



*Fire Your Imagination*

# Huntingdon 20/30/40

Balanced Flue Log Effect Stove

With Upgradeable Control Valve



## Instructions for Use, Installation and Servicing

For use in GB, IE (Great Britain and Republic of Ireland)

### **IMPORTANT**

**THE OUTER CASING, FRONT AND GLASS PANEL BECOME EXTREMELY HOT DURING OPERATION AND WILL RESULT IN SERIOUS INJURY AND BURNS IF TOUCHED. IT IS THEREFORE RECOMMENDED THAT A FIREGUARD COMPLYING WITH BS 8423 (LATEST EDITION) IS USED IN THE PRESENCE OF YOUNG CHILDREN, THE ELDERLY OR INFIRM.**

**ENSURE THAT ALL COMBUSTIBLE MATERIALS ARE NOT POSITIONED ABOVE OR NEAR TO THE APPLIANCE OUTER CASING.**

This product contains a heat resistant glass panel. This panel should be checked during Installation and at each servicing interval. If any damage is observed on the front face of the glass panel (scratches, scores, cracks or other surface defects), the glass panel must be replaced and the appliance must not be used until a replacement is installed. Under no circumstances should the appliance be used if any damage is observed, the glass panel is removed or broken.

It is essential that ALL of the screws that retain the glass frame are replaced and tightened correctly. Under no circumstances should the appliance be operated if any of these screws are loose or missing.

These Instructions must be left with the appliance for future reference and for consultation when servicing the appliance. Please make the customer aware of the correct operation of the appliance before leaving these instructions with them.

The commissioning sheet found on Page 3 of this Instruction manual must be completed by the Installer prior to leaving the premises.

# Contents

## Huntingdon 20/30/40 - Balanced Flue

Covering the following models:

Model		HUNTINGDON 20		HUNTINGDON 30		HUNTINGDON 40	
		NAT GAS	LPG	NAT GAS	LPG	NAT GAS	LPG
Black	Tracery Door	515-098	515-502	515-257	515-561	515-224	515-628
	Clear Door	515-125	515-529	515-139	515-726	515-251	515-673
Ivory	Tracery Door	515-107	515-511	515-395	515-664	515-233	515-646
	Clear Door	515-134	515-545	515-165	515-739	515-269	515-682
Matt Ivory	Tracery Door	515-116	515-520	515-333	515-712	515-242	515-655
	Clear Door	515-143	515-556	515-191	515-765	515-278	515-691

**Appliance Commissioning Checklist .....3**

**User Instructions .....4**

**Installation Instructions .....13**

Technical Specifications ..... 13

Site Requirements ..... 16

Installation .....21

Commissioning .....32

**Servicing Requirements .....33**

Fault Finding ..... 33

How to replace parts ..... 35

Basic spare parts list ..... 44

Service Records ..... 48

Information Requirement - Gas Heaters .....49



If you have purchased your stove or fire from an authorised stockist within our Expert Retailer Network, then automatically your product will carry a 2 year warranty as standard. The 2 year warranty can be further extended to a total warranty period of 5 years by registering your Gazco Stove or Fireplace within one month of the latter of the purchase date or installation date. Accordingly, the start date for the warranty period is the date of purchase. During the registration process, the Expert Retailer details will be required for your Extended Warranty to be activated. Any product purchased outside of our Expert Retailer Network will carry a standard 12 month, non-extendable warranty.

It is a condition of the Extended Warranty that the installation complies with the relevant Building Regulations and is carried out by a suitably trained and qualified individual (GasSafe in the UK or equivalent in other countries) with the certificate of installation and the Commissioning Report on Page 3 completed and retained by the end user.

Full terms and conditions are detailed in the Warranty Statement on the Gazco website [www.gazco.com](http://www.gazco.com). In the event of any conflict of information the wording on the website shall prevail.

Important Note: Should any problems be experienced with your product, claims must first be submitted to the Expert Retailer where the appliance was purchased from who will offer immediate assistance or contact Gazco on your behalf.



**It is a requirement of the Building Regulations 2010 that the installation of this appliance is notified to the Local Authority. It is the responsibility of the GasSafe registered installer to carry out this notification to the Local Authority via the GasSafe register Competent Persons Scheme in England and Wales (different rules apply in Scotland and Northern Ireland).**

**When the installation has been notified, GasSafe will send a Building Regulations Compliance Certificate to you containing details of the work completed. Please ensure that the person responsible for the installation of this appliance completes this notification and records it in the Appliance Commissioning Checklist on page 3.**

**IT IS YOUR RESPONSIBILITY TO COMPLY WITH THE BUILDING REGULATIONS AND BE ABLE TO PRODUCE THIS CERTIFICATE SHOULD IT BE REQUIRED IN THE FUTURE.**

# Appliance Commissioning Checklist

To assist us in any guarantee claim please complete the following information:-

## IMPORTANT NOTICE

Explain the operation of the appliance to the end user, hand the completed instructions to them for safe keeping, as the information will be required when making any guaranteed claims.

FLUE CHECK	PASS	FAIL	
1. Flue Is correct for appliance			
2. Flue flow Test N/A			
3. Spillage Test N/A			
GAS CHECK			
1. Gas soundness & let by test			
2. Standing gas pressure	mb		
3. Appliance working pressure (on High Setting) Minimum Pressure Requirement: NG - 17.5mbar LPG - 34.5mbar NB All other gas appliances must be operating on full	mb		
4. Gas rate	m <sup>3</sup> /h		
5. Does Ventilation meet appliance requirements N/A			
6. Have controls been upgraded (Upgradeable models only)	8455 Standard	YES	NO
	8456 Programmable Thermostatic and Timer	YES	NO
SAFETY CHECK			
1. Check soundness of the Thermocouple connections - including tightness and lead integrity			
2. Glass checked to ensure no damage, scratches, scores or cracks			
3. Glass frame secured correctly and all screws replaced			
BUILDING CONTROL NOTIFICATION	YES	NO	
1. Installer notified GasSafe/Local Authority of installation via Competent Persons Scheme?			

## RETAILER AND INSTALLER INFORMATION

<b>Retailer</b> .....	<b>Installation Company</b> .....
.....	.....
.....	.....
<b>Contact No.</b> .....	<b>Engineer</b> .....
<b>Date of Purchase</b> .....	<b>Contact No.</b> .....
<b>Model No.</b> .....	<b>GasSafe Reg No.</b> .....
<b>Serial No.</b> .....	<b>Date of Installation</b> .....
<b>Gas Type</b> .....	

# User Instructions

## Welcome

*Congratulations on purchasing your Huntingdon stove, if installed correctly Gazco hope it will give you many years of warmth and pleasure for which it was designed.*

*The purpose of this manual is to familiarise you with your appliance, and give guidelines for its installation, operation and maintenance. If, after reading, you need further information, please do not hesitate to contact your Gazco retailer.*

## WARNING



**In the event of a gas escape or if you can smell gas, please take the following steps:**

- **Immediately turn off the gas supply at the meter/emergency control valve**
- **Extinguish all sources of ignition**
- **Do not smoke**
- **Do not operate any electrical light or power switches (On or Off)**
- **Ventilate the building(s) by opening doors and windows**
- **Ensure access to the premises can be made**

**Please report the incident immediately to the National Gas Emergency Service Call Centre on 0800 111 999 (England, Scotland and Wales) , 0800 002 001 (N. Ireland) or in the case of LPG, the gas supplier whose details can be found on the bulk storage vessel or cylinder.**

**The gas supply must not be used until remedial action has been taken to correct the defect and the installation has been recommissioned by a competent person.**

## 1. General



**IMPORTANT: ALWAYS WEAR THE GLOVES PROVIDED WHEN HANDLING AN IVORY PAINTED APPLIANCE.**

- 1.1 Installation and servicing must only be carried out by a competent person whose name appears on the GasSafe register. To ensure the engineer is registered with GasSafe they should possess an ID Card carrying the following logo:



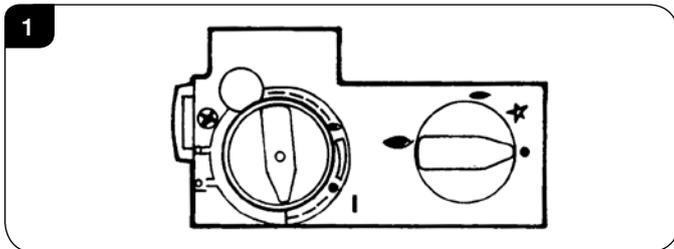
- 1.2 In all correspondence, please quote the appliance type and serial number which can be found on the data badge located at the rear of the appliance or on the Commissioning Checklist on Page 3.
- 1.3 **Do not** place curtains above the appliance: You must have 300mm clearance between the appliance and any curtains at either side.
- 1.4 The manufacturer considers the full outer casing of this stove to be a working surface and it will become hot whilst in operation. A suitable guard is recommended to protect young children, the aged and the infirm.
- 1.5 No furnishings or other objects should be placed within 1 metre of the front of the appliance.
- 1.6 If a shelf is fitted, a distance of 225mm above the appliance is required.
- 1.7 Do not attempt to burn rubbish in this appliance.
- 1.8 This appliance must only be operated with the door secured firmly in position. If any cracks appear in the glass the appliance must not be used until the glass panel is replaced.
- 1.9 If, for any reason, the flue has to be removed from the appliance, the seals must be replaced in the inner spigot.
- 1.10 Do not obstruct the flue terminal in any way i.e. by planting flowers, trees shrubs etc. in the near vicinity, or by leaning objects up against the terminal guard.
- 1.11 Do not put any objects on the terminal guard; it will lose its shape.
- 1.12 Do not use a garden sprinkler or hose near the terminal.
- 1.13 This product is guaranteed for 5 years from the date of installation, as set out in the terms and conditions of sale between Gazco and your local Gazco retailer. Please consult with your local Gazco retailer if you have any questions. In all correspondence always quote the Model Number and Serial Number.

# User Instructions

## 2. Operating the Appliance

2.1 The control valve is at the foot on the right-hand side of the appliance. It has two controls, see Diagram 1:

1. The right-hand knob controls the pilot ignition.
2. The left-hand knob controls the main burner.



2.2 Refer to separate instructions if your appliance is upgraded to include battery remote control. The instructions below apply whether or not you have the remote upgrade.

### Lighting the Pilot

2.3 To start the left-hand and right-hand control knobs must both point to off (●):

2.4 Press in the right-hand control knob and rotate anti-clockwise until a click is heard. Continue to press in. The knob points to the pilot (←).

The pilot is lit.

2.5 Keep the knob depressed for 10 seconds before releasing. The pilot remains lit.

Repeat the above steps if the pilot does not stay lit.

**NOTE: If the pilot goes out, the Interlock system prevents you lighting again for a short period.**

2.6 If, after repeating the above steps the pilot does not light, contact your Retailer or Installer.

2.7 Turn the right-hand knob to the left to main burner setting (↔).

### Adjusting the Flame height

2.8 You can now adjust the flame height and temperature using the left-hand control knob.

2.9 Turn the left-hand knob anti-clockwise to increase the flame height.

2.10 Turn clockwise to decrease the height.



**IMPORTANT: YELLOW FLAMES TYPICALLY APPEAR WHEN THE APPLIANCE HAS REACHED NORMAL OPERATING TEMPERATURE. THIS CAN TAKE UP TO 30 MINUTES.**



**WARNING: IF THE APPLIANCE FAILS TO LIGHT OR BECOMES EXTINGUISHED IN USE, WAIT 3 MINUTES BEFORE ATTEMPTING TO RELIGHT.**

## 3. Turning OFF the Appliance

3.1 To turn the main burner off turn the left-hand knob until it points to off (●). Just the pilot remains lit.

3.2 Press in and turn the right-hand knob until it points to off (●). The pilot goes out.

## 4. Upgrading the Appliance

4.1 The appliance is fitted with a control valve that can easily be upgraded to battery powered remote control. There are two versions of this control which can be obtained through your local Gazco retailer.

There is no requirement for this upgrade to be carried out by an approved GasSafe engineer. However Gazco recommend that this task is undertaken by a suitably competent person.

4.2 This upgrade can be fitted before or after installation but if side clearances are limited then it will be easier to upgrade the appliance before installation. Full instructions are included with the kit.



**If the appliance is left unattended for long periods of time (e.g. vacation), it is recommended to place the control valve in the Off or Pilot position.**

**Take care when leaving the appliance unattended, in exceptional circumstances sound waves from sources other than the transmitter can cause changes in the flame height adjustment.**

**DO NOT install two or more appliances using upgradeable controls in the same room, interference between the remote control frequencies can occur.**

### Standard Remote Control (PART NUMBER 8455)

4.3 This remote control can control the gas appliance after the pilot has been lit. It can turn the main burner on and regulate it from low through to high and back again. It can turn the main burner off leaving the pilot burning.

### Thermostatic and Timer Remote Control (PART NUMBER 8456)

4.4 This remote control can control the gas appliance after the pilot has been lit.

#### MANUAL MODE

Can be used to turn the main burner on and manually regulate it from low through to high and back again. It can also be used to turn the main burner off leaving the pilot burning.

#### AUTO MODE

Will automatically regulate the room to a pre-set temperature.

#### TIMER MODE

Will turn the appliance on and off according to a pre-set programme and automatically regulate the room temperature during the two on periods.

# User Instructions

## 5. Cleaning the Appliance



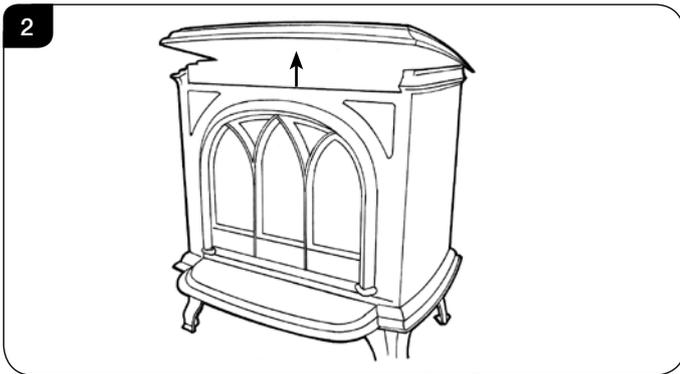
**WARNING: NEVER CLEAN THE APPLIANCE WHILE IT'S HOT. THE APPLIANCE STAYS HOT FOR A LONG TIME AFTER SHUTDOWN.**

**IMPORTANT: THE OUTER PANELLING OF THE APPLIANCE IS MADE FROM CAST IRON. USE CAUTION WHEN INSTALLING, REMOVING AND STORING AS THE COMPONENTS ARE HEAVY AND SHOULD BE HANDLED CAREFULLY.**

- 5.1 Make sure the appliance and surrounds are cool before cleaning.

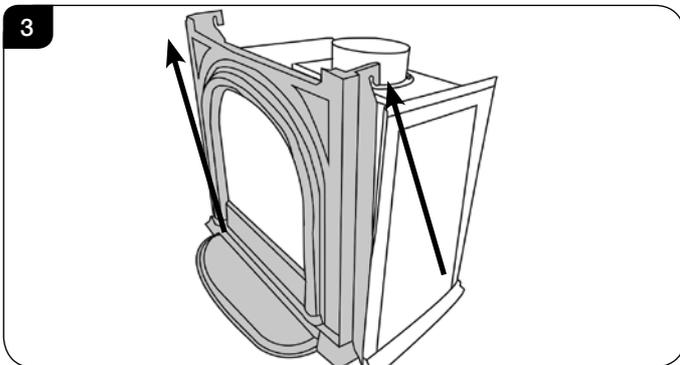
### REMOVING THE DOOR

- 5.2 For rear flue exit lift the top of the appliance off and put to one side.
- 5.3 For top flue exit lift and support the top to give clearance, see Diagram 2.



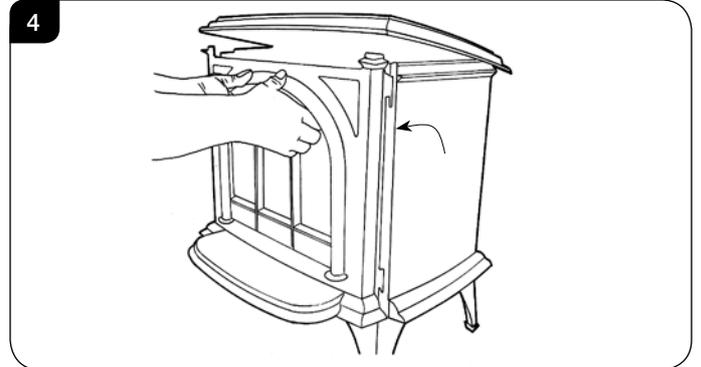
### Huntingdon 20 and 40

- 5.4 Supporting the door top and bottom pull forwards whilst lifting the front upwards at a 45° angle until it is clear of the slots and pull away from the appliance, see Diagram 3.



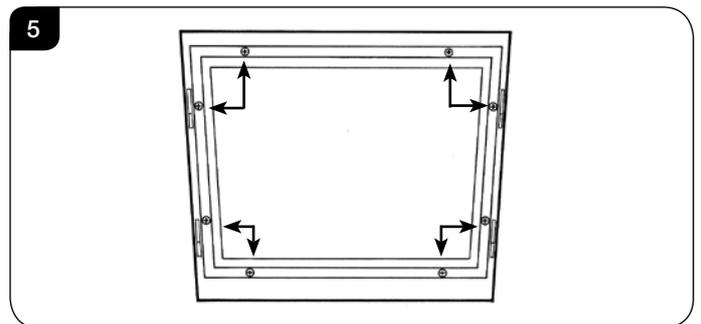
### Huntingdon 30

- 5.5 Lift the front upwards until it is clear of the slots and pull away from the appliance, see Diagram 4.



### All Models

- 5.6 Remove the glass frame by undoing the fixing screws and lifting clear, see Diagram 5. **Take care to support the glass window panel when removing the screws.**



- 5.7 Place carefully to one side.
- 5.8 Lift out the log guard.
- 5.9 Carefully remove the ceramic fuel bed components and set aside. Protect the floor coverings and follow the advice given in Section 7.
- 5.10 The logs do not require cleaning. Do not use a vacuum cleaner or brush to clean the logs, any large pieces of debris can be removed by hand.
- 5.11 Ensure any debris is removed from the burner ports.
- 5.12 Replace the ceramics, see Section 7.
- 5.13 Ensure that the rope seal on the back of the glass frame is intact and replace the screws working from the top down. Tighten the screws evenly **DO NOT OVER TIGHTEN**, see Diagram 5.
- 5.14 Replace ALL of the securing screws ensuring that a screw is present in all fixing slots.



**UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED IF ANY OF THE FRAME RETAINING SCREWS ARE LOOSE OR MISSING.**

# User Instructions

5.15 With the top still supported or removed refit front by locating in grooves and lowering into place, see Diagrams 3 (Huntingdon 20 & 40) or 4 (Huntingdon 30).

5.16 Replace top, see Diagram 2.

**NEVER OPERATE THE APPLIANCE WHEN THE GLASS FRAME IS REMOVED, OR THE GLASS IS BROKEN.**

5.17 Use a damp cloth to clean the outer casing of the appliance.

## 6. Cleaning Ivory Painted Appliances

6.1 **Allow the appliance to cool thoroughly to avoid risk of burns.**

6.2 Ivory painted appliances require special attention when cleaning. They have been coated with a high quality paint that should give many years of service. However, this colour will mark more easily and require cleaning more than other models.

6.3 Take care when touching the appliance to avoid marking the paint. Most marks can be removed using a mild soap solution and a clean lint free cloth. The finish can also be refreshed using aerosol touch up paint (product code 2055) available from your Gazco retailer.

## 7. Arrangement of Fuel Bed

### Advice on handling and disposal of fire ceramics



The fuel effect in this appliance are made from Refractory Ceramic Fibre (RCF), a material which is commonly used for this application.

