

SUPPLEMENTARY INSTALLATION AND SERVICING INSTRUCTIONS AND USER INSTRUCTIONS FOR STRAXGAS 'digital' ELECTRONIC CONTROL INSTALLATIONS

Theme Plus 16	Theme 18	Theme 22
Theme 16 Inglenook	18 Thermoglo	Theme 22 Inglenook
16 Thermoglo	18 Ecotech	Aura Stove
16 Ecotech	Silver Sapphire	

PAGE 1-4 Installation & servicing Instructions PAGE 5-6 User Instructions

(These instructions to be left with the appliance)

IMPORTANT: These instructions must be used in conjunction with the installation and servicing instructions for the appropriate fire.

Introduction

Amended appliance data

Control options	- Infra red remote, frame switch, full function manual control
Electrical supply	- 230V 50Hz 26 watt
Ignition	- Automatic
Fuse rating	- 315mA (T)
Supply cable	- 2 core + earth, high temperature insulated cable 2m long.
Type of gas	- Natural gas (G20) Cat. I _{2H} or Propane gas (G31) Cat. I _{3P}
Injector	- Refer to data badge plate
Gross heat input	
Low setting	- 3.75kw Natural Gas
High setting	- refer to data badge plate

Additional mandatory requirements

The electrical equipment (safety) regulations.
Current I.E.E. wiring regulations.

WARNING

1. THIS APPLIANCE MUST BE EARTHED.
2. ONLY STRAXGAS FRETS MAY BE USED.

Items supplied in addition to standard appliance

1. Burner, replacing manually controlled version
2. Switch option

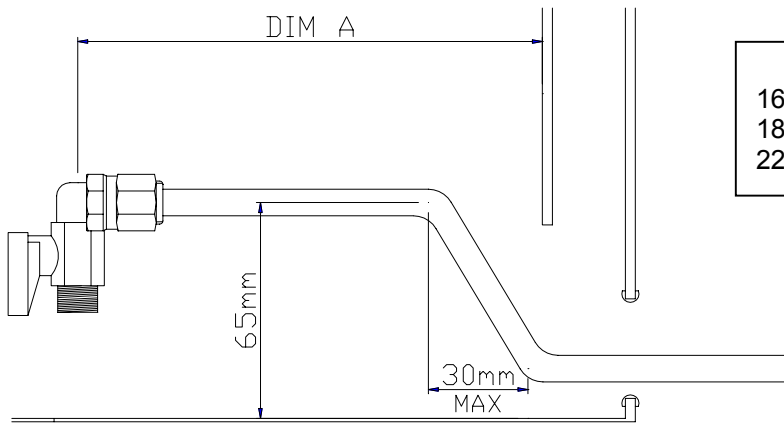
Installation

Gas supply

The gas supply pipe must enter through the right hand hole in the box and be formed as shown in Fig.1. Fit the inlet elbow tap supplied, purge the pipe of air and ensure that there are no traces of debris before connecting to the burner.

Mains electrical connection

A 230V 50Hz supply via a switched fused spur with at least 3mm contact separation between all poles and fitted with a 3A fuse is required within 2 metres of the fireplace. The supply cable must only be routed as shown in Fig. 2.



Model	Dim A
16 Inglebrook & Theme	140mm
18 Theme	140mm
22 Theme & Inglebrook	170mm

Fig. 1

Appliance Installation

Follow details shown in the installation instructions supplied with the appliance.

Final assembly

1. Connect the gas supply pipe with inlet elbow tap to the stem elbow on the valve.
2. Secure the burner using screws provided.
3. Now carry out final assembly sequence detailed in the installation instructions.

