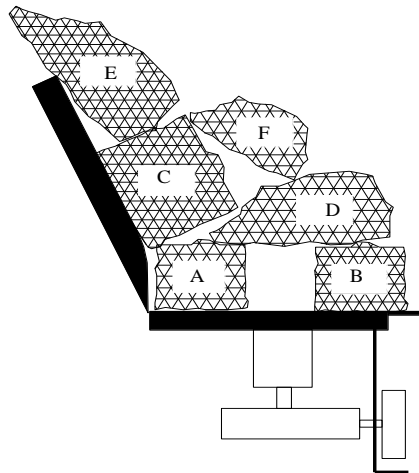
Base ceramic.



Rear Ceramic.

Place the base ceramic into the burner tray as illustrated. This should be carried out with extreme care, as this component is very fragile. Once seated, position the rear ceramic flush against the ramp on the back of the burner tray.

COAL LAY.



Coal Lay (G20) Appliances

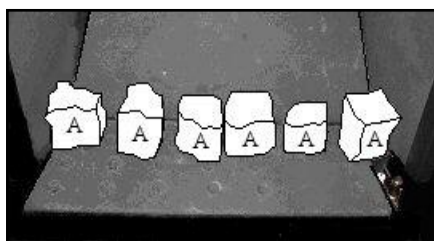
Coal size A

Length & Width

← 45mm →



Height



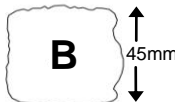
Row A

Place 6 small square coals (8 in the case of the 18" appliance), on their broken edges, the centre two touching, and the outer two at the edge of the tray, across the back of the burner, and up against the rear ceramic ramp. The remaining 2/4 coals should be placed leaving as much of the burner ports as open as possible

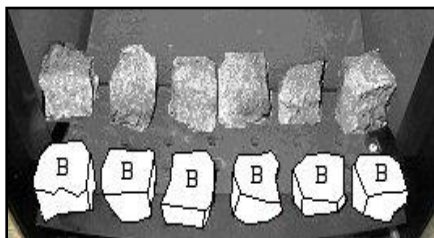
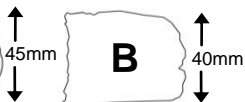
Coal size B

Length & Width

← 45mm →



Height



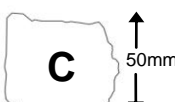
Row B

Place 6 (8 in the case of the 18" appliance) small square coals, evenly spaced, along the front edge of the burner, clearing the front burner ports.

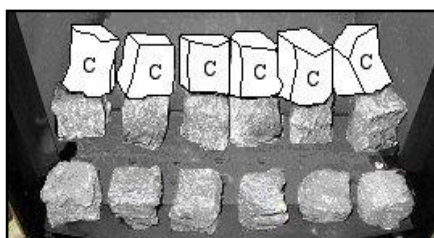
Coal size C

Length & Width

← 50mm →



Height



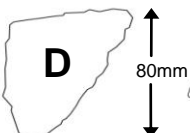
Row C

Place 6 (8 in the case of the 18" appliance) large square coals, on top of Row A, and resting against the rear ceramic. These should be evenly spaced, (broken edges facing outward).

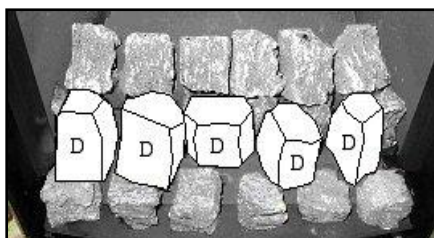
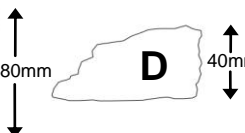
Coal size D

Length & Width

← 80mm →



Height



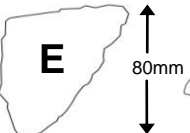
Row D

Bridge the gap between rows A and B with 5 (7 in the case of the 18" appliance), large random shaped coals evenly spaced, point inwards. **ENSURE THE PILOT IS CLEAR.**