Protective clothing is not required when handling these articles, but we recommend you follow normal hygiene rules of not smoking, eating or drinking in the work area and always wash your hands before eating or drinking.

To ensure that the release of RCF fibres are kept to a minimum, during installation and servicing a HEPA filtered vacuum is recommended to remove any dust accumulated in and around the appliance before and after working on it. When servicing the appliance it is recommended that the replaced items are not broken up, but are sealed within heavy duty polythene bags and labelled as RCF waste.

RCF waste is classed as stable, non-reactive hazardous waste and may be disposed of at a licensed landfill site.

Excessive exposure to these materials may cause temporary irritation to eyes, skin and respiratory tract; wash hands thoroughly after handling the material.

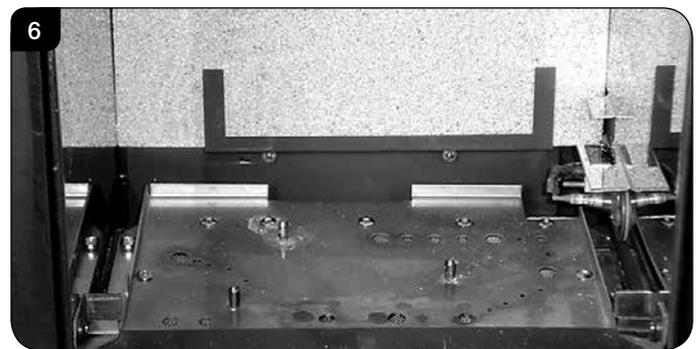
## 8. Log Layout

**LOGS MUST BE POSITIONED ACCORDING TO THE FOLLOWING INSTRUCTIONS TO GIVE THE CORRECT FLAME EFFECT**

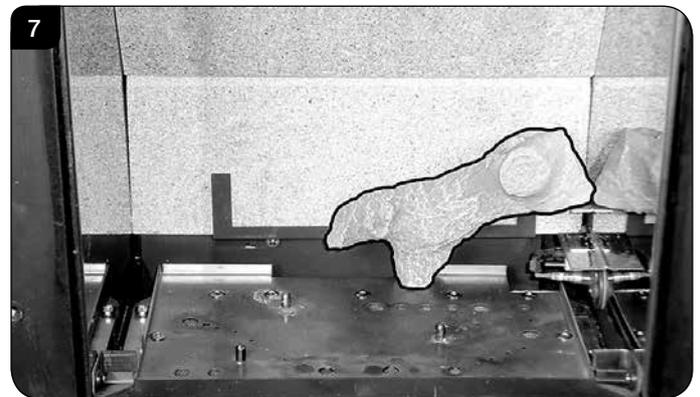
### Huntingdon 20 layout

All logs can be identified by a letter (A - E) on their underside. Logs B and E also have holes to locate each onto a burner stud.

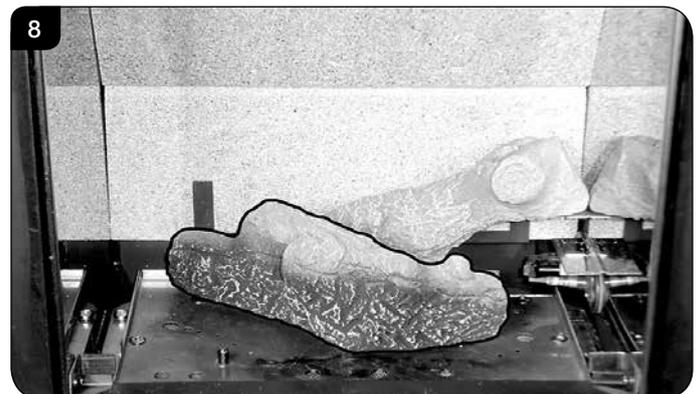
8.1 Ensure the burner tray is clean and free from any debris, see Diagram 6.



8.2 Place Log A on the higher rear bracket and push up against the back panel, see Diagram 7.

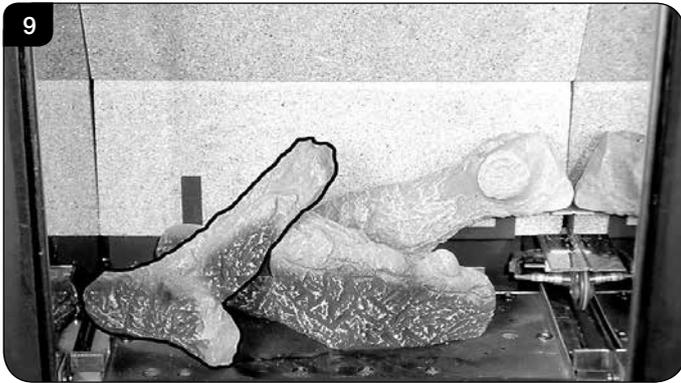


8.3 Place Log B over the two middle studs on the burner tray, see Diagram 8.



# User Instructions

- 8.4 Place Log E onto the stud and behind the tag on the left hand side of the burner tray. Rest against Log B, see Diagram 9.



- 8.5 Place the small Ember at the front left of the firebox, against the rear of the log support bracket to obscure the reflection of the burner screw.

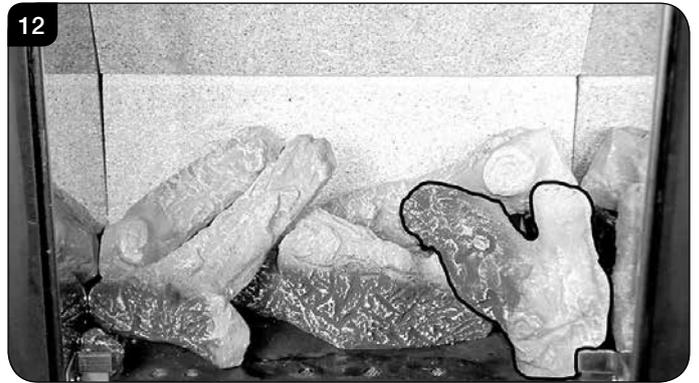
Place the larger Ember on the lower bracket above the pilot on the right hand side with the thicker edge facing the front and flat edges to the base and side, see Diagram 10.



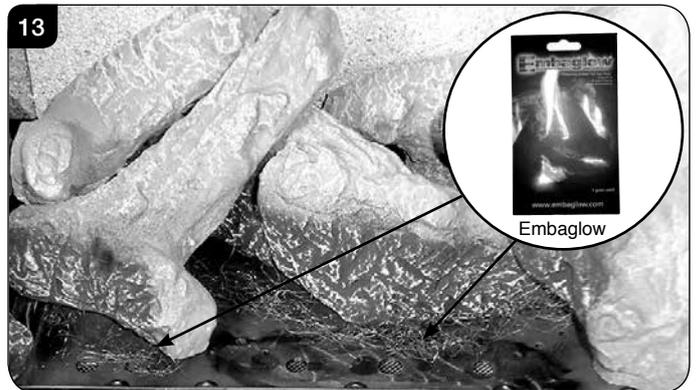
- 8.6 Log C rests on the cutout on Log E and is pushed up to the side and rear of the firebox, see Diagram 11.



- 8.7 Place the pointed bottom of log D into the corner of the burner tray and rest on the location stud on log B, see Diagram 12.



- 8.8 Sparingly spread an amount of the Embaglow fibres provided and ensure the ports in the burner tray are covered, see Diagram 13. Take care not to use more than half a packet per application.



- 8.9 Lower log guard into position, see Diagram 14.



# User Instructions

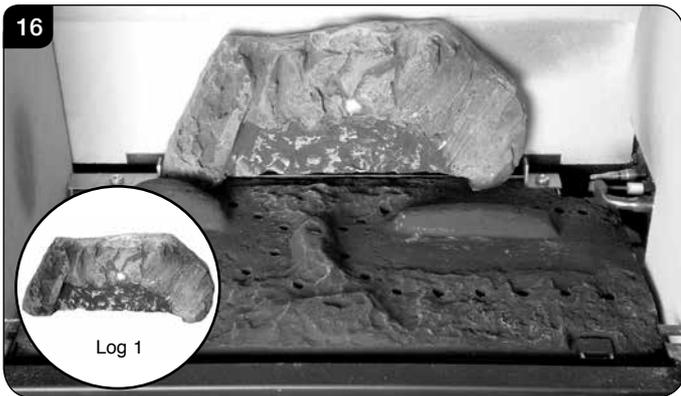
## Huntingdon 30 layout

- 8.10 Ensure the burner tray is clean and free from any debris, see Diagram 15.

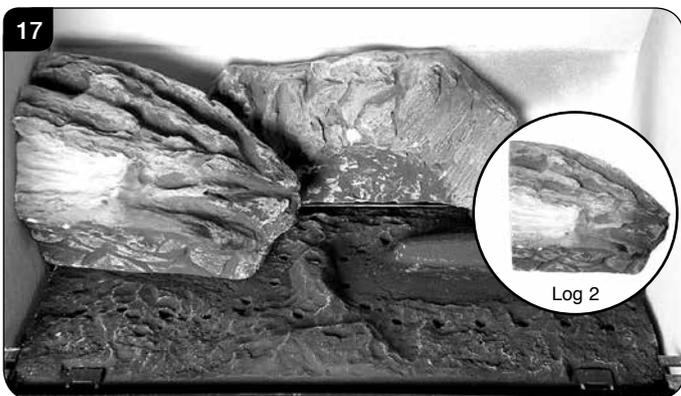


The three logs that make up the fuel bed are visually distinct and fit into specific parts on the burner tray.

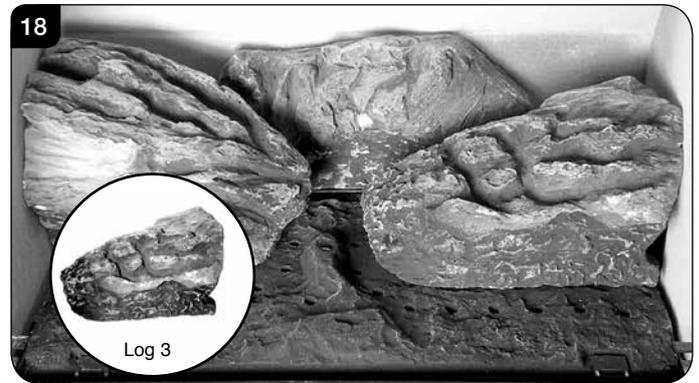
- 8.11 Place the rear log into position between the rear brackets and pushed up against the back panel, see Diagram 16.



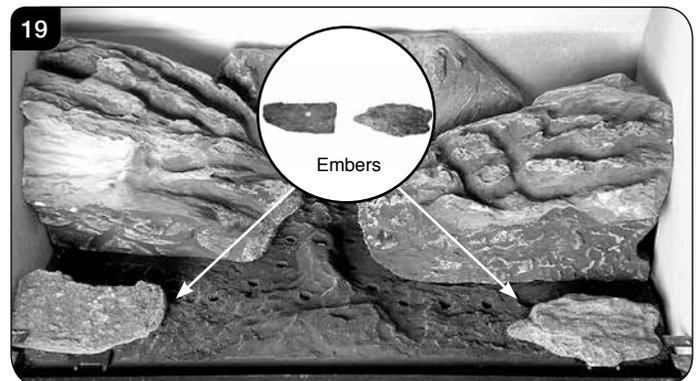
- 8.12 Place the second log into the left hand groove on the burner tray, see Diagram 17. The log should butt up against the raised molding and the left hand side liner.



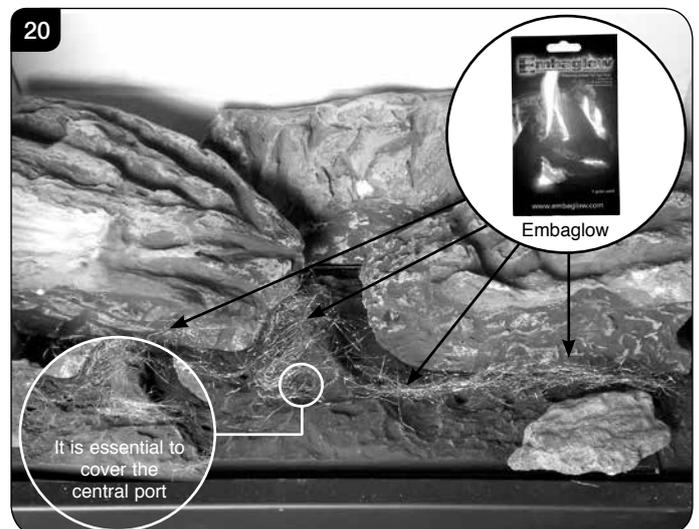
- 8.13 Place the third log into the groove on the right hand side, see Diagram 18. The log should butt up against the raised molding and the right hand side liner.



- 8.14 Once the logs are in there are two embers which can be loosely placed at the front of the fuel bed and cover the tabs securing the burner tray, see Diagram 19.

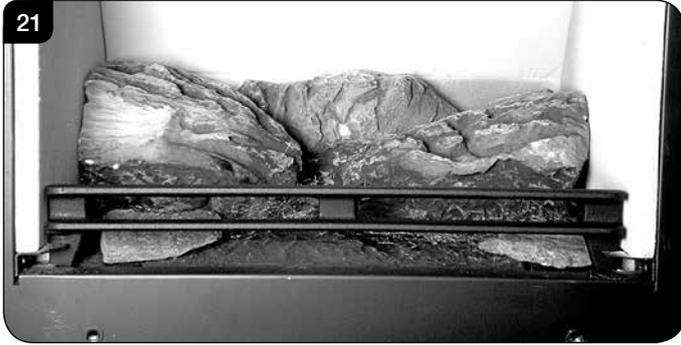


- 8.15 Sparingly spread an amount of the Embaglow fibres provided and ensure the ports in the burner tray are covered, see Diagram 20. **It is essential to cover the port in the middle of the burner tray in order to get the most visually appealing flame picture.**  
NOTE: Take care not to use more than half a packet per application.



# User Instructions

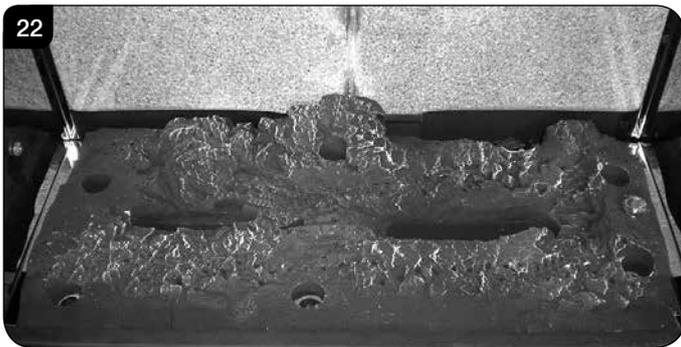
8.16 Fix log guard into position, see Diagram 21.



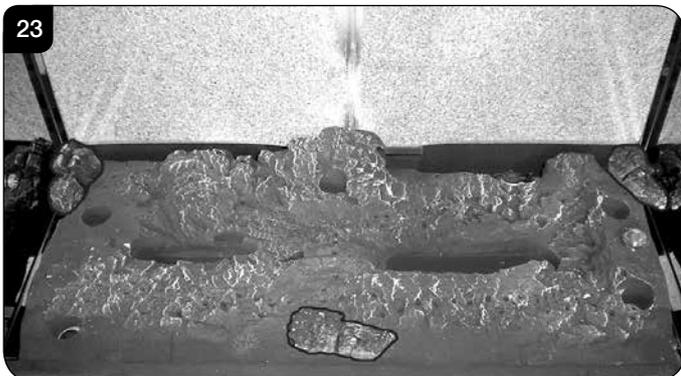
## Huntingdon 40 layout

The logs for the fuel bed are clearly individually labelled, A to D.

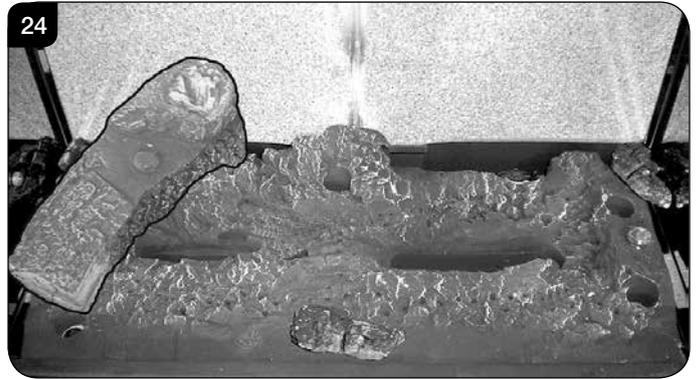
8.17 Ensure the burner tray is clean and free from any debris, see Diagram 22.



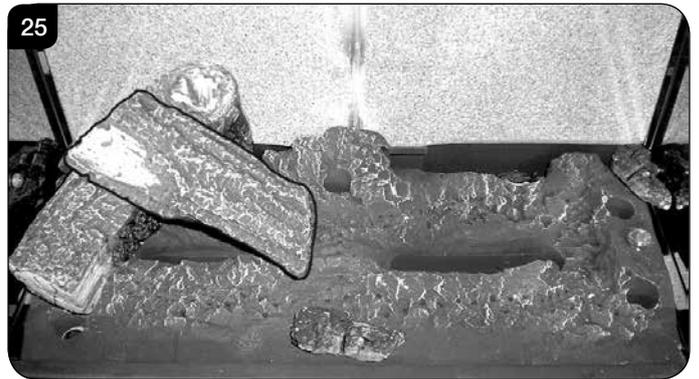
8.18 There are 3 embers. Place 2 embers in the back corners of the burner, resting in the cut outs, see Diagram 23. Place the last ember loosely at the front of the fuel bed to cover the hole in the centre.



8.19 Place Log D on the left hand side of the burner. There is a hole on the underside of Log D which fits over the raised stud on the left of the burner. The back of the log should rest flat against the back panel, see Diagram 24.

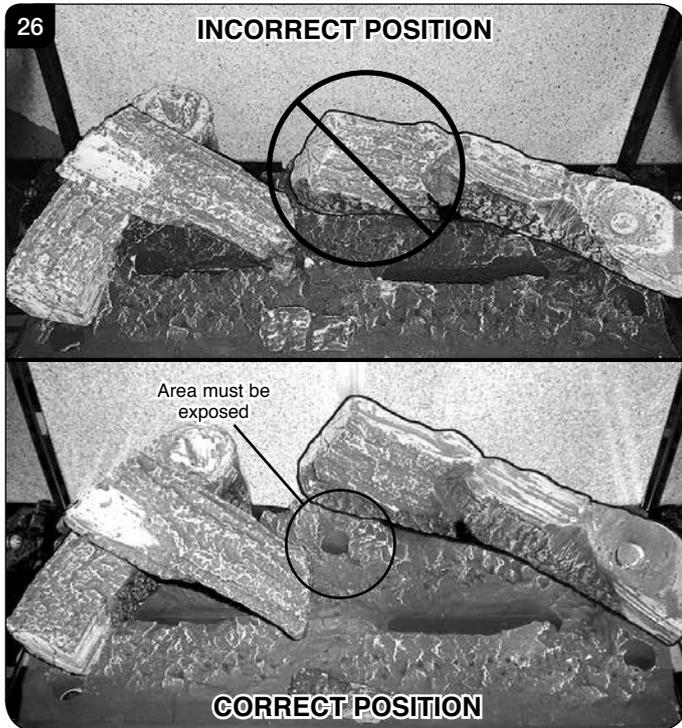


8.20 Place Log B on top of Log D. There is a hole on the underside of Log B which fits over the raised stud on Log D to secure in place. The right hand side of the log rests in the groove in the burner, see Diagram 25.



# User Instructions

- 8.21 Place Log C on the right hand side of the burner. There is a hole on the underside of Log C which fits over the raised stud on the right of the burner. The back of the log should rest flush against the back panel, see Diagram 26.