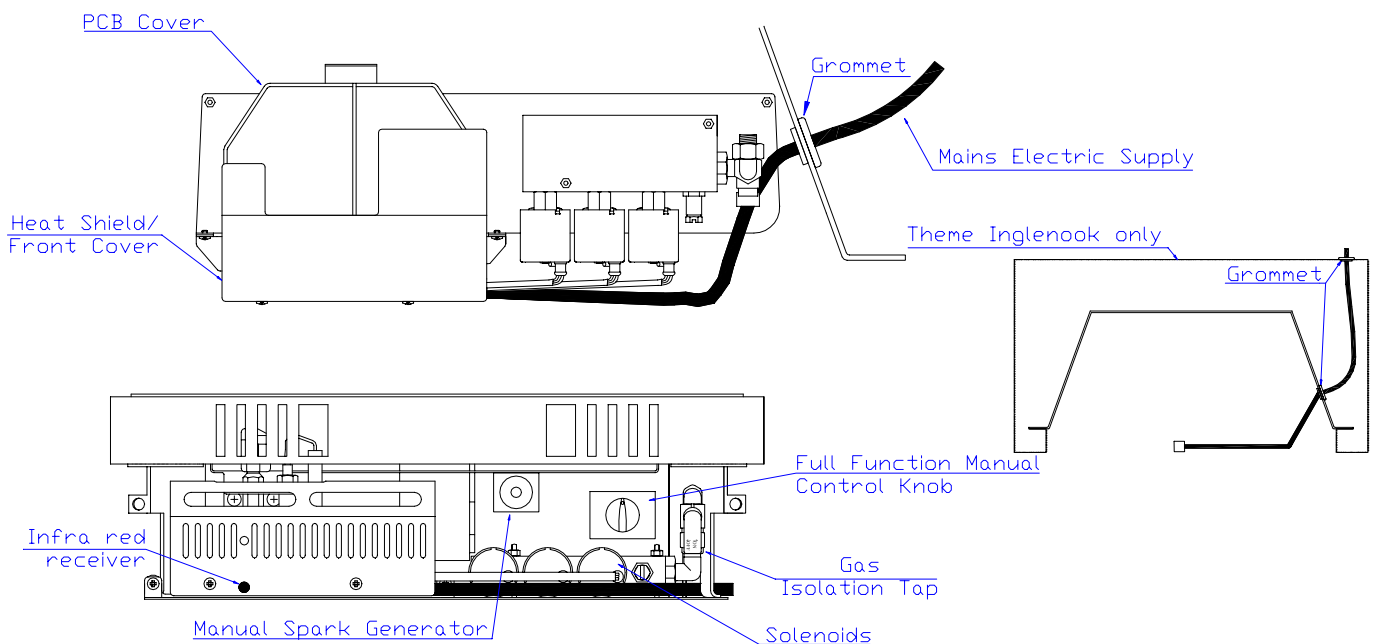
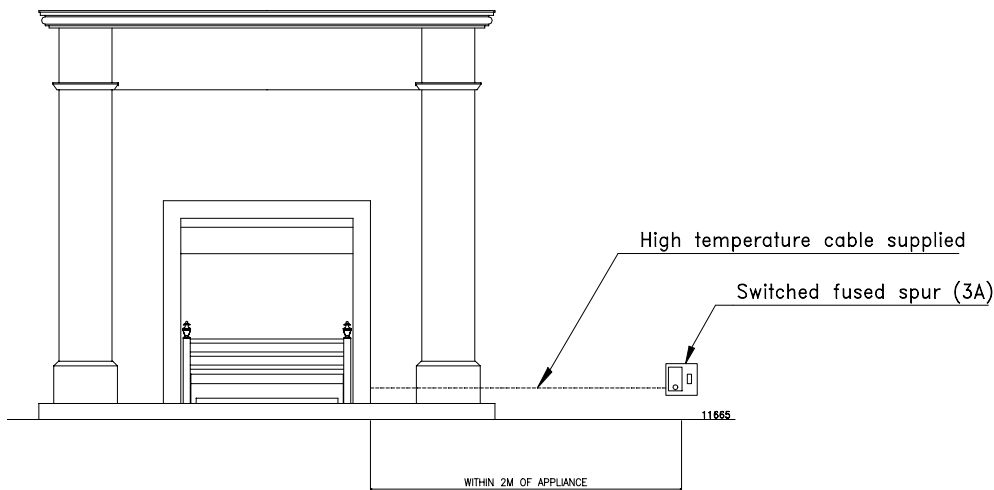


Fig. 2 – Burner Unit

Lighting the fire using infra red remote & Frameswitch.

See user instructions page 5.

Lighting the fire using full function manual control.

See user instructions page 6.

Gas isolation tap

See user instructions page 6.

Check for clearance of products of combustion

Refer to appliance installation instructions.

Frameswitch illumination control

The brightness of the illumination may be varied between off and full by turning the adjustment screw located on the frameswitch P.C.B. This is accessible by pulling the decorative frame forward and carefully adjusting the control with a small screwdriver.