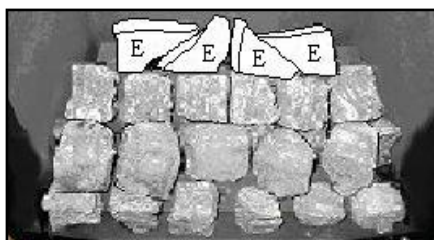
Coal size E

Length & Width

← 80mm →



Height



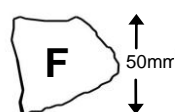
Row E

Place 4 (6 in the case of the 18" appliance), large random shaped coals tightly packed side by side, as shown in the photograph, in the centre of the burner tray. These coals rest on top of Row C.

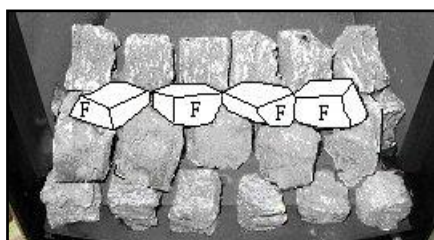
Coal size F

Length & Width

← 50mm →



Height



Row F

Place 4 (7 in the case of the 18" appliance), small random coals bridging the gaps between each of the coals in Row D. These should be placed towards the rear of the burner tray and rest on top of Row D.

SERVICE AND MAINTENANCE

Your appliance should be serviced annually in order to ensure no deterioration in its performance and appearance. We recommend that you contact your supplier who will ensure that a CORGI registered person carries out the work.

GUARANTEE

1. Your Appliance is guaranteed for one year from the date of purchase.
2. The guarantee is given subject to the following conditions:
 - That a CORGI registered installer carries out the installation.
 - That the fireplace conforms to the requirements given in the Installation Instructions for this appliance.
 - That our instructions for cleaning and handling are adhered to. This guarantee does not cover mishandling.
 - That the guarantee card supplied with every fire is returned to us for registration within four weeks of the date of purchase with all the required information entered.
 - That our liability is limited to the free replacement of the part(s) affected.
 - That the burner is installed into either a standard firebrick, or a Hotbox or Convector box, supplied by the manufacturer.
 - That this guarantee does not cover:
 - Normal wear and tear.
 - Possible discoloration of polished parts.
 - Ceramic fibre components.
 - In the case of Remote Control fires, batteries.

IN THE EVENT OF FAILURE, IT IS ADVISABLE TO CONTACT THE SUPPLIER/INSTALLER OF THE APPLIANCE, AND HAVE THE INSTALLATION CHECKED AGAINST THE INSTALLATION INSTRUCTIONS.

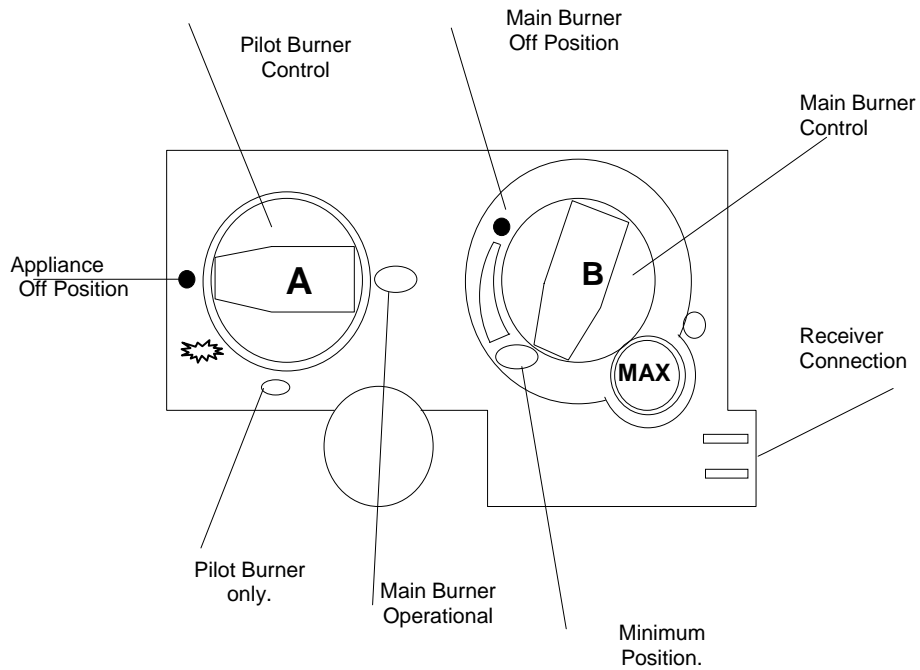
IT MAY BE NECESSARY TO HAVE THE APPLIANCE SERVICED SHOULD THE SYMPTOMS BE CAUSED BY ROUTINE USE OR AS A RESULT OF DEBRIS BUILD UP.