- 8.22 Place the log guard into position on the grooves on the sides of the firebox, see Diagram 27.

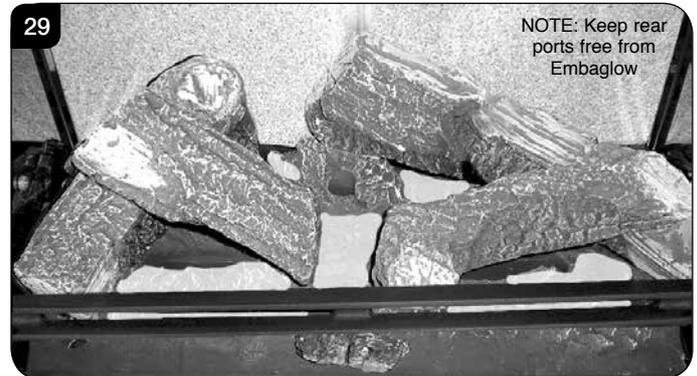


- 8.23 Place Log A across Log C. There is a hole on the underside of Log A which fits over the raised stud on Log C to secure in place. The small cut out on the left side of the log rests onto the log guard, see Diagram 28.



- 8.24 Sparingly spread an amount of the Embaglow fibres provided and ensure the ports in the burner tray are covered, see Diagram 29. Take care not to use more than half a packet per application.

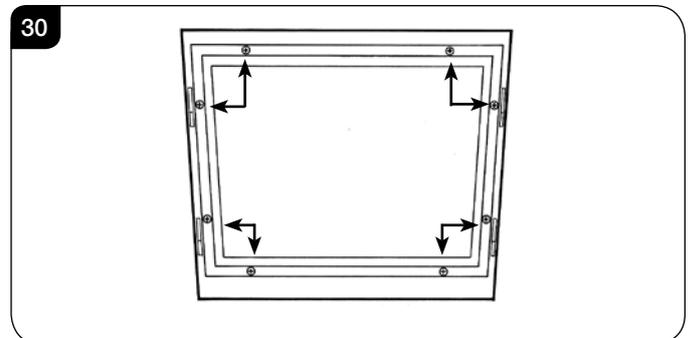
**IT IS ESSENTIAL TO KEEP THE REAR GAS PORTS FREE FROM OBSTRUCTION.**



- 8.25 Use a ceramic glass product generally sold for cleaning ceramic hobs to clean the glass front.

The glass frame must be refitted to the appliance following cleaning or servicing.

- 8.26 Ensure that the rope seal on the back of the glass frame is intact and replace the screws working from the top down. Tighten the screws evenly **DO NOT OVER TIGHTEN**, see Diagram 30.



- 8.27 Replace ALL of the securing screws ensuring that a screw is present in all fixing slots.

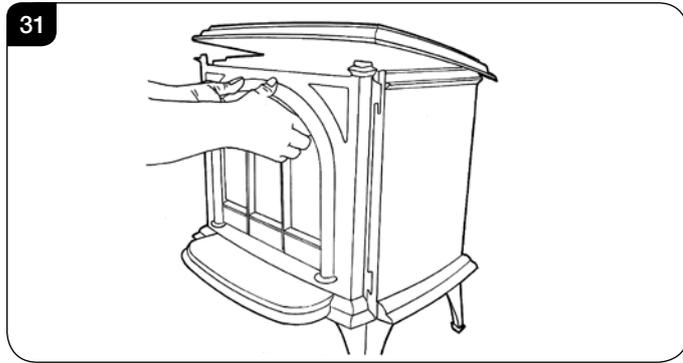


**UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED IF ANY OF THE FRAME RETAINING SCREWS ARE LOOSE OR MISSING.**

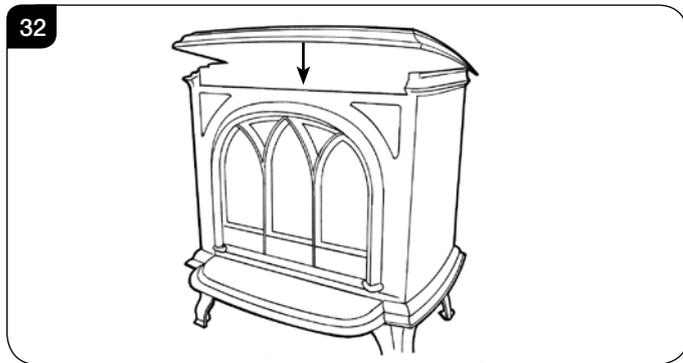
**NEVER OPERATE THE APPLIANCE WHEN THE GLASS FRAME IS REMOVED, OR THE GLASS IS BROKEN.**

# User Instructions

- 8.28 With the top still supported or removed refit front by locating in grooves and lowering into place, see Diagram 31.



- 8.29 Now replace top, see Diagram 32.



## 9. Flame Failure Device

- 9.1 This is a safety feature incorporated on this appliance which automatically switches off the gas supply if the pilot goes out and fails to heat the thermocouple.

**IF THIS OCCURS DO NOT ATTEMPT TO RELIGHT THE APPLIANCE FOR 3 MINUTES.**

## 10. Running In

- 10.1 During initial use of a new Gazco appliance a strong odour will be encountered as various surface coatings become hot for the first time. Although these odours are harmless it is recommended that the appliance is operated on maximum for 4 to 8 hours in order to fully burn off these coatings. After this period the odours should then disappear.

If the odours persists, please contact your installer for advice.

- 10.2 During the first few hours of burning there may be discolouration of the flames. This will also disappear after a short period of use.

## 11. Servicing

- 11.1 The appliance must be serviced every 12 months by a qualified GasSafe Engineer. In all correspondence always quote the Model number and the Serial number which may be found on the Commissioning Checklist (Page 3).

## 12. Ventilation

- 12.1 This appliance requires no additional ventilation.

## 13. Installation Details

- 13.1 Your installer should have completed the commissioning sheet at the front of this book. This records the essential installation details of the appliance. In all correspondence always quote the Model number and Serial number.

## 14. Hot Surfaces

- 14.1 Parts of this appliance become hot during normal use. Regard all parts of the appliance as a 'working surface'.
- 14.2 Provide a suitable fire guard to protect young children and the infirm.

# Installation Instructions

## Technical Specification

Covering the following models:

Model		HUNTINGDON 20		HUNTINGDON 30		HUNTINGDON 40	
		NAT GAS	LPG	NAT GAS	LPG	NAT GAS	LPG
Black	Tracery Door	515-098	515-502	515-257	515-561	515-224	515-628
	Clear Door	515-125	515-529	515-139	515-726	515-251	515-673
Ivory	Tracery Door	515-107	515-511	515-395	515-664	515-233	515-646
	Clear Door	515-134	515-545	515-165	515-739	515-269	515-682
Matt Ivory	Tracery Door	515-116	515-520	515-333	515-712	515-242	515-655
	Clear Door	515-143	515-556	515-191	515-765	515-278	515-691

Model	Gas CAT.	Gas Type	Working Pressure	NOx	Aeration	Injector	Gas Rate m <sup>3</sup> /h	Input kW (Gross)		Country
								High	Low	
Huntingdon 20	I <sub>2</sub> H	Natural Gas (G20)	20mbar		6mm x 6mm	185	0.305	3.2	2.0	GB, IE
	I <sub>3</sub> P	Propane (G31)	37mbar		8mm x 15mm	90	0.117	3.1	2.0	
Huntingdon 30	I <sub>2</sub> H	Natural (G20)	20mbar	4	6mm x 10mm	158	0.409	4.3	2.5	
	I <sub>3</sub> P	Propane (G31)	37mbar	3	6mm x 10mm (1) 16mm x 23mm (1)	110	0.162	4.3	2.5	
Huntingdon 40	I <sub>2</sub> H	Natural Gas (G20)	20mbar		2 x 9mm	390	0.628	6.6	3.9	
	I <sub>3</sub> P	Propane (G31)	37mbar		2 x 18mm	185	0.248	6.6	3.7	
Rear Exit Wall Thickness - Min 200mm/ Max 550mm										
Huntingdon 20: Efficiency Class 1 - 85.1% Huntingdon 30: Efficiency Class 1 - 95.4% Huntingdon 40: Efficiency Class 1 - 90.8%										
Flue Outlet Size ø 150mm, Flue Inlet Size ø 100mm										
Gas Inlet Connection Size ø 8mm										

**i** The net efficiency of this appliance has been measured as specified in EN613:2001 and the result after conversion to gross using the appropriate factor from Table E4 of SAP 2012 is 75.5% (Huntingdon 20), 85.95% (Huntingdon 30), or 81.81% (Huntingdon 40). The test data has been certified by Kiwa Nederland B.V. The gross efficiency value may be used in the UK Government's Standard Assessment Procedure (SAP) for energy rating of dwellings.

# Installation Instructions

## Technical Specification

RESTRICTOR REQUIREMENT				
VERTICAL & HORIZONTAL FLUE			TOP EXIT - VERTICAL ONLY INCLUDING OFFSET	
HUNTINGDON 30			HUNTINGDON 30	
Vertical Flue Height	Horizontal Length	Restrictor Size	Vertical Flue Height	Restrictor Size
500mm - 999mm	250mm - 1000mm	No restrictor	3000mm - 4999mm	Ø 52mm (Sliding)
1000mm - 1999mm	250mm - 1000mm	Ø 60mm	5000mm - 10,000mm	Ø 40mm (Sliding)
2000mm - 3000mm	250mm - 5000mm	Ø 52mm		

RESTRICTOR REQUIREMENT NAT. GAS				
VERTICAL & HORIZONTAL FLUE			TOP EXIT - VERTICAL ONLY INCLUDING OFFSET	
HUNTINGDON 40			HUNTINGDON 40	
Vertical Flue Height	Horizontal Length	Restrictor Size	Vertical Flue Height	Restrictor Size
500mm - 999mm	Up to 1000mm	Ø 80mm	3000mm - 5999mm	Ø 47mm (Sliding)
1000mm - 1499mm	Up to 1000mm	Ø 70mm	6000mm - 10000mm	Ø 40mm (Sliding)
1500mm - 3000mm	Up to 2000mm	Ø 60mm		
1500mm - 3000mm	2000mm - 5000mm	Ø 70mm		

RESTRICTOR REQUIREMENT LPG				
VERTICAL & HORIZONTAL FLUE			TOP EXIT - VERTICAL ONLY INCLUDING OFFSET	
HUNTINGDON 40			HUNTINGDON 40	
Vertical Flue Height	Horizontal Length	Restrictor Size	Vertical Flue Height	Restrictor Size
500mm - 999mm	Up to 1000mm	N/A	3000mm - 5999mm	Ø 52mm (Sliding)
1000mm - 1499mm	Up to 1000mm	Ø 80mm	6000mm - 10000mm	Ø 47mm (Sliding)
1500mm - 3000mm	Up to 2000mm	Ø 70mm		
2000mm - 3000mm	2000mm - 5000mm	Ø 80mm		

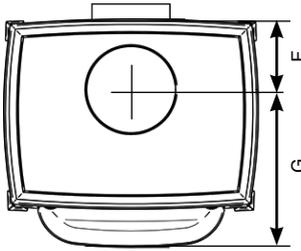
# Installation Instructions

## Technical Specification

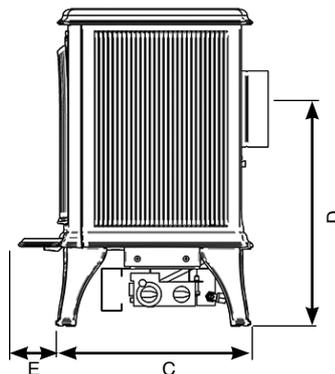
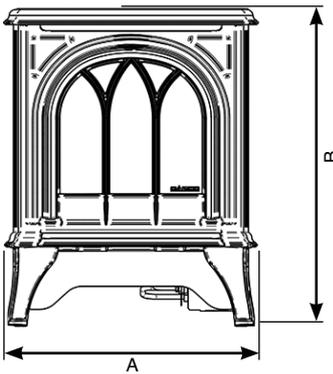
This appliance has been certified for use in countries other than those stated. To install this appliance in these countries, it is essential to obtain the translated instructions and in some cases the appliance will require modification. Contact Gazco for further information.

### PACKING CHECKLIST

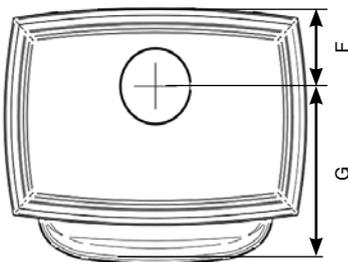
Qty Description	Fixing Kit containing:-
1 x Appliance	1 x Instruction manual
1 x Flue infill plate	1 X 40mm Ø Flue Restrictor
1 x Log set	1 x 80mm Ø Flue Restrictor
1 x Packet of Embaglow	



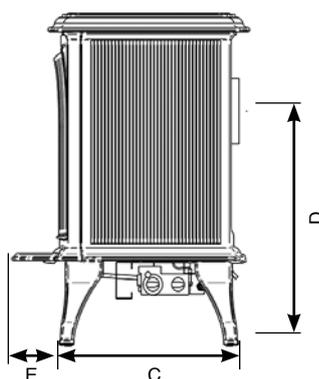
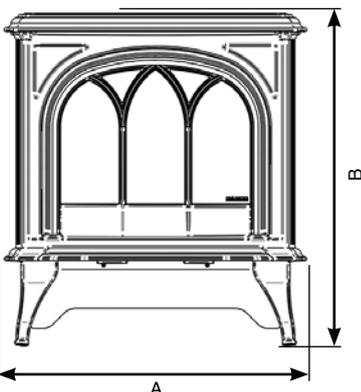
HUNTINGDON 20 & 30							
	A	B	C	D	E	F	G
<b>Huntingdon 20</b>	416	535	320	386	62	160	225
<b>Huntingdon 30</b>	553	592	351	422	96	195	284



Huntingdon 20: Rear exit only



HUNTINGDON 40							
	A	B	C	D	E	F	G
<b>Huntingdon 40</b>	641	653	382	510	99	183	321



# Installation Instructions

## Site Requirements

### 1. Flue and Chimney Requirements

**Note: This appliance must only be installed with the flue supplied.**

You must adhere to the following:

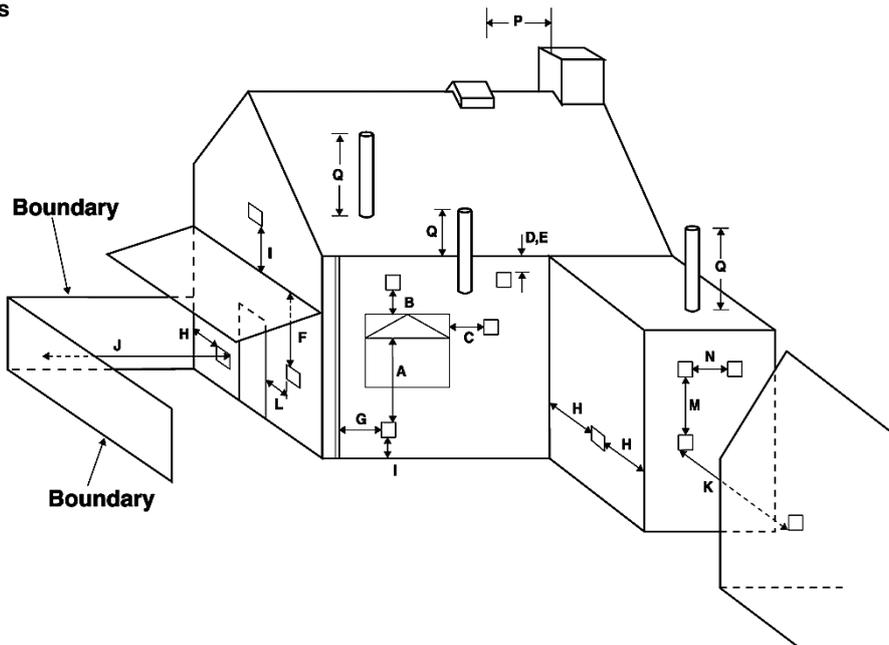
- 1.1 The flue must be sited in accordance with BS5440: Part 1 (latest edition), see Diagram 1.
- 1.2 Fit a guard to protect people from any terminal less than 2 metres above any access such as level ground, a balcony or above a flat roof.
- 1.3 All horizontal flues must be securely fixed and fire precautions followed in accordance with local and national codes of practice.
- 1.4 A restrictor may be required. Refer to Technical Specifications on page 14.

### 2. Timber Framed Buildings

- 2.1 To prevent a fire hazard, you must provide additional clearance when the appliance passes through a wall containing any combustible materials.
- 2.2 A steel sleeve must be inserted into the hole through which the flue passes to give an air gap of 25mm between the sleeve and any outside surface of the flue.
- 2.3 Contact your local buildings authority for further guidance on installing gas fires in timber framed buildings.

**Note: Make sure you provide adequate clearance at the sides and back of the appliance for servicing access.**

### 1 UK Dimensions



Dimension	Terminal Position	Minimum Distance
A*	Directly below an opening	600mm
B*	Above an opening	300mm
C*	Horizontally next to an opening	400mm
D	Below gutters, soil pipes or drain pipe	300mm
E	Below eaves	300mm
F	Below balcony or car port roof	600mm
G	From a vertical drain pipe or soil pipe	300mm
H	From an internal or external corner or to a boundary alongside the terminal	600mm
I	Above ground, roof or balcony level	300mm

Dimension	Terminal Position	Minimum Distance
J	From a surface or boundary facing the terminal	600mm
K	From a terminal facing the terminal	600mm
L	From an opening in the car port (e.g. door, window) into the dwelling	1200mm
M	Vertically from a terminal on the same wall	1200mm
N	Horizontally from a terminal on the same wall	300mm
P	From a structure on the roof	600mm
Q	Above the highest point of intersection with the roof	300mm

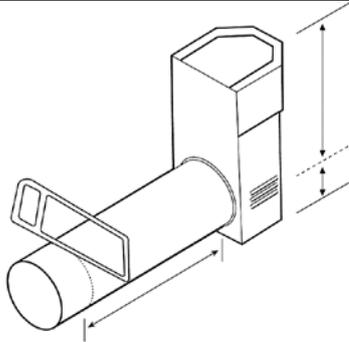
\* In addition, the terminal should not be nearer than 300mm to an opening in the building fabric formed for the purpose of accommodating a built-in element such as a window frame.

# Installation Instructions

## Site Requirements

### 3. Rear Flue

2



Terminal dimensions:  
395 x 200 x 200 mm (H x W x D)  
Guard supplied  
Cut to length as required on site (see Diagram 2).

### 4. Top Exit Flues - Huntingdon 30 & 40 only

There are two types of flue terminal: horizontal and vertical.  
For vertical see Section 4D.

#### 4a. For horizontal terminal installations

- 4.1 Decide on the terminal position.
- 4.2 Measure the height from the top of the appliance to the centre of the required hole. For minimum and maximum dimensions see Diagram 3.
- 4.3 To fit the flue you must have access to the top or the side of the appliance to connect the flue.
- 4.4 Assemble the vertical sections making sure the top plate and flue collar are fitted before the fluepipe.
- 4.5 Add the 90° elbow.
- 4.6 Add the horizontal section and terminal. **Only the horizontal part can be reduced in size.**
- 4.7 A masonry installation requires the addition of a suitable lintel to support the opening. Refer to Installation Instructions, Technical Information for details of the flue length.

### 4b. Top Flue Up and Out Kit

- 4.8 This flue rises vertically from the top of the appliance, then continues horizontally outward, see Diagram 3a or 3b.