Maintenance

Servicing should be carried out at least once a year by a competent person in accordance with these instructions and the relevant regulations, to ensure the safe and correct operation of the appliance.

Before commencing any service or replacement of parts, turn off the main gas and electrical supply **and ensure that the fire is cold.**

When ordering spare parts please quote appliance serial number which can be found on the data badge plate.

Ceramics

Examine the coals and ceramic blocks for signs of cracking and replace if necessary. Handle the ceramic components with care. Dust off any soot or deposits with a soft brush. Do not vacuum clean.

Replacement of parts

With the exception of ceramic mouldings and loose coals and oxypilot assembly there are no serviceable items. Should a fault develop contact, our service department which will advise on which assembly or assemblies to return to the factory for repair and testing.

Removal of burner

1. Isolate the appliance from the mains electrical supply and turn off the gas supply by the isolation cock.
2. Disconnect the 8mm supply pipe at the inlet elbow tap on the right-hand side of the burner.
3. Remove slotted cover and disconnect the mains supply cord from the PCB terminal at the right hand side.
4. Remove the 2 screws holding the burner to the convection box and lift the burner out of the opening.
5. Reassemble in the reverse order.
6. After servicing check for gas soundness.

Replacement of ignition/pilot assembly (oxypilot)

1. Remove the burner as described above.
2. Disconnect ignition lead to the igniter unit.
3. Disconnect the gas supply pipe to the pilot burner.
4. Disconnect the thermocouple from the gas valve. (Manual control only)
5. Take out the two screws securing the oxypilot to the mounting bracket and remove the oxypilot.

6. Secure the new oxypilot assembly to the bracket and reconnect, taking care not to damage the terminals on the circuit board.
7. Reassemble the appliance in reverse order.
8. Turn on the gas supply and check for gas soundness.

Replacement of main injector

1. Remove the burner as described above.
2. Disconnect gas supply pipe to injector.
3. Unscrew injector and replace, making certain that the jet size stamping corresponds to the specification on the data badge plate.
4. Reassemble in reverse order.
5. Turn on the gas supply and check for soundness.



Electrical supply cord

If the supply cord is damaged only a Straxgas genuine replacement cord should be used. This must be fitted by a Straxgas service agent or a competent person.

USER INSTRUCTIONS FOR THE STRAXGAS 'digital'


Lighting the fire using infra red remote & Frameswitch.


Please note neon indicators are only fitted with the optional frame switch.

1. Switch on the electrical supply at the switched fused spur, a red neon will light.
2. Ensure that the manual control (if fitted) is in the off position.
3. Turn on the gas supply.
4. When using the infra red remote, point it at the bottom of the left hand side of the fret. (See page 2 for position of the infra red receiver.)
5. Press the On/Off button marked  TWICE within one second. The ignition sequence will begin and generate sparks for 8 seconds. If a flame is detected within this period then the spark ignitor will stop and the fire will be alight on low setting. If a flame is not detected within 8 seconds then the spark ignitor will stop, the gas will be switched off and further attempts at lighting will not be allowed for 20 seconds. After 20 seconds the on/off button  may be operated again to begin the ignition sequence.

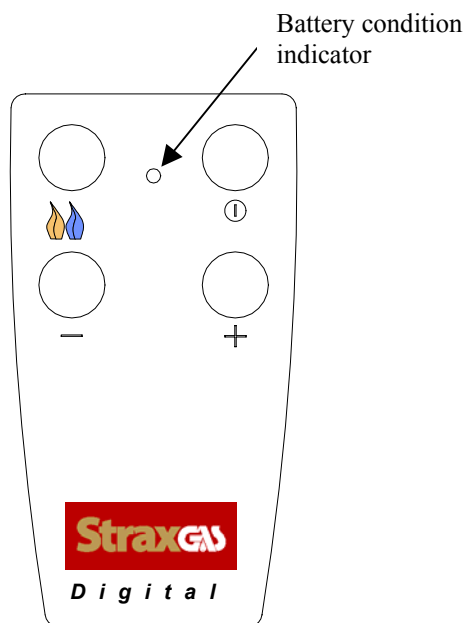
The burner will always light on low setting and when established the red neon will change to green with an amber neon.