Remote Control Version.

Operating Instructions.

OPERATION OF THE FIRE

This fire may be controlled manually, by use of a gas valve mounted on the appliance. The flame settings may also be controlled by means of the remote control handset.



To prevent accidental operation of the fire, we recommend that the fire be switched off when not in use.

Light the Pilot

Please note: The fire must be lit manually.

Ensure that the pilot burner control knob, **A**, is in the APPLIANCE OFF position. Depress the control knob, **A**, and turn anti-clockwise to the ignition position, shown as Pilot burner only in above diagram to activate the piezo ignition system. A 'click' will be observed, and the pilot should light.

Hold the knob, **A**, in this position (keeping it depressed) for 20 seconds to allow the flame supervision device to establish.

Observe if it is alight by looking towards the pilot light on the right side of the burner.

If the pilot does not light immediately, repeat the above procedure, keeping the knob, **A** depressed for several seconds longer in order to purge any air from the system.

If after 20 seconds, ignition has not occurred, turn the control knob back to the OFF position and repeat the ignition procedure after 30 seconds.

Once the pilot is lit, keep the control knob, **A**, depressed for 20 seconds to allow the flame supervision device to establish. When the control knob, **A**, is released, the pilot should remain lit. If the pilot fails to remain lit, repeat the ignition procedure, this time keeping the control knob, **A** depressed for a longer period of time.

Lighting the Main Burner

Once the pilot light is established, the main burner can be lit by turning the pilot burner control knob, **A**, anti-clockwise to 'Main Burner position' (refer to previous diagram). Then turn the main burner control knob, **B**, to the 'maximum' position, which can be found turning the control knob, **B**, anti-clockwise until it stops.

Controlling the Heat Setting

In order to change from one setting to another, turn the main burner control knob, **B**, to the required position by rotating it between the maximum setting and the point illustrated as 'Main Burner off' setting.

Note: We recommend you use the appliance at a high setting for the first few hours of use. Whilst binding materials are being burnt out of the burner there may be a slight odour.

To Turn Main Burner OFF

Turn the main burner control knob, **B**, fully clockwise. Alternatively turn the pilot burner control knob, **A**, clockwise to the 'Pilot burner only' position.

To Turn the Fire Off

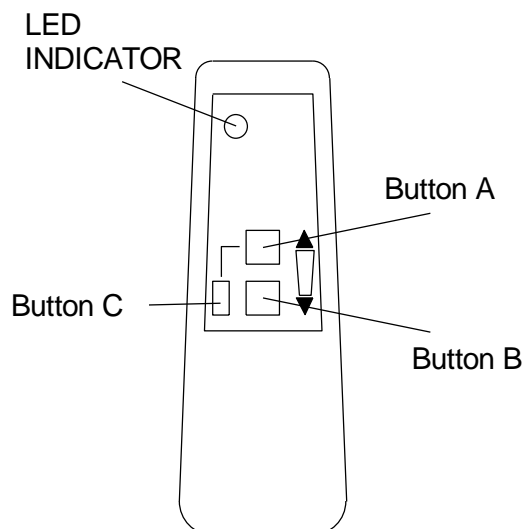
Rotate the pilot/burner control knob, **A**, clockwise to position shown as 'Appliance Off'.