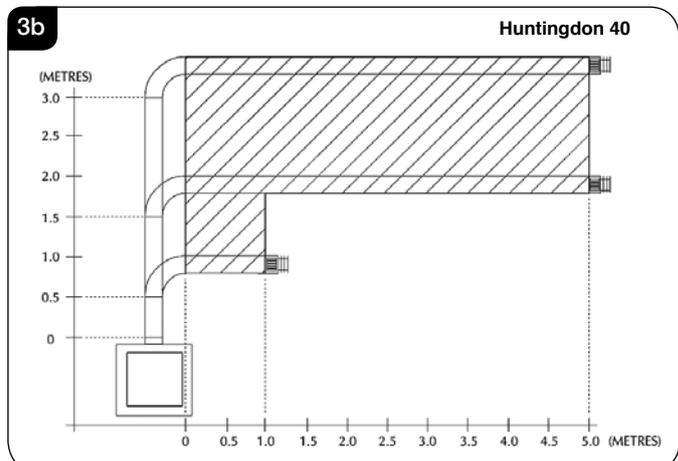
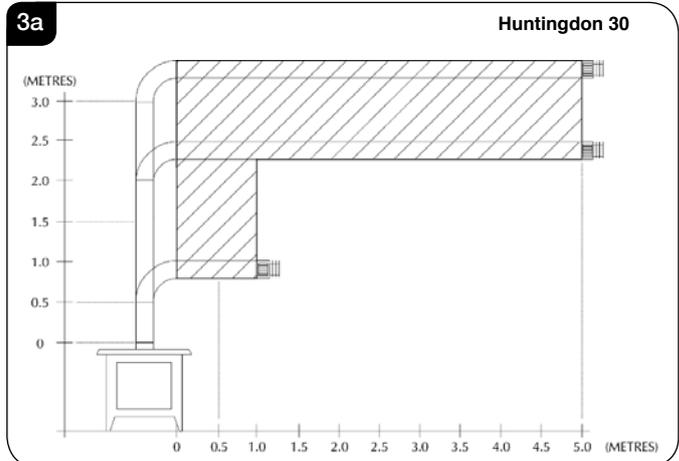
The basic kit comprises:

#### Huntingdon 30 8523/8523AN

- 1 x 500mm vertical length
- 1 x 500mm terminal length
- 1 x 90 degree elbow
- 1 x wall plate
- 1 x 75mm restrictor
- 4 x fixing screw
- 1 x 52mm restrictor
- 1 x 60mm restrictor

#### Huntingdon 40 8509/8509AN

- 1 x 500mm vertical length
- 1 x 200mm vertical length
- 1 x 500mm terminal length
- 1 x 90 degree elbow
- 1 x wall plate
- 1 x 60mm/70mm/75mm restrictor
- 4 x fixing screws



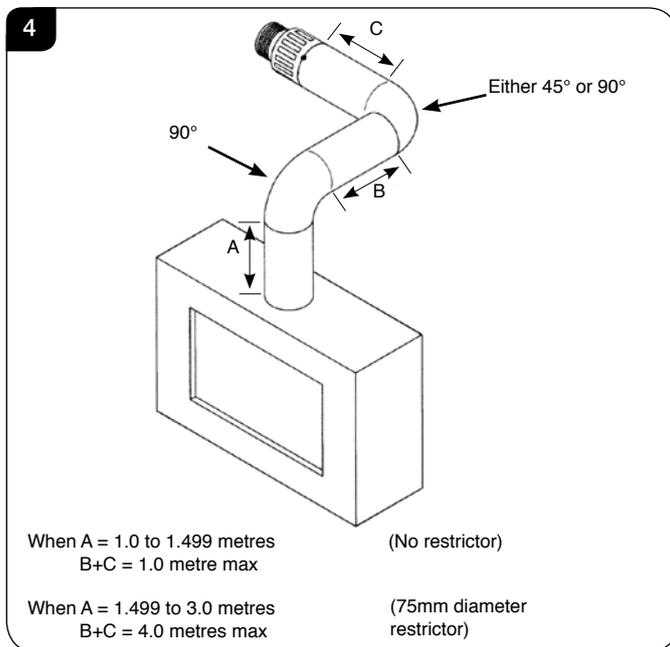
# Installation Instructions

## Site Requirements

- 4.9 This kit provides the minimum materials. Extra lengths can be added to the vertical and horizontal sections; refer to Section 5.
- 4.10 Refer to Installation Instructions, Technical Specification to identify when to use a restrictor.

### 4c. Top Flue Up and Out with Additional Bend

- 4.11 An additional bend can be used on the horizontal section (45° or 90°) but the overall horizontal flue is reduced, see Diagram 4.



### 4d. Top Flue Vertical Kit (999-539/999-539AN)

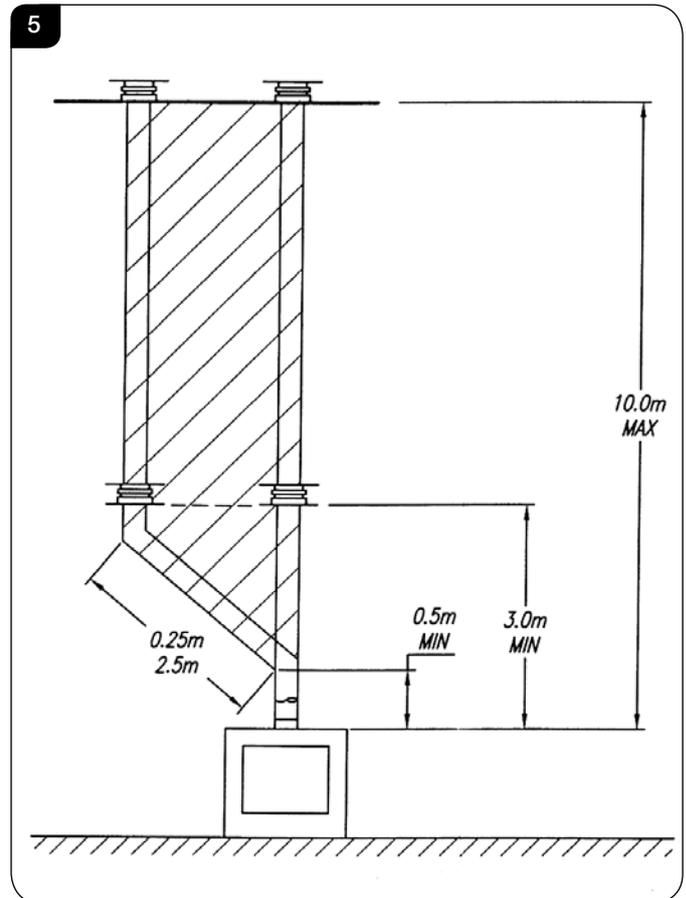
- 4.12 This flue is vertical from the top of the appliance, see Diagram 5. A minimum vertical rise of 3m (9'10") to a maximum of 10m (32'10").

The basic kit comprises:

- 2 x 1m lengths
- 1 x 1m terminal lengths
- 1 x 52mm restrictor (sliding plate assembly)
- 1 x 47mm restrictor (sliding plate assembly)

### ALL MODELS

- 4.13 Extra lengths can be added, see Diagram 5.
- 4.14 Refer to Installation Instructions, Technical Specification to identify when to use a restrictor.



### 4e. Top Flue Vertical Offset Kit (8530/8530AN)

- 4.15 Used with kit 999-539. A minimum rise of 500mm (19½") is required to the first bend, see Diagram 5.

# Installation Instructions

## Site Requirements

### 5. Optional Extra Flue Lengths and Bends

Nominal Length	Actual Length	Stainless Finish	Anthracite Finish
200mm	140mm	8527	8527AN
500mm	440mm	8528	8528AN
1000mm	940mm	8529	8529AN
45° Bend	N/A	8507	8507AN
90° Bend	N/A	8508	8508AN
Optional Flue Collar		8548MB	

### 6. Gas Supply

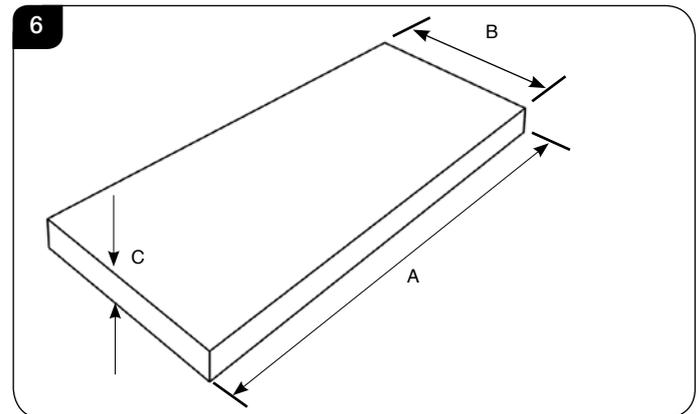
**THIS APPLIANCE IS INTENDED FOR USE ON A GAS INSTALLATION WITH A GOVERNED METER.**

- 6.1 Before installation, ensure that the local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible.
- 6.2 Ensure the gas supply delivers the required amount of gas and is in accordance with the rules in force.
- 6.3 You can use soft copper tubing on the installation and soft soldered joints outside the appliance and below the fire.
- 6.4 A means of isolating the gas supply to the appliance must be provided independent of any appliance control.
- 6.5 All supply gas pipes must be purged of any debris that may have entered prior to connection to the appliance.
- 6.6 The gas supply must be installed in a way that does not restrict the removal of the appliance for servicing and inspection.

### 7. Appliance Location

#### HEARTH INSTALLATION

- 7.1 Building Regulations state this appliance must stand on a non-combustible hearth that is at least 12mm thick and projects 50mm minimum from the base of the appliance in all directions, however Gazco recommend the hearth extends to the following dimensions, see Diagram 6.



Dimension	A	B	C
Huntingdon 20	716	420	12
Huntingdon 30	853	451	12
Huntingdon 40	941	482	12

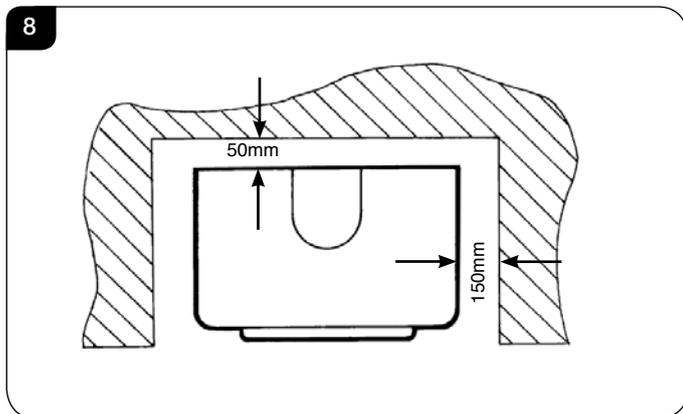
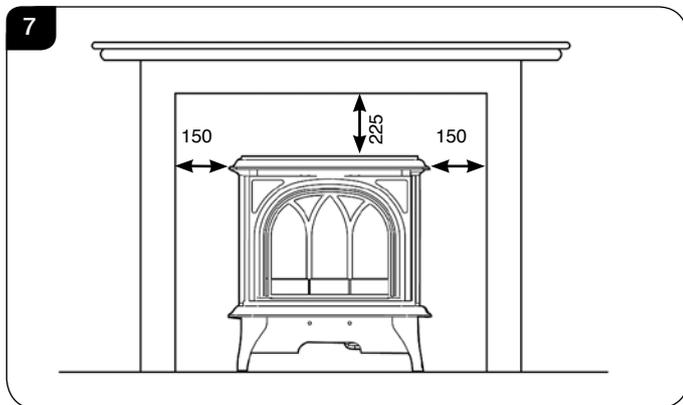
# Installation Instructions

## Site Requirements

### MINIMUM CLEARANCE

- 7.2 The appliance is not suitable for installation against a combustible wall.
- 7.3 Ensure that all minimum clearances to combustible materials are complied with, see Diagrams 7 and 8.

The specified clearances provide the minimum distance to combustible materials. If the appliance is intended to be installed into a non-combustible opening the clearance to the **sides and above** the appliance can be reduced. However, it is recommended that the specified clearances are maintained irrespective of the materials used in the construction of the opening to allow adequate air flow and access to controls. **The clearance at the rear of the appliance must always be a minimum of 50mm.**



- 7.4 In a non-combustible recess be careful to allow enough clearance at the sides and rear of the appliance to perform spillage tests and reach the controls.

# Installation Instructions

## 1. Safety Precautions



**IMPORTANT: ALWAYS WEAR THE GLOVES PROVIDED WHEN HANDLING AN IVORY PAINTED APPLIANCE.**

- 1.1 For your own and other's safety, you must install this appliance according to local and national codes of practice. Failure to install the appliance correctly could lead to prosecution. **Read these instructions before installing and using this appliance.**
- 1.2 These instructions must be left intact with the user.
- 1.3 Do not attempt to burn rubbish on this appliance.
- 1.4 Keep all plastic bags away from young children.
- 1.5 Do not place any object on or near to the appliance and allow adequate clearance above the appliance.

**IF THE APPLIANCE IS EXTINGUISHED OR GOES OUT IN USE, WAIT 3 MINUTES BEFORE ATTEMPTING TO RELIGHT THE APPLIANCE.**



**IMPORTANT: REFER TO DATA BADGE AND TECHNICAL SPECIFICATION AT THE FRONT OF THE MANUAL TO ENSURE THE APPLIANCE IS CORRECTLY ADJUSTED FOR THE GAS TYPE AND CATEGORY APPLICABLE IN THE COUNTRY OF USE.**

**FOR DETAILS OF CHANGING BETWEEN GAS TYPES REFER TO SERVICING, SECTION 13, REPLACING PARTS.**

## Unpacking

- 1.6 Remove the appliance from its packaging, and check that it is complete and undamaged.

Put the loose ceramic parts to one side so that they are not damaged during installation.

## 2. Upgrading the Appliance

- 2.1 The appliance is fitted with a control valve that can easily be upgraded to battery powered remote control. There are two versions of this control which can be obtained through your local Gazco retailer. There is no requirement for this upgrade to be carried out by an approved GasSafe engineer. However Gazco recommend that this task is undertaken by a suitably competent person.
- 2.2 This upgrade can be fitted before or after installation but if side clearances are limited then it will be easier to upgrade the appliance before installation. Full instructions are included with the kit.



**If the appliance is left unattended for long periods of time (e.g. vacation), it is recommended to place the control valve in the Off or Pilot position.**

**Take care when leaving the appliance unattended, in exceptional circumstances sound waves from sources other than the transmitter can cause changes in the flame height adjustment.**

**DO NOT install two or more appliances using upgradeable controls in the same room, interference between the remote control frequencies can occur.**

### Standard Remote Control (PART NUMBER 8455)

- 2.3 This remote control can control the gas appliance after the pilot has been lit. It can turn the main burner on and regulate it from low through to high and back again. It can turn the main burner off leaving the pilot burning.

### Thermostatic and Timer Remote Control (PART NUMBER 8456)

- 2.4 This remote control can control the gas appliance after the pilot has been lit.

#### MANUAL MODE

Can be used to turn the main burner on and manually regulate it from low through to high and back again. It can also be used to turn the main burner off leaving the pilot burning.

#### AUTO MODE

Will automatically regulate the room to a pre-set temperature.

#### TIMER MODE

Will turn the appliance on and off according to a pre-set programme and automatically regulate the room temperature during the two on periods.

# Installation Instructions

## 3. Installation of the Appliance

3.1 REFER TO SITE REQUIREMENTS FOR ALL FLUE OPTIONS.

### 3A. Rear Exit - Horizontal flue

3.2 Wall thickness: MIN = 200mm  
MAX = 550mm

3.3 Unpack the adjustable flue assembly and terminal guard.

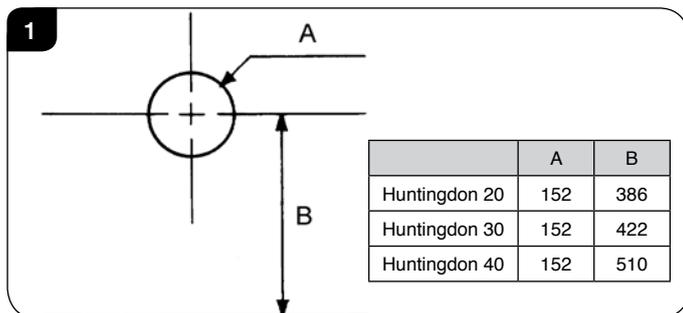
3.4 Do not lose the fixings.

3.5 Consider the final appliance position ensuring you comply with clearances required for the external flue, see Site Requirements, Section 1.

3.6 Mark the vertical centre-line of the appliance on the wall, see Diagram 1.

3.7 Mark the height from the top of the hearth to the centre of the flue, see Diagram 1, B.

**TAKE CARE TO MARK OUT THE FLUE CORRECTLY. IT IS DIFFICULT TO MOVE AFTER INSTALLATION.**



#### Flue Aperture

3.8 Create a 152mm (6") diameter hole for the flue using either:

- a) a core drill, or
- b) a hammer and chisel

3.9 Make good at both ends of the hole.

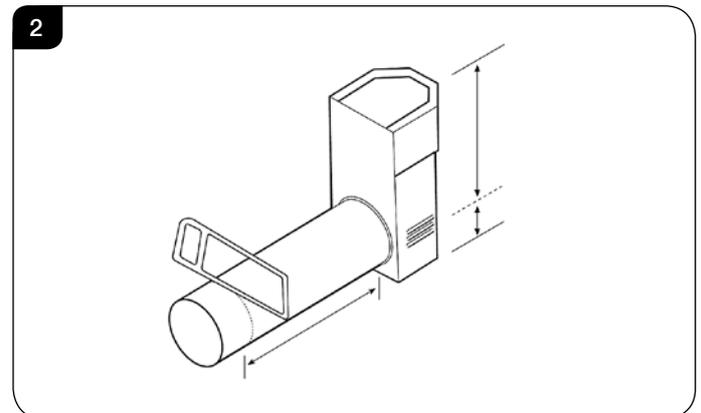
#### Flue Length

3.10 Measure the total wall thickness and add 65mm.

3.11 The total flue length gives a minimum clearance of 50mm between the rear of the appliance and the wall.

3.12 Insert the square cardboard sleeve into the flue to support the inner tube.

3.13 Cut through the flue and sleeve, see Diagram 2.



3.14 REMOVE THE CARDBOARD REMNANTS FROM THE FLUE.

3.15 File the cut edges smooth.

#### Terminal

On the outside wall:

3.16 Position the flue assembly into the hole. The terminal should be flat against the wall.

3.17 Make sure the terminal is vertical, see Diagram 3.

3.18 Mark the four fixing holes.

3.19 Remove the terminal to drill the holes.

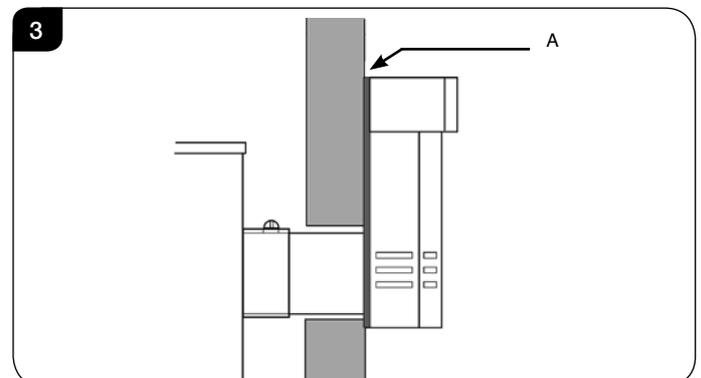
3.20 Insert wall plugs supplied.

**DO NOT FIX THE FLUE AT THIS STAGE.**

#### Flue and Appliance Fixings

3.21 Position the appliance observing appropriate clearances.

3.22 Apply a bead of suitable weatherproof sealant (silicone or similar) to perimeter of back face of terminal, see Diagram 3.