6. Press the + button once and medium setting will be selected. Green, red and amber neon.
7. Press the + button again and high setting will be selected. Green and red neon.
8. To decrease the setting press the – button once which will select medium rate. Green, red and amber neon.
9. Press the – button again and low setting will be selected. Green and amber neon.
10. With a natural gas burner the appearance of the flame can be altered by means of the air adjustment control button.

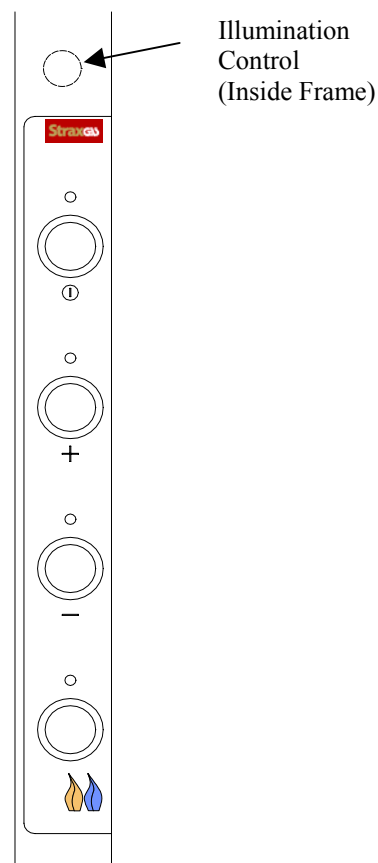
Press successively the button marked  and the fire will alternate between the two settings. When the adjacent blue neon indicator is lit, the fire is on coke setting. With an LPG burner pressing this button will have no effect upon the flame appearance.

11. To turn off the fire press the On/Off button,  the green neon will change to red. All other neon's are extinguished.

NOTE: If top neon flashes between green and red or the controls do not appear to function, switch off at the electrical main supply for 5 seconds and on again to reset the system.



Infra Red Remote Handset



Frameswitch

Infra red handset batteries

1. Access to the battery compartment is by removing the small screw at the rear of the casing and removing the back cover. Two AAA batteries are fitted
2. Ensure that batteries are fitted with the correct polarity (+ on battery to + in casing)
3. Replace back cover and screw.
4. Ensure that used batteries are disposed of in a safe manner.

Battery condition indicator

The battery condition indicator will flash each time any handset button is pressed.

Green indicates batteries in good condition

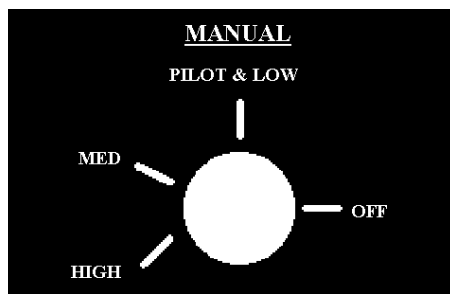
Green/red indicates batteries will soon need replacing

Red indicates batteries are affecting the function of the handset and need changing

Lighting the fire using the Manual control (If fitted).

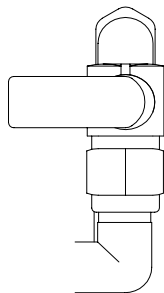
This control should only be used when the appliance has been isolated from the mains electrical supply.

1. Turn the control Knob anti-clockwise to the 'pilot and low' setting.
2. Fully depress the control knob.
3. With the control knob fully depressed, press the manual spark generator several times until the pilot burner lights.
4. Hold in the control knob fully depressed for 10 seconds.
5. Release the control and the fire will be running at the 'low' gas setting.
6. Rotate the control knob anti-clockwise to the 'medium' or 'high' setting.
7. To switch off the fire rotate the control knob clockwise to the 'off' position.
8. Ensure control knob is always left in the 'off' position when not in use.

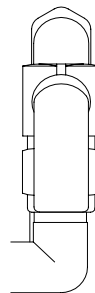


Gas isolation tap

A gas isolation tap is integrated with the burner. When the lever is vertical the gas supply is on, when the lever is horizontal the gas supply is off.



'OFF' Position



'ON' Position

NOTE: No liability can be accepted unless this product has been installed and operated strictly in accordance with these manufacturer's instructions
U.K. Registered Design 2040268. British Patent Application 9414887.1
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