IF THE REMOTE CONTROL FAILS LIGHTING THE APPLIANCE WITH A TAPER

Should the remote control fail to operate successfully, follow this procedure to manually light the pilot flame.

Ensure you can see the pilot assembly through the coals. (It is positioned on the right side of the burner tray, towards the front.) With the control valve, **a**, in the **OFF** position, light a taper or a long spill and insert the lit end into the close vicinity of the pilot assembly. Depress the control knob, **A**, and turn towards the Main Burner Operational setting whilst keeping the knob, **A**, depressed. The pilot flame should ignite from the taper. Once ignited, keep the control knob, **A**, depressed for a further 20 seconds before releasing. Once you release knob, **A**, the pilot flame should stay alight and the appliance can be operated as normal.

Using the Remote Control Handset



- When the pilot burner control knob is in 'Main burner on' position, the remote control handset may be used to vary the flame effect between 'High' and 'Low', or switch the fire back to pilot setting.
- The handset operates on ultrasonic principles, and as such it is not necessary to point the handset directly at the fire.
- To light the main burner from the handset, ensure that the pilot is alight, and the pilot control is set to the 'main burner setting'. Then by depressing **both** 'BUTTON A' **AND** 'BUTTON C', the valve will operate and the burner will ignite. Keep **both** buttons pressed to turn the valve higher.

NB. This appliance has been designed with safety in mind, and the reason that both buttons need to be depressed is to ensure against accidental ignition of the main burner.

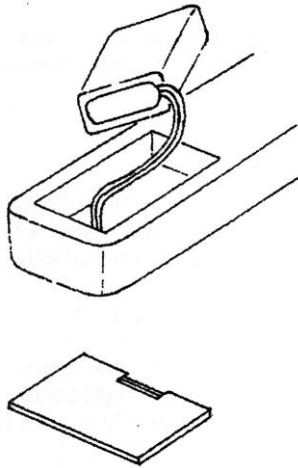
- To then alter the flame settings, using the handset, press and hold 'BUTTON B' to turn the appliance down, and repeat the procedure detailed above, to turn the appliance higher. When the main burner has reached either its fully on position, or the fully off position (pilot burner only), a loud clicking will be heard. Release the buttons at this point. **Failure to do so, will drain the batteries.**
- In order to disable the handset, but still leave the pilot alight, turn the pilot burner control knob to the 'pilot burner only' setting.
- To turn the fire off completely, rotate the pilot/burner control knob clockwise to position shown as 'Appliance off'.

Battery Life & Replacement

- Please note: In order to ensure maximum battery life and optimal performance, we recommend that only 'Long Life' type replacement batteries are used.

Handset

- The remote control handset is powered by 1 x PP3 battery that should be replaced approximately every 12 months.
- To replace: Remove cover from rear of handset, remove and discard old battery. Replace battery and refit cover.



Receiver Unit

- The receiver/valve is powered by 4 x AA batteries that should be replaced every 12 months.
- To replace: Make sure the fire is switched off. Remove the fire front and ash-pan cover. Withdraw the battery holder, and open. Remove the old batteries and discard. Replace with new batteries. Refit batteries into holder and replace cover.

E-Slide Control Version.

Heat shield Installation.