# Installation Instructions

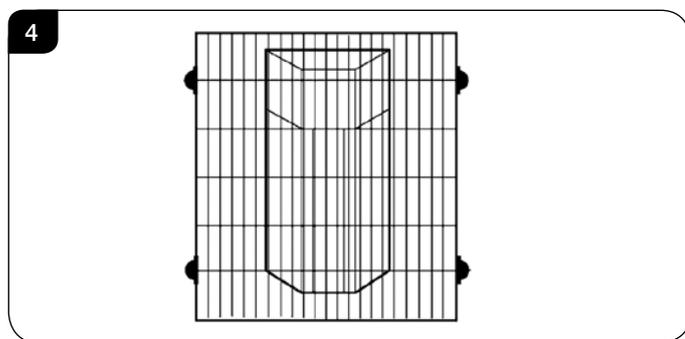
- 3.23 Feed the flue through the wall, making sure it runs smoothly.

On the inside wall:

- 3.24 Engage the flue in the inner and outer spigots.  
3.25 Make sure rubber seals on the spigots are not damaged

From outside:

- 3.26 Insert 4 screws in the flanges of the flue terminal.  
3.27 Check sealant has formed a water-tight joint to the wall.  
3.28 Any terminal less than 2m above any access (level ground, balcony or flat roof with access) must be fitted with the guard supplied, see Diagram 4.



## 3B. Top Exit - Up & Out (Huntingdon 30 & 40 only)

- 3.29 There are two types of top exit flue terminals: vertical and horizontal (see Site Requirements, Diagram 3, for minimum and maximum flue lengths).

### Decorative Collar

- 3.30 There is an optional decorative collar, Part No: 8548, to cover the gap between the top plate and flue.

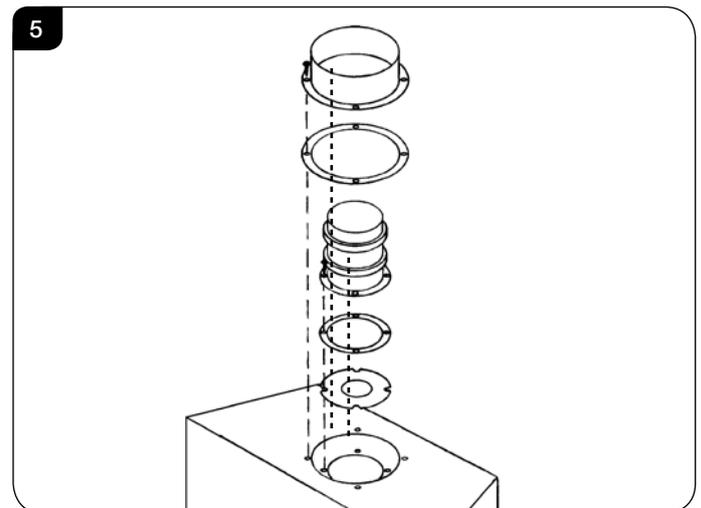
**THIS MUST BE POSITIONED BEFORE INSTALLING THE FLUE. WHEN INSTALLING A TOP EXIT FLUE, REFER TO INSTALLATION INSTRUCTIONS, TECHNICAL SPECIFICATION (PAGE 9) FOR THE APPROPRIATE SIZE RESTRICTOR.**

**A restrictor may be required for top exit flues. See technical specification on page 12 for restrictor size.**

### Reversing Spigots

- 3.31 The appliance is factory set for rear exit. For top exit reverse the spigots and blanking plates, see Diagram 5.

**TAKE CARE WHEN MARKING OUT FOR THE FLUE AS IT IS DIFFICULT TO MOVE AFTER INSTALLATION. IF A RESTRICTOR IS REQUIRED FIT THIS BETWEEN THE SMALL OUTLET SPIGOT AND THE AIR DUCT, SEE DIAGRAM 5. REFER TO TECHNICAL SPECIFICATIONS FOR RESTRICTOR SIZE.**



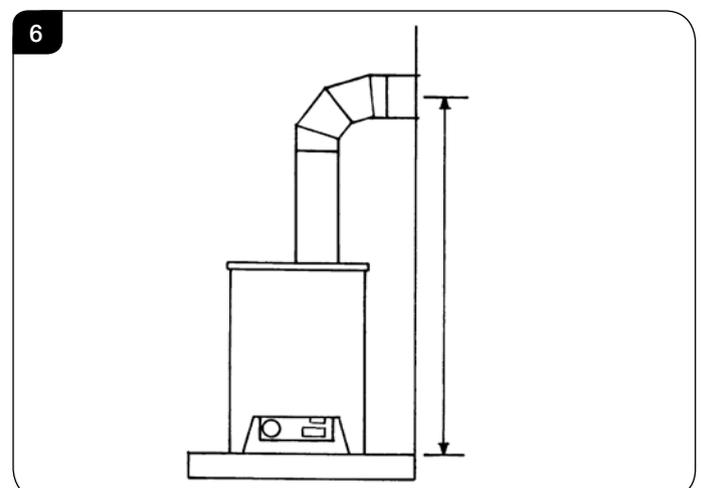
- 3.32 **REMEMBER TO FIT THE OPTIONAL DECORATIVE COLLAR IF REQUIRED.**

### Wall Plate

- 3.33 A wall plate is supplied to secure the flue to the inside wall. Bend the securing tab to 90° and slot the plate over the flue before bringing the flue through the wall.  
3.34 Mark the fixing holes using the wall plate as a template. The tab can be above or beneath the flue, see Diagram 7.

### Flue Aperture

- 3.35 Mark the height from the top of the hearth to the centre of the horizontal section, see Diagram 6.



# Installation Instructions

3.36 **TAKE CARE TO MARK OUT THE FLUE CORRECTLY. IT IS DIFFICULT TO MOVE AFTER INSTALLATION.**

3.37 Create a 152mm (6") diameter hole for the flue using either:  
a) a core drill, or  
b) a hammer and chisel

3.38 Make good at both ends of the hole.

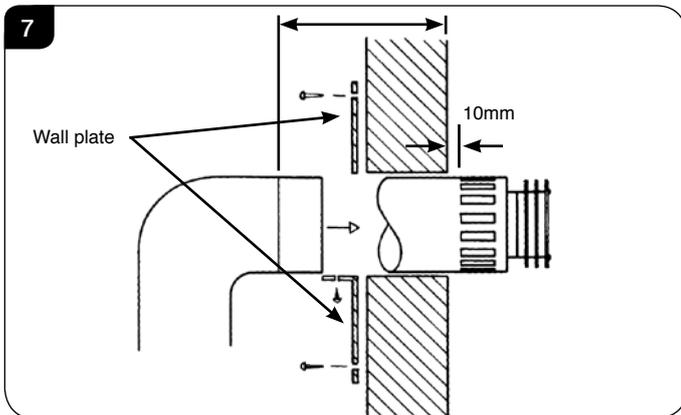
## Flue Length

3.39 The final length of the flue pipe includes the terminal. The terminal is the only section that can be shortened.

**DO NOT SHORTEN ANY OTHER SECTION OF FLUE PIPE.**

3.40 Measure from the outside of the wall to the stop on the 90° elbow.

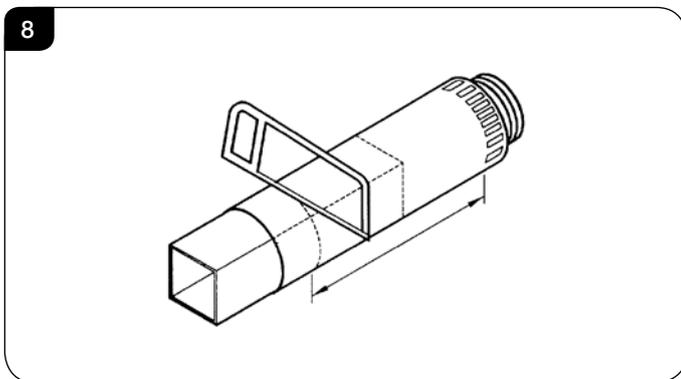
3.41 Fit horizontal flue section between the elbow and the terminal at this stage, if required, see Diagram 7.



3.42 Mark the correct length all the way around the flue terminal section, see Diagram 8.

3.43 Insert the square cardboard sleeve into the flue to support the inner tube.

3.44 Cut through the flue and sleeve, see Diagram 8.



3.45 **REMOVE THE CARDBOARD REMNANTS FROM THE FLUE.**

3.46 File the cut edge smooth.

## Flue and Appliance Fixings

3.47 Pull appliance and flue assembly away from the hearth.

3.48 Drill four fixing holes for the wall plate and insert wall plugs supplied.

3.49 Put the horizontal flue onto the elbow and reposition the appliance.

3.50 Check the flue runs smoothly through the wall.

3.51 Fix the wall plate to the wall using the four black screws provided.

3.52 Drill through the fixing tab of the wall plate using a 3.5mm drill.

3.53 Secure with the screw provided.

3.54 Make good and weatherproof around the outside of the flue.

## 3C. Top Exit – Vertical Flue (Huntingdon 30 & 40 only)

3.55 Where a vertical only flue system has been purchased, refer to Installation & Instructions, Site Requirements, Section 4D.

3.56 Pay careful attention to the following:

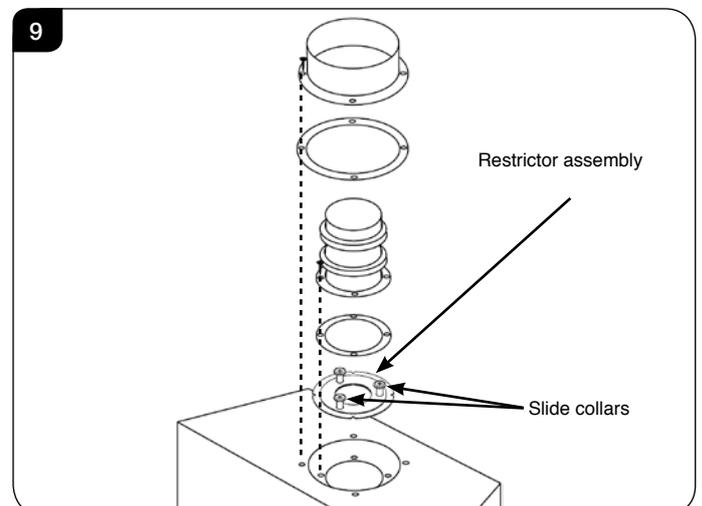
- Terminal positions
- Flue supports
- Weatherproofing
- Fire precautions

3.57 Local and national codes of practice must be followed for all the above.

## TOP EXIT – VERTICAL ONLY, INCLUDING OFFSET

3.58 **A restrictor must be fitted with vertical flues. See technical specification on page 14 for restrictor size.**

3.59 It is important that the sliding restrictor assembly is used. The restrictor assembly must be fitted with the slide collars uppermost and the top restrictor plate must be checked to ensure it moves freely before the flue is fitted.

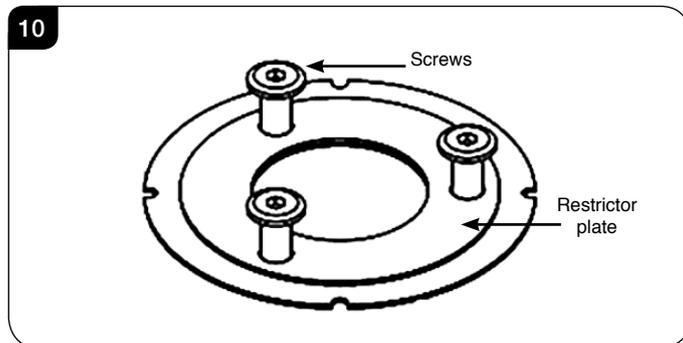


# Installation Instructions

## 3.60 Flue Lengths over 5m (Top Exit Only)

If the flue length extends 5m above the appliance a 40mm Ø restrictor must be fitted. This restrictor can be found in the appliance packing kit supplied.

3.61 To fit the restrictor undo the bolts on the slide collars on the restrictor assembly, see Diagram 10.



3.62 Remove the restrictor plate that is current in place and fit the 40mm Ø one from the kit.

Secure with the screws and ensure that the plate moves freely up and down on the slide collars.

3.63 Fit the restrictor assembly as previous described.

## 4. Gas Soundness Pressure Check

4.1 Connect a suitable pressure gauge to the test point located on the inlet fitting and turn the gas supply on. Light the appliance and check all gas joints for possible leaks. Turn the appliance to maximum and check that the supply pressure is as stated on the databadge. Turn the gas off and replace the test point screw, turn the gas on and check the test point for leaks.

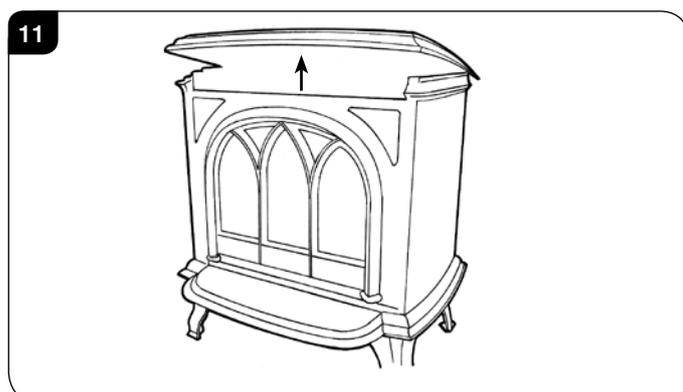
## 5. Removing the Door



**IMPORTANT: THE OUTER PANNELLING OF THE APPLIANCE IS MADE FROM CAST IRON. USE CAUTION WHEN INSTALLING, REMOVING AND STORING AS THE COMPONENTS ARE HEAVY AND SHOULD BE HANDLED CAREFULLY.**

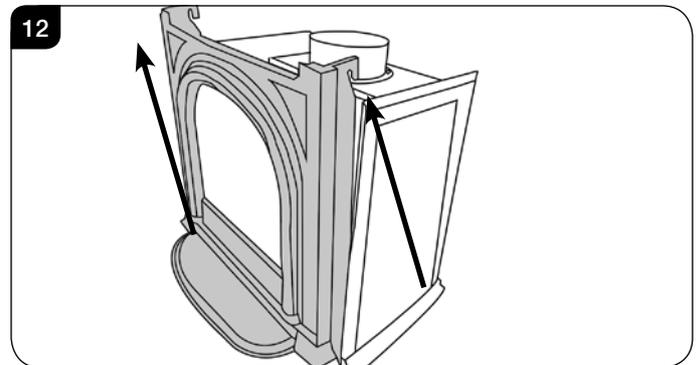
5.1 For rear flue exit lift the top of the appliance off and put to one side.

5.2 For top flue exit lift and support the top to give clearance, see Diagram 11.



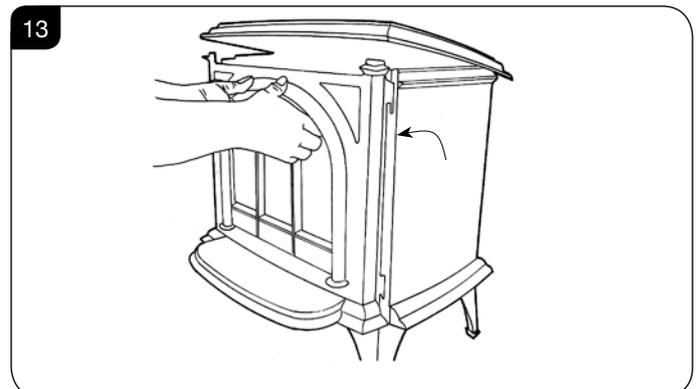
## Huntingdon 20 and 40

5.3 Supporting the door top and bottom pull forwards whilst lifting the front upwards at a 45° angle until it is clear of the slots and pull away from the appliance, see Diagram 12.



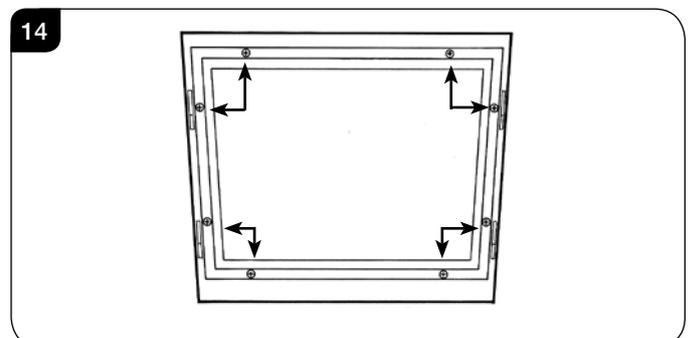
## Huntingdon 30

5.4 Lift the front upwards until it is clear of the slots and pull away from the appliance, see Diagram 13.



## All Models

5.5 Remove the glass frame by undoing the fixing screws and lifting clear, see Diagram 14. **Take care to support the glass window panel when removing the screws.**



5.6 Place carefully to one side.

# Installation Instructions

## 6. Arrangement of Fuel Bed

### Advice on handling and disposal of fire ceramics



The fuel effect of the log version of this appliance is made from Refractory Ceramic Fibre (RCF), a material which is commonly used for this application.

Protective clothing is not required when handling these articles, but we recommend you follow normal hygiene rules of not smoking, eating or drinking in the work area and always wash your hands before eating or drinking.

To ensure that the release of RCF fibres are kept to a minimum, during installation and servicing a HEPA filtered vacuum is recommended to remove any dust accumulated in and around the appliance before and after working on it. When servicing the appliance it is recommended that the replaced items are not broken up, but are sealed within heavy duty polythene bags and labelled as RCF waste.

RCF waste is classed as stable, non-reactive hazardous waste and may be disposed of at a licensed landfill site.

Excessive exposure to these materials may cause temporary irritation to eyes, skin and respiratory tract; wash hands thoroughly after handling the material.

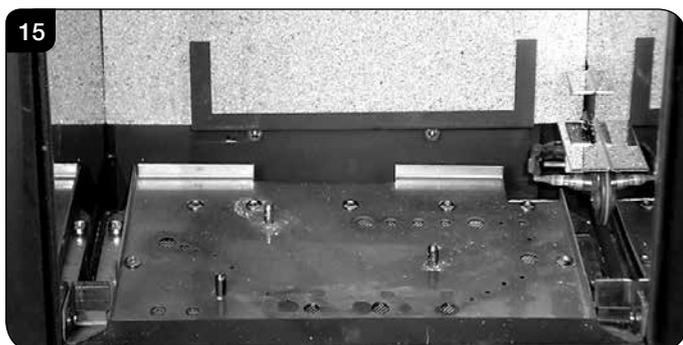
## 7. Log Layout

**LOGS MUST BE POSITIONED ACCORDING TO THE FOLLOWING INSTRUCTIONS TO GIVE THE CORRECT FLAME EFFECT**

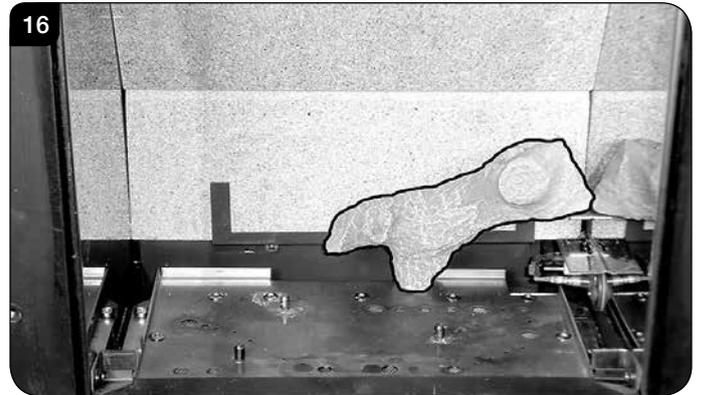
### Huntingdon 20 layout

All logs can be identified by a letter (A - E) on their underside. Logs B and E also have holes to locate each onto a burner stud.

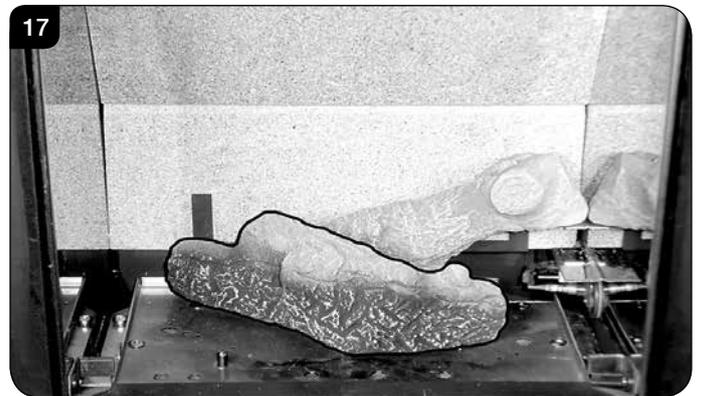
7.1 Ensure the burner tray is clean and free from any debris, see Diagram 15.



7.2 Place Log A on the higher rear bracket and push up against the back panel, see Diagram 16.



7.3 Place Log B over the two middle studs on the burner tray, see Diagram 17.



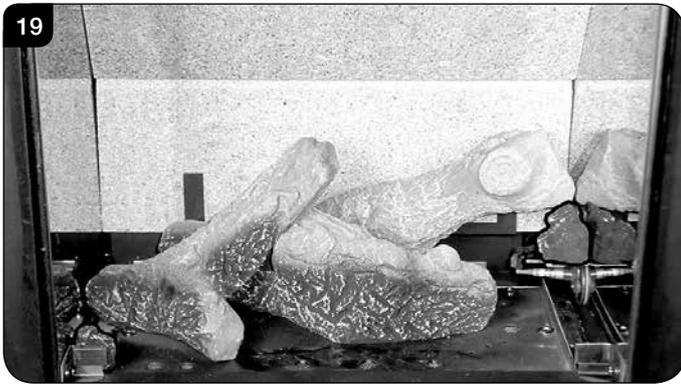
7.4 Place Log E onto the stud and behind the tag on the left hand side of the burner tray. Rest against Log B, see Diagram 18.



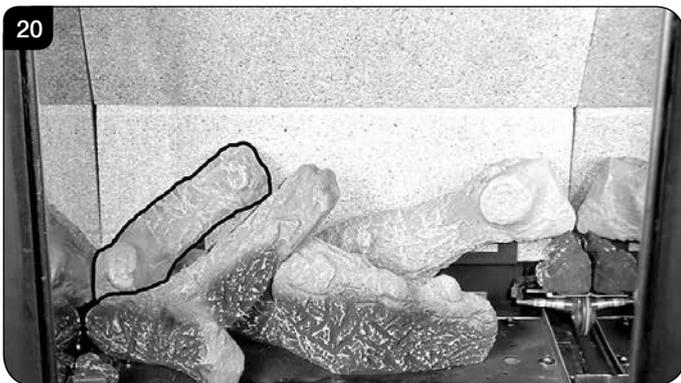
# Installation Instructions

- 7.5 Place the small Ember at the front left of the firebox, against the rear of the log support bracket to obscure the reflection of the burner screw.

Place the larger Ember on the lower bracket above the pilot on the right hand side with the thicker edge facing the front and flat edges to the base and side, see Diagram 19.



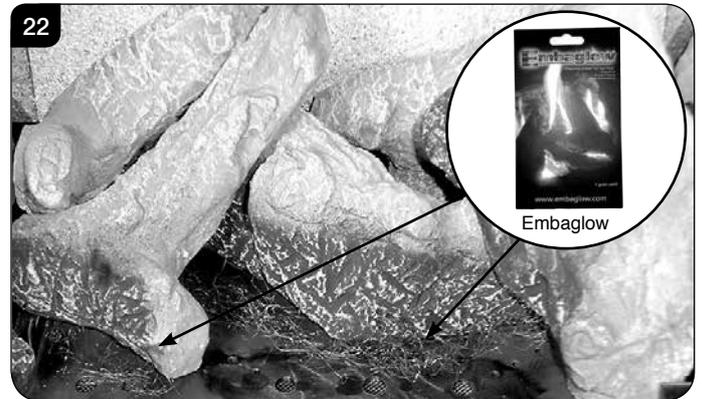
- 7.6 Log C rests on the cutout on Log E and is pushed up to the side and rear of the firebox, see Diagram 20.



- 7.7 Place the pointed bottom of log D into the corner of the burner tray and rest on the location stud on log B see Diagram 21



- 7.8 Sparingly spread an amount of the Embaglow fibres provided and ensure the ports in the burner tray are covered, see Diagram 22. Take care not to use more than half a packet per application.

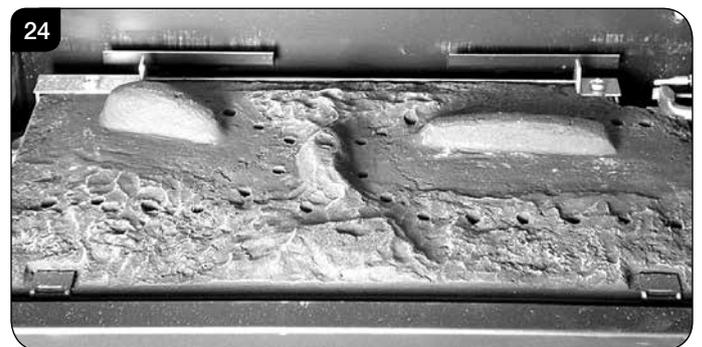


- 7.9 Lower log guard into position, see Diagram 23.



## Huntingdon 30 layout

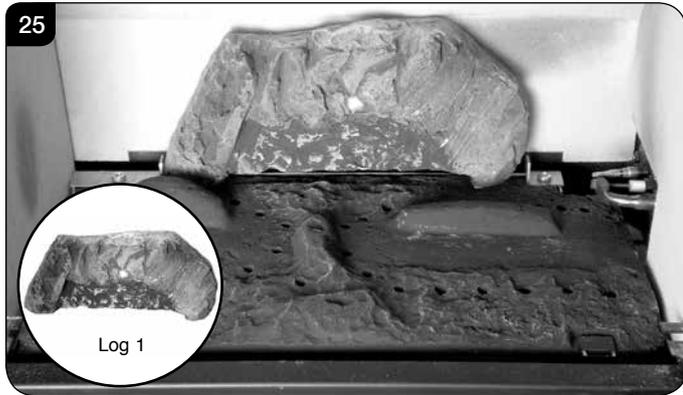
- 7.10 Ensure the burner tray is clean and free from any debris, see Diagram 24.



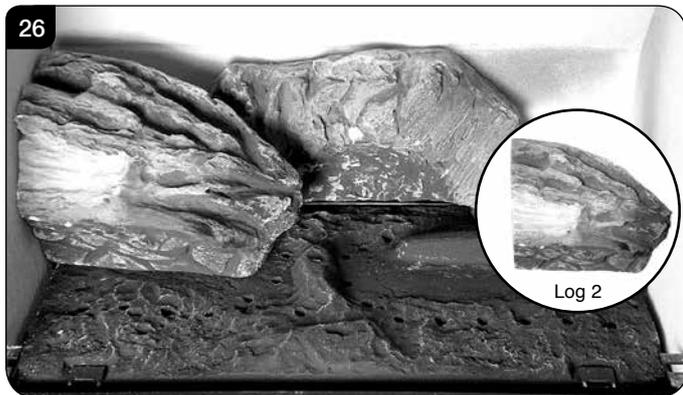
The three logs that make up the fuel bed are visually distinct and fit into specific parts on the burner tray.

# Installation Instructions

- 7.11 Place the rear log into position between the rear brackets and pushed up against the back panel, see Diagram 25.

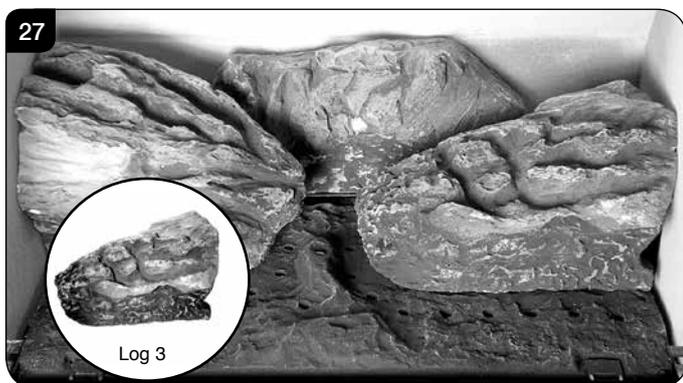


- 7.12 Place the second log into the left hand groove on the burner tray, see Diagram 26. The log should butt up against the raised molding and the left hand side liner.

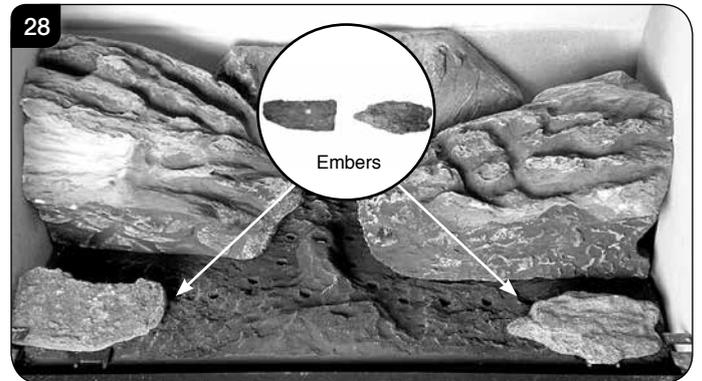


- 7.13 Place the third log into the groove on the right hand side, see Diagram 27.

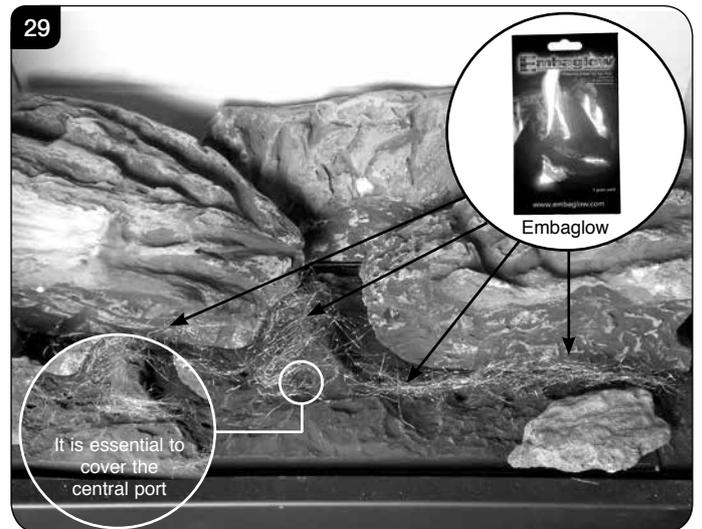
The log should butt up against the raised molding and the right hand side liner.



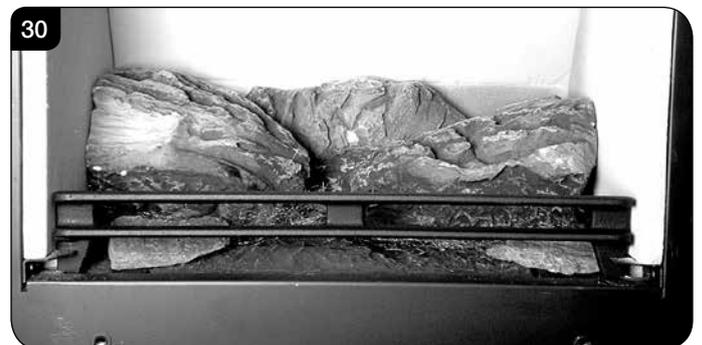
- 7.14 Once the logs are in there are two embers which can be loosely placed at the front of the fuel bed and cover the tabs securing the burner tray, see Diagram 28.



- 7.15 Sparingly spread an amount of the Embaglow fibres provided and ensure the ports in the burner tray are covered, see Diagram 29. **It is essential to cover the port in the middle of the burner tray in order to get the most visually appealing flame picture.**  
NOTE: Take care not to use more than half a packet per application.



- 7.16 Fix log guard into position, see Diagram 30.

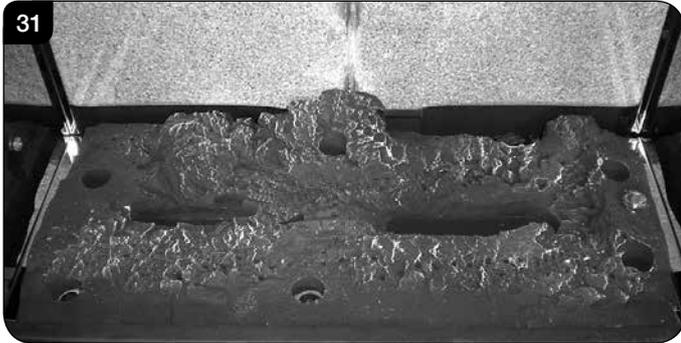


# Installation Instructions

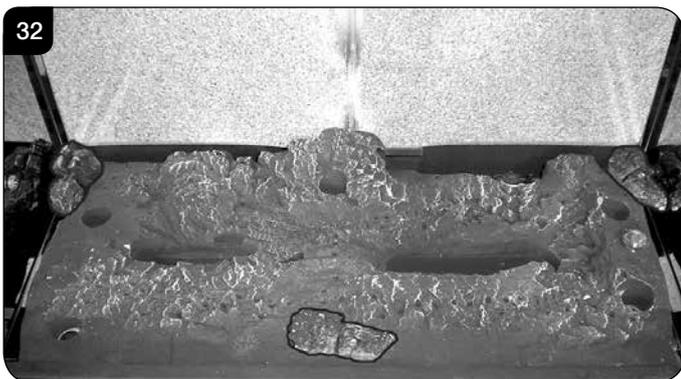
## Huntingdon 40 layout

The logs for the fuel bed are clearly individually labelled, A to D.

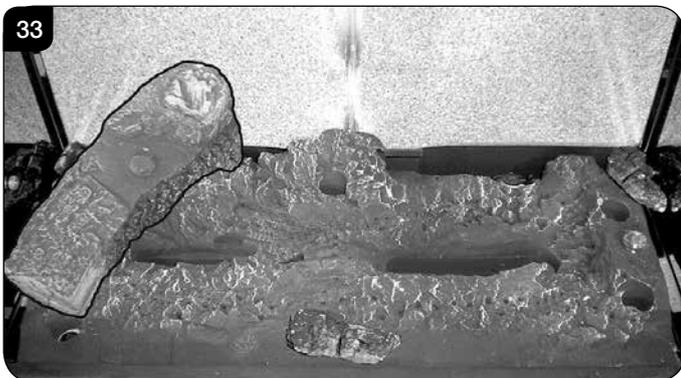
- 7.17 Ensure the burner tray is clean and free from any debris, see Diagram 31.



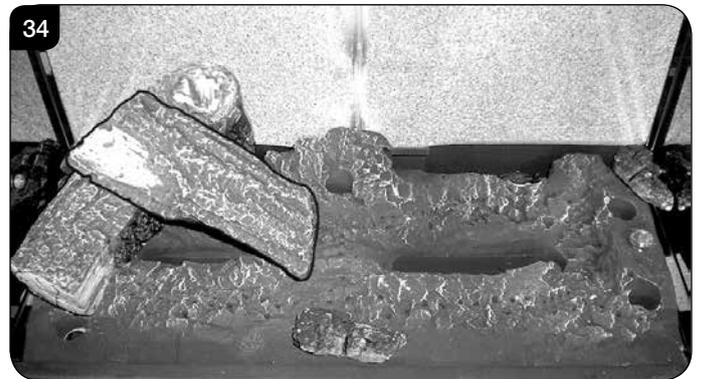
- 7.18 There are 3 embers. Place 2 embers in the back corners of the burner, resting in the cut outs, see Diagram 32. Place the last ember loosely at the front of the fuel bed to cover the hole in the centre.



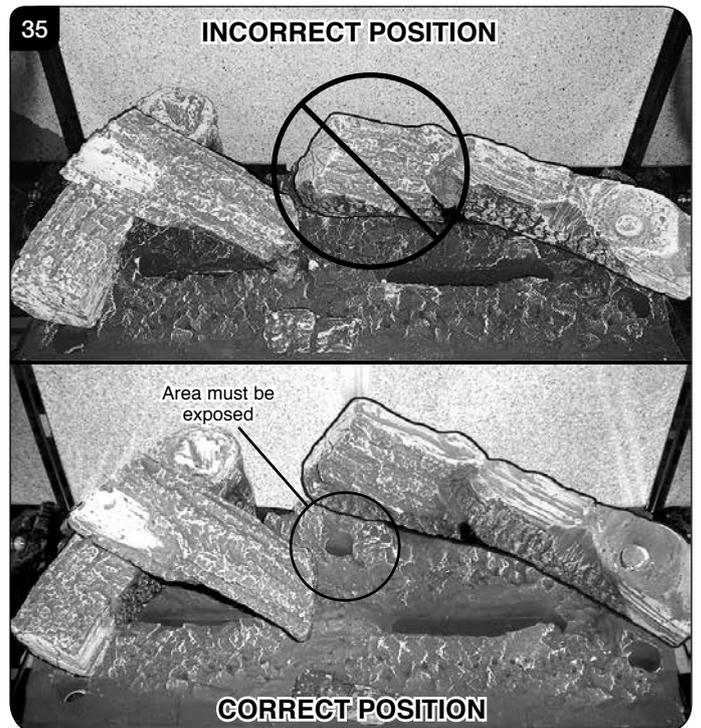
- 7.19 Place Log D on the left hand side of the burner. There is a hole on the underside of Log D which fits over the raised stud on the left of the burner. The back of the log should rest flat against the back panel, see Diagram 33.



- 7.20 Place Log B on top of Log D. There is a hole on the underside of Log B which fits over the raised stud on Log D to secure in place. The right hand side of the log rests in the groove in the burner, see Diagram 34.



- 7.21 Place Log C on the right hand side of the burner. There is a hole on the underside of Log C which fits over the raised stud on the right of the burner. The back of the log should rest flush against the back panel, see Diagram 35.



- 7.22 Place the log guard into position on the grooves on the sides of the firebox, see Diagram 36.

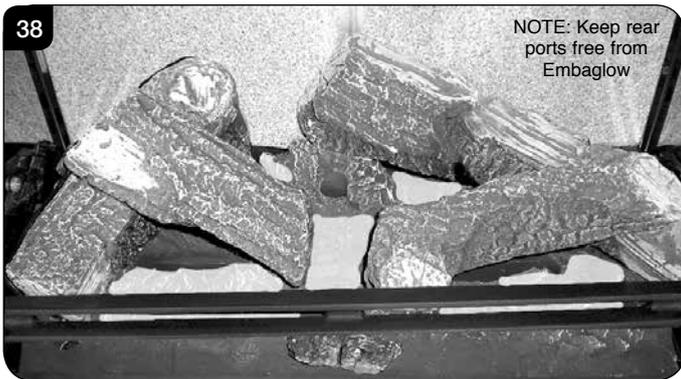


# Installation Instructions

7.23 Place Log A across Log C. There is a hole on the underside of Log A which fits over the raised stud on Log C to secure in place. The small cut out on the left side of the log rests onto the log guard, see Diagram 37.