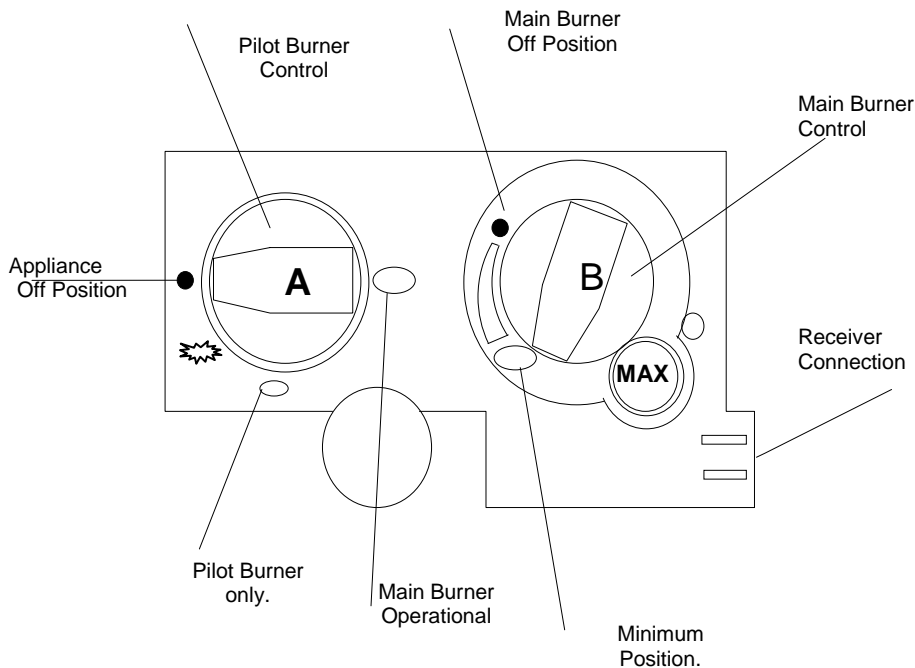
Important.

The E-Slide Control appliances are supplied with a heat shield, to protect the battery housing from radiant heat generated by the burner. Please Note: - The 9v PP3 battery housing is already located within the heat shield.

Operating Instructions.

OPERATION OF THE FIRE

This fire may be controlled manually, by use of a gas valve mounted on the appliance. The flame settings may also be controlled by means of the E-Slide Control.



To prevent accidental operation of the fire, we recommend that the fire be switched off when not in use

Manual

Light the Pilot

Please note: The fire must be lit manually.

Ensure that the Pilot Burner Control knob, **A**, is in the APPLIANCE OFF position. Depress the control knob, **A**, and turn anti-clockwise to the ignition position, shown as Pilot Burner only in above diagram to activate the piezo ignition system. A 'click' will be observed, and the pilot should light.

Hold the knob, **A**, in this position (keeping it depressed) for 20 seconds to allow the flame supervision device to establish.

Observe if it is alight by looking towards the pilot light on the right side of the burner.

If the pilot does not light immediately, repeat the above procedure, keeping the knob, **A** depressed for several seconds longer in order to purge any air from the system.

If after 20 seconds, ignition has not occurred, turn the control knob back to the OFF position and repeat the ignition procedure after 30 seconds.

Once the pilot is lit, keep the control knob, **A**, depressed for 20 seconds to allow the flame supervision device to establish. When the control knob, **A**, is released, the pilot should remain lit. If the pilot fails to remain lit, repeat the ignition procedure, this time keeping the control knob, **A** depressed for a longer period of time.

Lighting the Main Burner

Once the pilot light is established, the main burner can be lit by turning the pilot burner control knob, **A**, anti-clockwise to 'Main Burner position' (refer to previous diagram). Then turn the main burner control knob, **B**, to the 'maximum' position, which can be found by turning the control knob, **B**, anti-clockwise until it stops.

Controlling the Heat Setting

In order to change from one setting to another, turn the main burner control knob, **B**, to the required position by rotating it between the maximum setting and the point illustrated as 'Main Burner off' setting.

Note: We recommend you use the appliance at a high setting for the first few hours of use. Whilst binding materials are being burnt out of the burner there may be a slight odour.

To Turn Main Burner OFF

Turn the main burner control knob, **B**, fully clockwise. Alternatively turn the pilot burner control knob, **A**, clockwise to the 'Pilot Burner only' position.