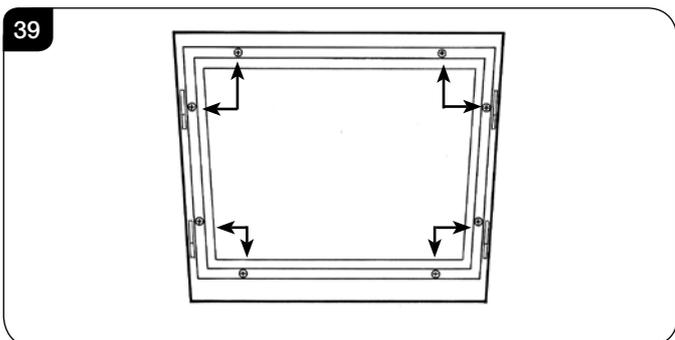
7.24 Sparingly spread an amount of the Embaglow fibres provided and ensure the ports in the burner tray are covered, see Diagram 38. Take care not to use more than half a packet per application.  
**IT IS ESSENTIAL TO KEEP THE REAR GAS PORTS FREE FROM OBSTRUCTION.**



## 8. Completion of Assembly

- 8.1 Use a ceramic glass product generally sold for cleaning ceramic hobs to clean the glass front.
- 8.2 Ensure that the rope seal on the back of the glass frame is intact and replace the screws working from the top down. Tighten the screws evenly **DO NOT OVER TIGHTEN**, see Diagram 39.

**NEVER OPERATE THE APPLIANCE WHEN THE GLASS FRAME IS REMOVED, OR THE GLASS IS BROKEN.**

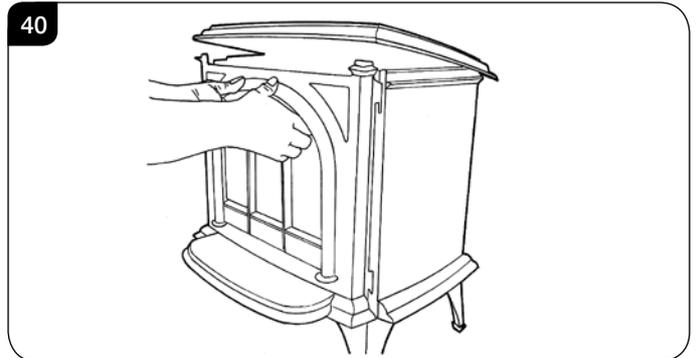


8.3 Replace ALL of the securing screws ensuring that a screw is present in all fixing slots.

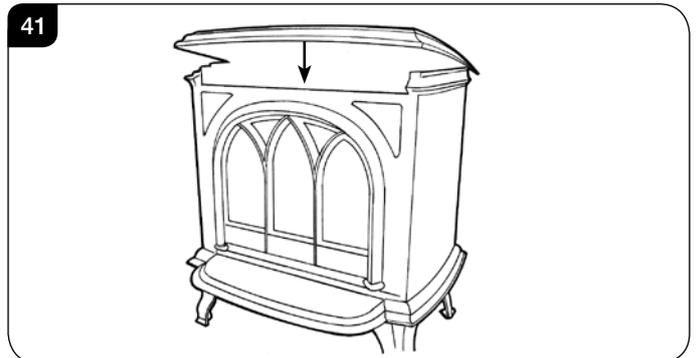


**UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED IF ANY OF THE GLASS FRAME RETAINING SCREWS ARE LOOSE OR MISSING.**

8.4 With the top still supported or removed refit front by locating in grooves and lowering into place, see Diagram 40.



8.5 Now replace top, see Diagram 41.



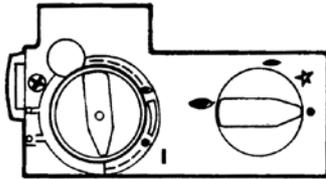
# Installation Instructions

## 9. Operating the Appliance

9.1 The control valve is at the foot on the right-hand side of the appliance. It has two controls, see Diagram 42:

1. The right-hand knob controls the pilot ignition.
2. The left-hand knob controls the main burner.

42



9.2 Refer to separate instructions if your appliance is upgraded to include battery remote control. The instructions below apply whether or not you have the remote upgrade.

### Lighting the Pilot

9.3 To start the left-hand and right-hand control knobs must both point to off (●):

9.4 Press in the right-hand control knob and rotate anti-clockwise until a click is heard. Continue to press in. The knob points to the pilot (←).

The pilot is lit.

9.5 Keep the knob depressed for 10 seconds before releasing. The pilot remains lit.

Repeat the above steps if the pilot does not stay lit.

**NOTE: If the pilot goes out, the Interlock system prevents you lighting again for a short period.**

9.6 If, after repeating the above steps the pilot does not light, contact your Retailer or Installer.

9.7 Turn the right-hand knob to the left to main burner setting (↔).

### Adjusting the Flame height

9.8 You can now adjust the flame height and temperature using the left-hand control knob.

9.9 Turn the left-hand knob anti-clockwise to increase the flame height.

9.10 Turn clockwise to decrease the height.



**IMPORTANT: YELLOW FLAMES TYPICALLY APPEAR WHEN THE APPLIANCE HAS REACHED NORMAL OPERATING TEMPERATURE. THIS CAN TAKE UP TO 30 MINUTES.**



**WARNING: IF THE APPLIANCE FAILS TO LIGHT OR BECOMES EXTINGUISHED IN USE, WAIT 3 MINUTES BEFORE ATTEMPTING TO RELIGHT.**

# Commissioning

## 1. Commissioning the Appliance

- 1.1 Complete the Commissioning Checklist at the front of this manual covering:
  - Thermocouple soundness checks.  
This is to include ensuring the thermocouple is secure on the pilot bracket assembly, lead connection and integrity.
  - Flue checks
  - Gas checks
  - Log layout - flame picture
- 1.2 Upon completion of of the commissioning and testing of the installation and correct operation of the appliance, the installer must instruct the user how to operate the appliance.
- 1.3 Guide the user through the User Instructions paying particular attention to:
  - a) Regular servicing (Section 11 of the User Instructions).
  - b) Ventilation (Section 12 of the User Instructions) - point out the ventilation positions where applicable.
  - c) Hot surfaces (Section 14 of the User Instructions).

# Servicing Instructions

## Servicing/Fault Finding Charts

### 1. Servicing Requirements

**IMPORTANT – The glass panel on this appliance should be checked for any signs of damage on the front face of the glass panel (scratches, scores, cracks or other surface defects). If damage is observed, the glass panel must be replaced and the appliance must not be used until a replacement is installed. Under no circumstances should the appliance be used if any damage is observed. Please isolate the appliance until a replacement glass panel has been obtained and installed. Replacement glass panels can be purchased from Gazco via the retailer from which the appliance was purchased or any other Gazco distributor.**

This appliance must be serviced at least once a year by a competent person.

All tests must be carried out in accordance with the current GasSafe recommendations.

#### 1.1 Before Testing:

- Conduct a gas soundness test for the property ensuring there are no leaks before servicing.
- Check the operation of the appliance before testing.

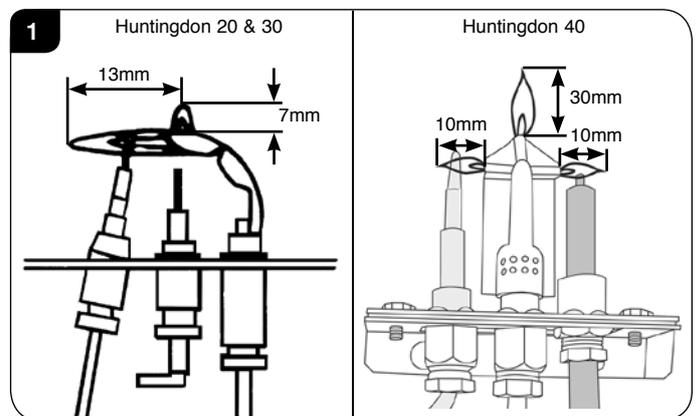
#### 1.2 Special checks:

- Clean the burner using a vacuum cleaner with a soft brush attachment. Ensure all debris is removed from the burner ports.
- Clean away lint or fluff from the pilot.
- Clean away lint or fluff from under the burner.
- Check the spark gap on the pilot is correct, Diagram 1.
- Ensure that the glass frame is secured correctly and that all retaining screws are in place.

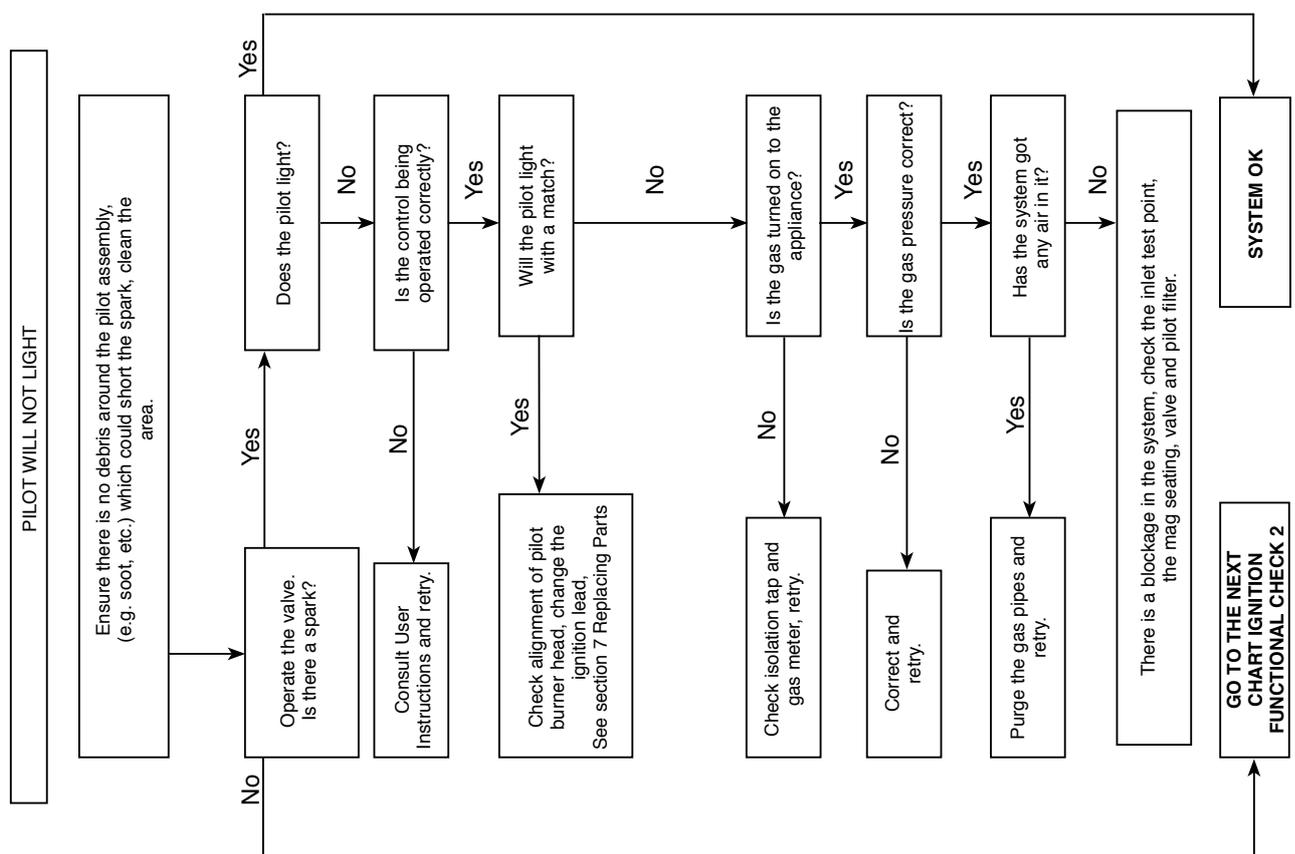
#### 1.3 Correct any faults found during the initial test.

#### 1.4 Re-commission the appliance in accordance with Commissioning Procedures.

#### 1.5 Advise the customer of any remedial work undertaken.



### IGNITION FUNCTIONAL CHECK 1





# Servicing Instructions - Replacing Parts

## 1. General

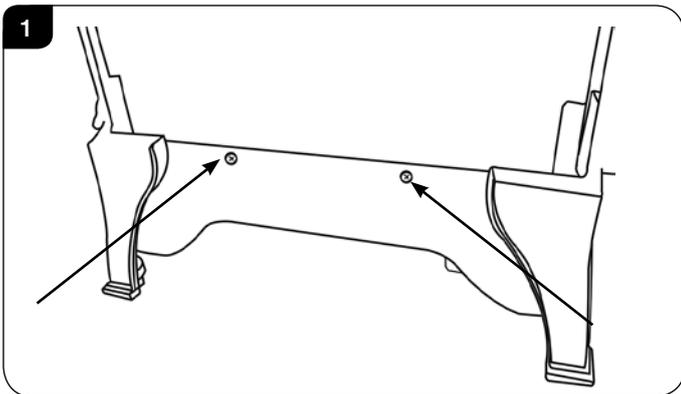


**IMPORTANT: ALWAYS WEAR THE GLOVES PROVIDED WHEN HANDLING AN IVORY PAINTED APPLIANCE.**

- 1.1 All main components can be replaced without removing the appliance from its installation.
- 1.2 Ensure the appliance and surrounds are cool before servicing.

**IT IS ESSENTIAL THAT THE GAS SUPPLY TO THE APPLIANCE IS TURNED OFF AT THE ISOLATION DEVICE BEFORE PROCEEDING FURTHER.**

- 1.3 To service the gas valve and controls the decorative trim can be removed to allow easier access. To do this remove the two screws and gently pull away from the appliance, see Diagram 1.



### 1.4 Removal of Flue

**If, for any reason, the flue has to be removed from the appliance, the seal must be replaced in the inner spigot.**

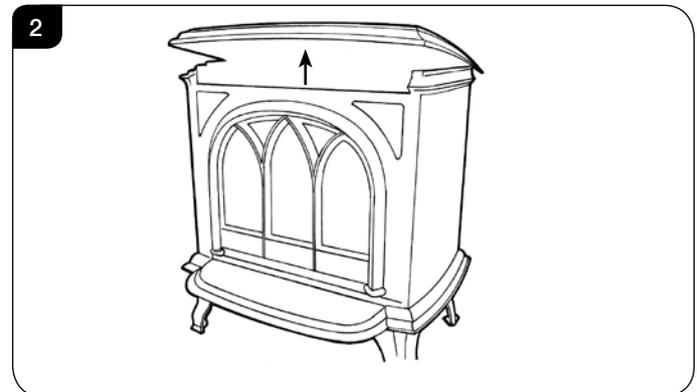
## 2. Removing the Door



**IMPORTANT: THE OUTER PANELLING OF THE APPLIANCE IS MADE FROM CAST IRON. USE CAUTION WHEN INSTALLING, REMOVING AND STORING AS THE COMPONENTS ARE HEAVY AND SHOULD BE HANDLED CAREFULLY.**

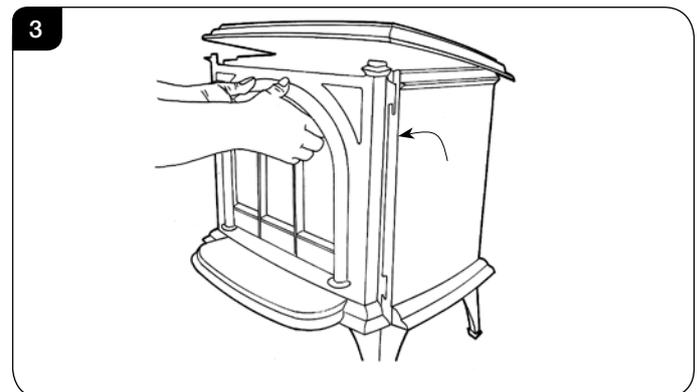
- 2.1 For rear flue exit lift the top of the appliance off and put to one side.

- 2.2 For top flue exit lift and support the top to give clearance, see Diagram 2.



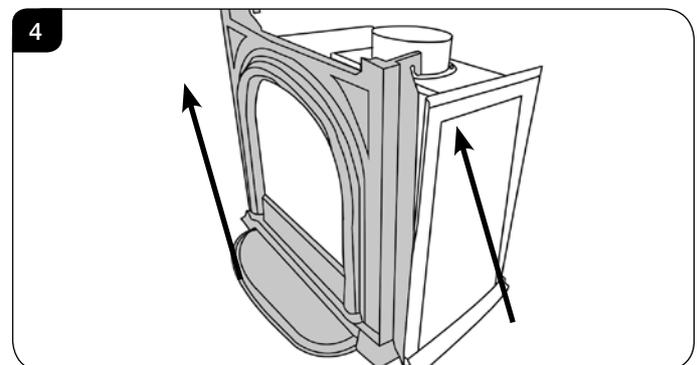
## Huntingdon 30

- 2.3 Lift the front upwards until it is clear of the slots and pull away from the appliance, see Diagram 3.



## Huntingdon 20 and 40

- 2.4 Supporting the door top and bottom pull forwards whilst lifting the front upwards at a 45° angle until it is clear of the slots and pull away from the appliance, see Diagram 4.

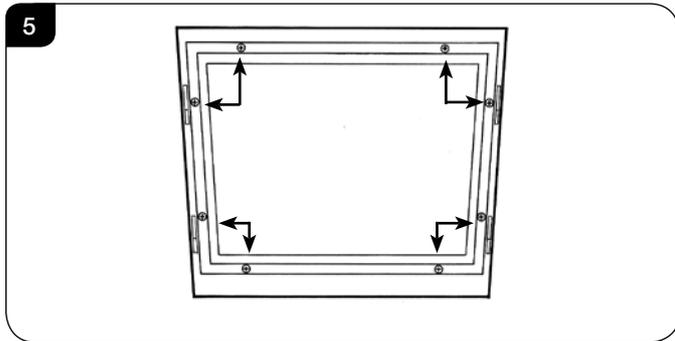


# Servicing Instructions - Replacing Parts

## All Models

### 3. Window Frame Assembly

- 3.1 Remove the glass frame by undoing the fixing screws and lifting clear, see Diagram 5. **Take care to support the glass window panel when removing the screws.**



- 3.2 Place carefully to one side.
- 3.3 Lift out the log guard and carefully remove the ceramic fuel bed components.
- 3.4 Refit in reverse order.
- 3.5 Ensure that the rope seal on the back of the glass frame is intact and replace the screws working from the top down. Tighten the screws evenly **DO NOT OVER TIGHTEN**, see Diagram 3. **NEVER OPERATE THE APPLIANCE WHEN THE GLASS FRAME IS REMOVED OR BROKEN.**
- 3.6 Replace ALL of the securing screws ensuring that a screw is present in all fixing slots.

**! UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED IF ANY OF THE GLASS FRAME RETAINING SCREWS ARE LOOSE OR MISSING.**

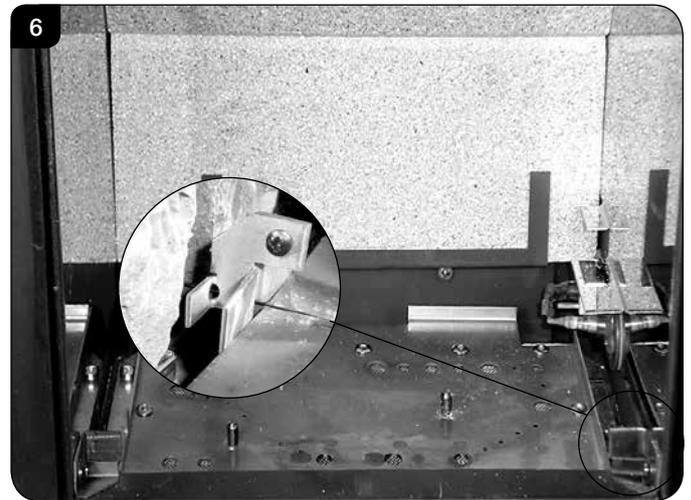
## 4. Baffle & Ceramic Liners

- 4.1 To access the burner tray and interior workings of the appliance it may be necessary to remove the baffle and the liners.