To Turn the Fire Off

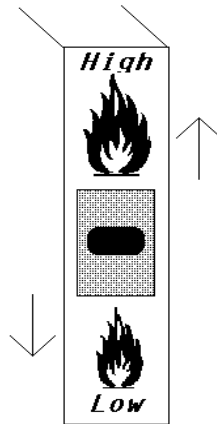
Rotate the Pilot Burner Control knob, **A**, clockwise to position shown as 'Appliance Off'.

IF THE E-SIDE CONTROL FAILS LIGHTING THE APPLIANCE WITH A TAPER

Should the E-Slide Control fail to operate successfully, follow this procedure to manually light the pilot flame.

Ensure you can see the pilot assembly through the coals. (It is positioned on the right side of the burner tray, towards the front or at the front centre of the burner, depending on model.) With the control valve, **a**, in the **OFF** position, light a taper or a long spill and insert the lit end into the close vicinity of the pilot assembly. Depress the control knob, **A**, and turn towards the Pilot Burner setting whilst keeping the knob, **A**, depressed. The pilot flame should ignite from the taper. Once ignited, keep the control knob, **A**, depressed for a further 20 seconds before releasing. Once you release knob, **A**, the pilot flame should stay alight and the appliance can be operated as normal.

Using your E–Slide Control



When the pilot burner control knob, **A**, is in 'Main Burner Operational' position, the E-Slide Control may be used to vary the flame effect between 'OFF', 'LOW' and 'HIGH', or switch the fire back to pilot setting.

In order to light the main burner from the E–Slide Control, ensure that the pilot light is alight, and the pilot control knob, **A** is set to the 'main burner'. Press and hold **the** 'E–Slide Control upwards and the burner will ignite. Keep the E–Slide Control pressed until the desired flame is achieved. A repetitive click will be heard once the maximum is reached, and the E-Slide should be released. To lower the flame press and hold in the downwards position once again, a repetitive click will be heard once the valve reaches its 'off' position and the E-Slide should be released. In order to switch the fire off to pilot setting press the E-Slide Control down until only the pilot light remains alight.

If main burner fails to ignite, please check batteries (see section on battery replacement)

In order to disable the E–Slide Control, but still leave the pilot alight, turn the pilot burner control knob to the 'pilot burner only' setting.

Battery Life & Replacement

Please note: In order to ensure maximum battery life and optimal performance, we recommend that only 'Long Life' type replacement batteries be used.

Battery Holder

To replace: 1 x 9v battery which should be replaced at least every 12 months powers the valve motor.

16" Pebble Effect Arrangement Instructions



ROW A

Place 5 extra small pebbles (labelled on the base with XS), evenly spaced at the rear of the burner as illustrated. These should be placed with the marked side face down, and pushed as far back as the rear ceramic will allow.



ROW B

Rest the next row of pebbles, half and half over the ceramic edge and the front spacer on the burner. Arrange 3 small pebbles (labelled on the base with S) positioned one at either edge and one in the middle of the burner. Then between these, 2 medium pebbles (labelled with M). All pebbles laid with the marked face down.



ROW C

Place 3 large pebbles (labelled with L) lengthways as illustrated, on the top of Row A, and resting against the rear ceramic.



ROW D

Place 2 medium pebbles lengthwise as shown on the top of ROW C. The marked side (M) should be facing the rear ceramic. Then, at either edge place 1 extra small pebble, again on the top of the pebbles on ROW C. The marking on the rear of these (XS) should be facing the rear ceramic.



ROW E (Part 1)

Place 2 medium pebbles either side of the opening as illustrated. (The markings M, facing the rear of the appliance), angle these with the narrower top sloping away from the centre of the fire, and the thicker base firmly positioned between the pebbles on ROW A. These pebbles lean back against the large pebbles in ROW C.



ROW E (Part 2)

Place 2 large pebbles (Marked L), with the top of each resting between the large pebbles in ROW C and the base resting centrally on top of the medium pebbles in ROW B. Place a medium pebble (marked M), on top of the centre pebble on ROW A, and leaning back against the 2 large pebbles as illustrated.

Log effect lay instructions. (1 of 2)

Place log A, against the rear ceramic at the back of the burner in the orientation as shown.

NB. Log marked on rear.



Place the silver birch (light colour) log on top of log A and also resting against the rear ceramic.



Place log B lengthways across the front edge of the burner tray, as far forward as possible without overhanging the curved front spacer.

NB. Log marked on rear.



Log F should bridge the gap between log B and log A, with the two pronged end facing to the left. There are locating grooves along the front edge which allow the log to rest on the rear of log B. This log should be positioned central in the fire opening.

NB. Log marked on rear.



Rest the grooved edge of log D against the rear of log B and position the log against the right side of the fire opening. Log D will rest backwards against log A.

NB. Log marked on rear.



Rest the grooved edge of log E against the rear of log B, and ensure that this log is against the left side of the fire opening. The log should rest backwards against the silver birch log.

NB. Log marked on rear.



The forked end of log G should face towards the rear of the appliance, as the log is located into the groove towards the bottom of log D and rests against the back of log F as shown.

NB. Log marked on rear.



The forked end of log H should face towards the rear of the appliance as log H is placed securely into the fork of log F.

NB. Log marked on rear.



18" Pebble Lay Instructions

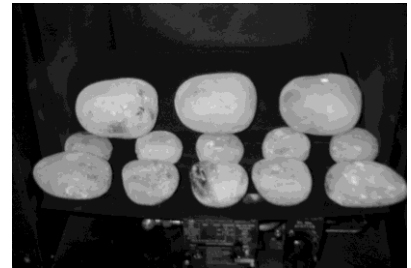
Place 5 extra small (marked XS) pebbles evenly spaced across the back of the burner tray, and up against the rear ceramic.



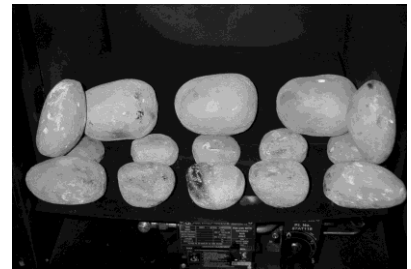
Across the front of the burner in the center, place 3 small pebbles (marked S) resting half on the base ceramic and half onto the front curved spacer as shown. These should have a 5-10mm space between them. At either side, place a medium pebble (marked M) lengthways pointing into the side of the fire. These should also rest half and half across the front spacer and base ceramic.



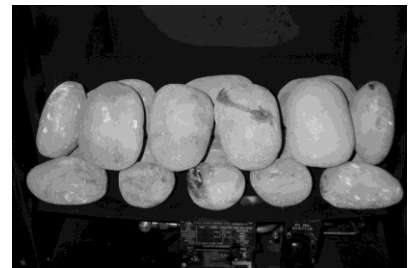
Resting against the rear ceramic and on top of the extra small pebbles, place 3 large pebbles (marked L) evenly spaced.



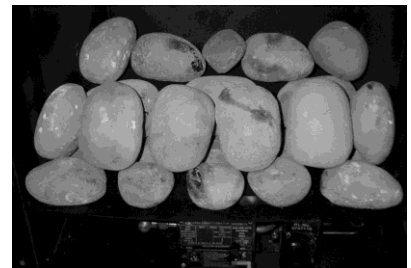
Position a medium pebble (M) at each side of the fire, and resting against the side cheeks. These pebbles should rest up against the large pebbles at the rear, and point forwards, bridging the gap between the base pebbles.



Take 4 large pebbles, (L) and place these across the front of the fire as shown. They should be in a vertical orientation and lean backwards against the large rear pebbles.



At the rear of the fire, firstly bridge the gaps between the large rear pebbles with medium pebbles (M) in a sideways orientation. These should rest against the rear ceramic. Place a small pebble (S) at either side of these, and an extra small (XS) pebble in between them.



Finally, position extra small (XS) pebbles across the top of the front row of large pebbles, equally spaced as shown.