### 4a. Liners (Huntingdon 20 only)

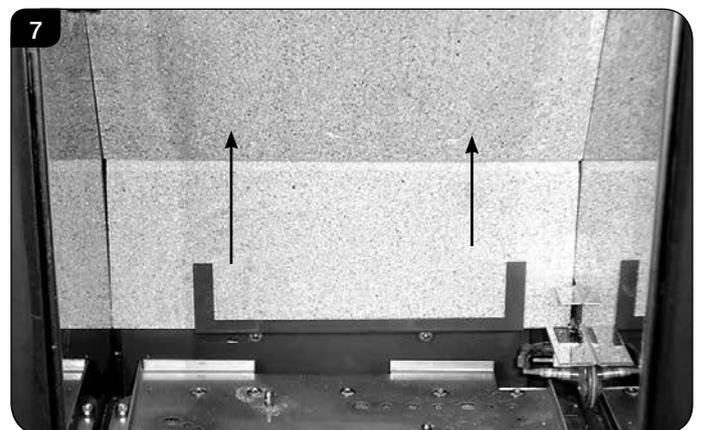
#### BAFFLE

- 4.2 There is no requirement to remove the baffle for servicing.
- 4.3 The burner can be accessed without the need to remove the side liner panels. If they need to be taken out then first remove the screws securing the two brackets on either side of the firebox. The panels will now slide forward, see Diagram 6.



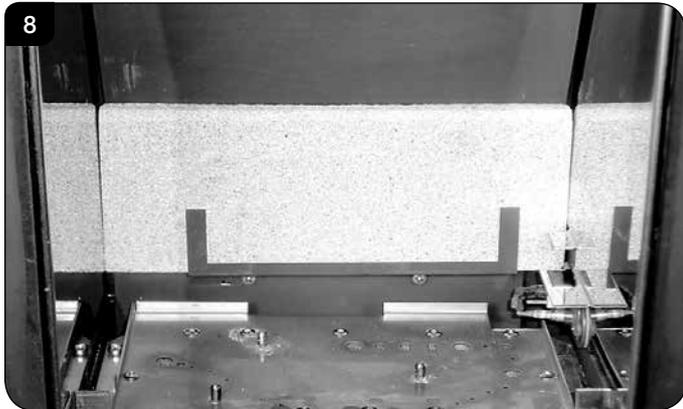
#### LINERS

- 4.4 Gently lift the upper rear liner and pull forwards. With the panel raised it should be possible to remove from the liner brackets, see Diagram 7. Note: It may be necessary to use a flat object like a screwdriver to separate the two panels.

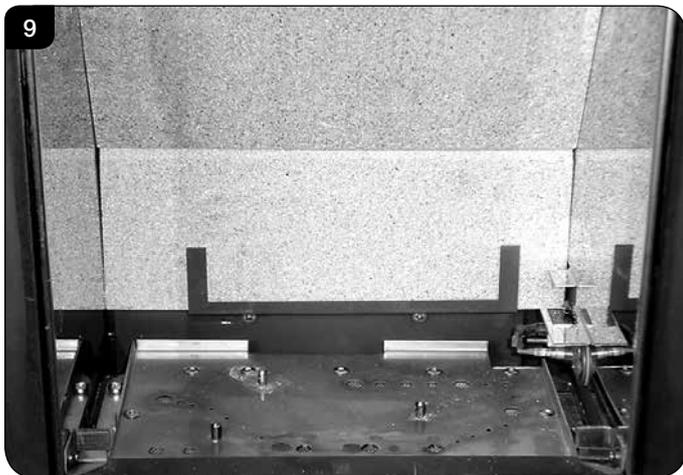


# Servicing Instructions - Replacing Parts

- 4.5 Slide the lower rear liner up and out of the lower bracket, see Diagram 8.



- 4.6 Replace all parts in reverse order ensuring the cutouts in the rear of the lower panel fit over the screws on the back of the firebox, see Diagram 9.

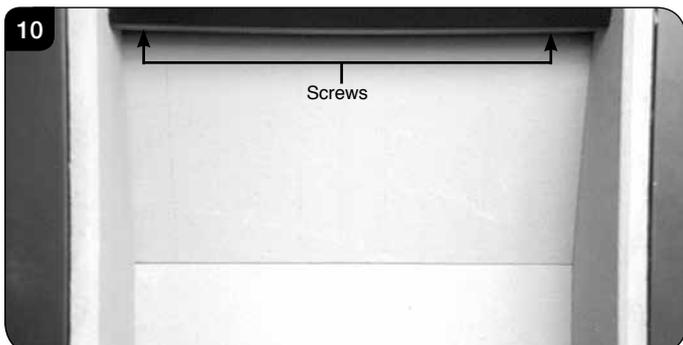


## 4b. Baffle & Liners (Huntingdon 30 only)

### BAFFLE

- 4.7 The baffle must be removed before the liners can be taken out of the appliance.

To do this undo the two screws securing it to the roof of the firebox, see Diagram 10.



- 4.8 The baffle can now be removed through the front of the appliance.

### CERAMIC LINERS

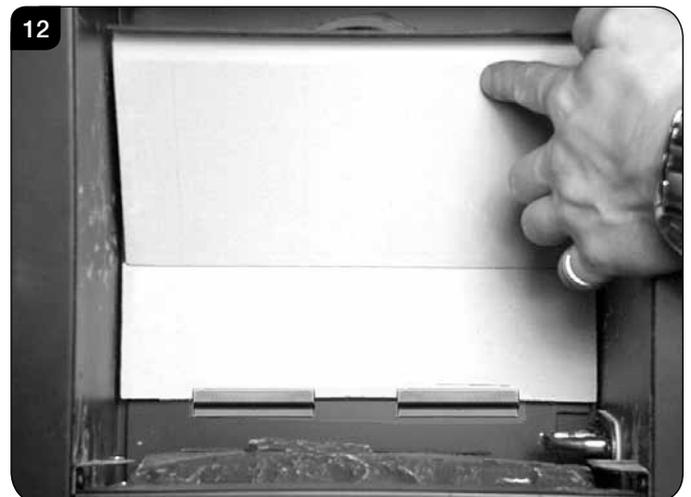
Once the baffle has been placed carefully to one side the liners can then be taken out in the following order.

- 4.9 To remove the Left Hand liner first tilt inwards towards the centre of the firebox before lifting up and pulling out through the front of the firebox, see Diagram 11.



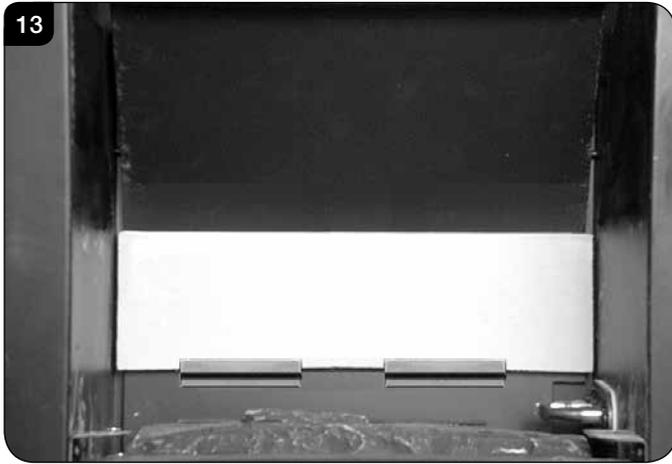
- 4.10 To remove the Right Hand liner first tilt inwards towards the centre of the firebox before lifting up and pulling out through the front of the firebox, see Diagram 11.

The two side liners also support the raised rear liner. Taking out the side liners will allow the rear liner to drop down so ensure it is supported and removed carefully, see Diagram 12.

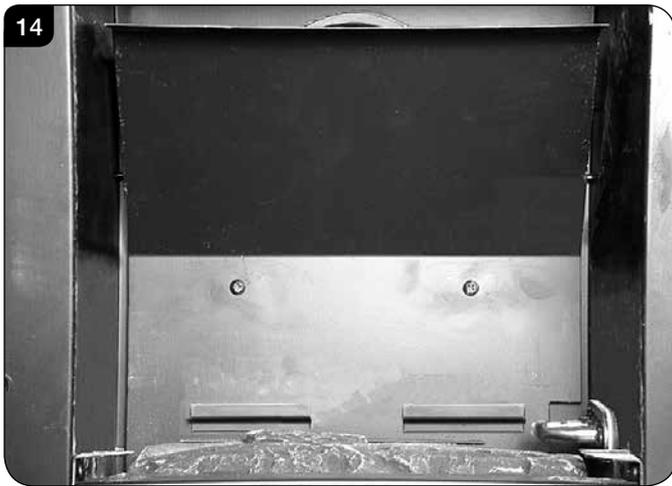


# Servicing Instructions - Replacing Parts

- 4.11 The lower rear liner does not need to be removed from the bracket in order to access the burner tray for maintenance, but can be lifted off in order to clean or replace, see Diagram 13.



- 4.12 With the liners and baffle removed the firebox is clear for cleaning and maintenance, see Diagram 14.



- 4.13 To replace the liners liner and baffle reverse these procedures.

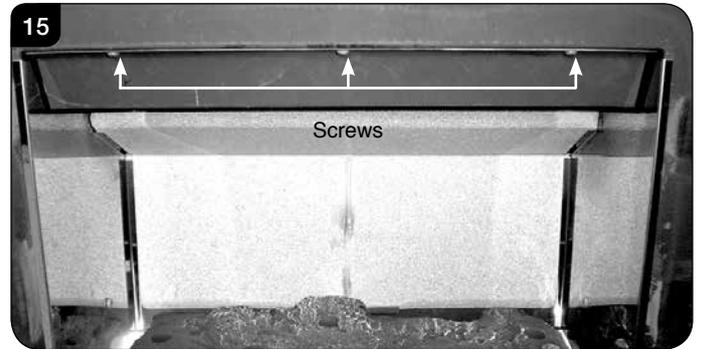
## 4c. Baffle & Liners (Huntingdon 40 only)

- 4.14 To access the burner tray and interior workings of the appliance it may be necessary to remove the baffles and the liners.
- 4.15 This appliance has 2 baffles, 1 metal and 1 vermiculite, that must be removed before the liners can be taken out of the appliance.
- 4.16 Remove the logs.

### METAL BAFFLE

To remove the metal baffle:

- 4.17 Undo the 3 screws securing it to the roof of the firebox, see Diagram 15.

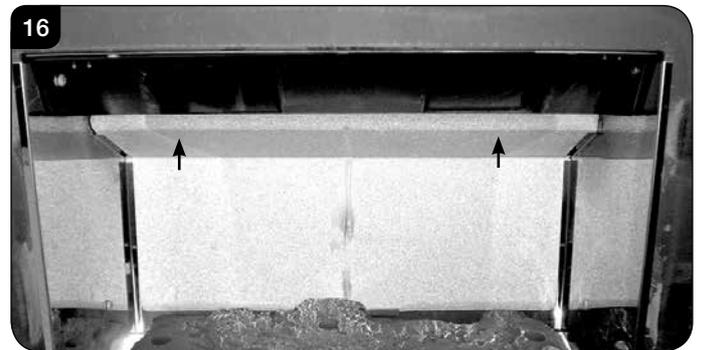


- 4.18 The baffle can now be removed through the front of the appliance.

### VERMICULITE BAFFLE

To remove the vermiculite baffle:

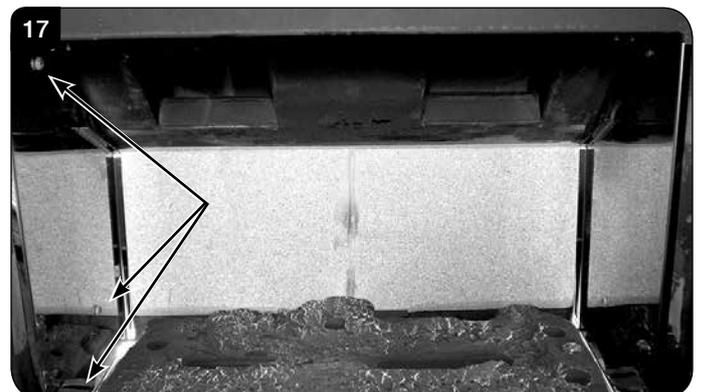
- 4.19 Lift the vermiculite baffle and slide out through the front of the appliance, see Diagram 16.



Once the baffles have been placed carefully to one side the liners can then be taken out in the following order.

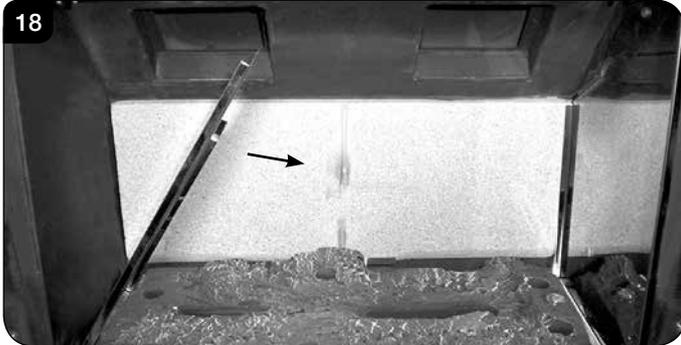
### REFLECTIVE LINERS

- 4.20 To remove the left hand liner undo the 3 screws, including the 1 under the log guard bracket, see Diagram 17.



# Servicing Instructions - Replacing Parts

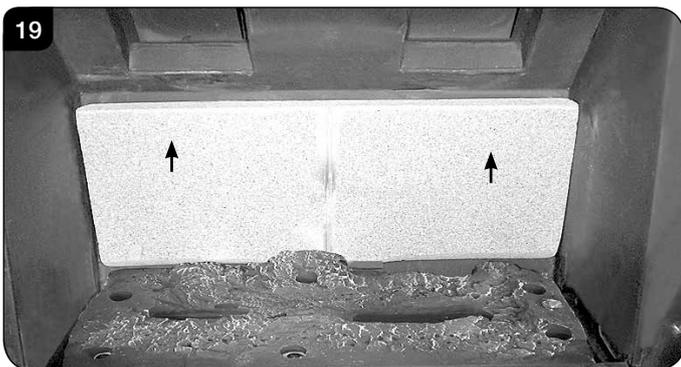
- 4.21 Remove the log guard bracket.
- 4.22 Tilt the liner inwards towards the centre of the firebox before lifting up and pulling out through the front of the firebox, see Diagram 18.



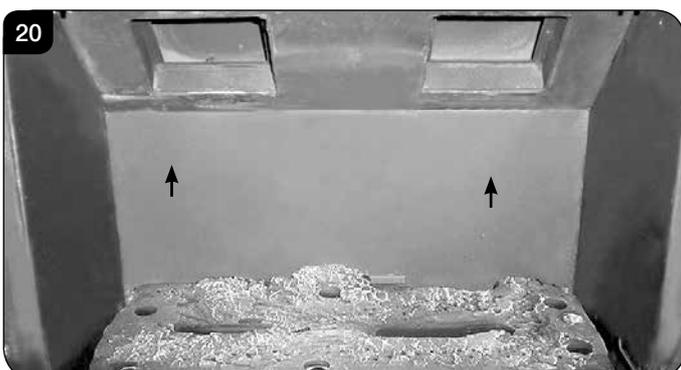
- 4.23 To remove the right hand liner undo the 3 screws, including the 1 under the log guard bracket, see Diagram 17.
- 4.24 Remove the log guard bracket.
- 4.25 Tilt the liner inwards towards the centre of the firebox before lifting up and pulling out through the front of the firebox, see Diagram 18.

## VERMICULITE LINER

- 4.26 The rear liner does not need to be removed in order to access the burner tray for maintenance, however it is advisable to remove the rear panel to avoid possible damage and to clean or replace.
- 4.27 To remove the back panel lift out of the bracket and remove through the front of the appliance, see Diagram 19.

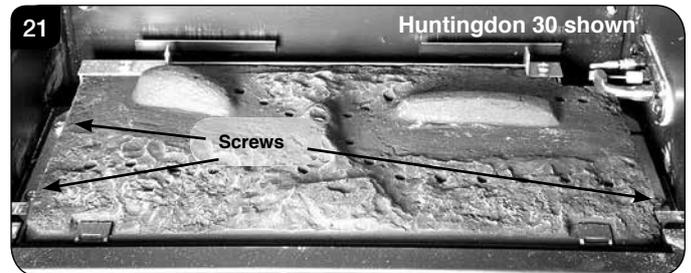


- 4.28 With the liners and baffle removed the firebox is clear for cleaning and maintenance, see Diagram 20.

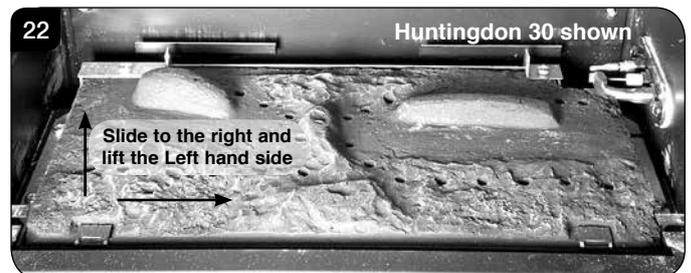


## 5. Main Burner

- 5.1 To replace the main burner:  
Remove the baffle and liners, see Section 4.
- 5.2 Remove the three securing screws from the edges of the burner, see Diagram 21.



- 5.3 Slide the burner fully to the right whilst lifting the Left Hand side clear of the bracket, see Diagram 22.



- 5.4 Slide the burner back to the left and out of its location.  
**IMPORTANT: Take care when removing the burner not to damage the ceramic pad with the pilot unit attached.**

Refit in reverse order.

## 6. Pilot Unit

All models have a serviceable Pilot Unit - see section for individual model requirements.



**IMPORTANT: UNDER THE TERMS OF THE EXTENDED WARRANTY IT WILL BE COMPULSORY TO CHANGE THE COMPLETE PILOT UNIT ON THIS APPLIANCE IN YEARS 2 AND 4.**

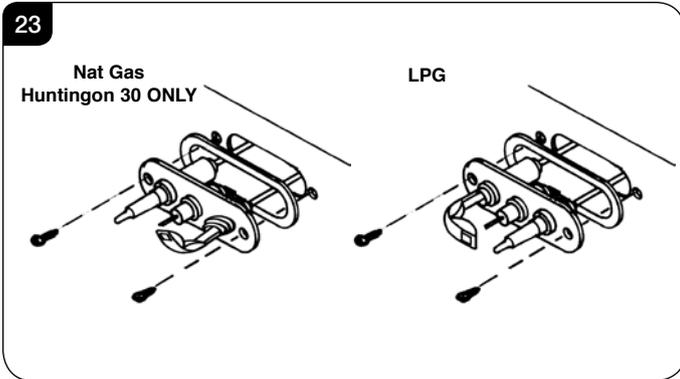
## Huntingdon 20 & 30 Only

- 6.1 The pilot assembly consists of five components, which can be individually replaced:  
Pilot burner bracket  
Pilot injector  
Electrode  
Thermocouple  
Gasket
- 6.2 Turn the gas supply off at the isolation device, remove the door and place to one side, carefully remove the ceramic fuel bed components.

# Servicing Instructions - Replacing Parts

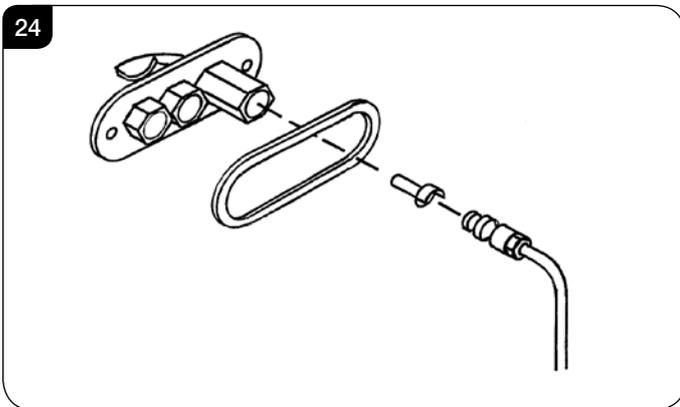
## Pilot Burner Bracket

- 6.3 Remove the two fixing screws from the pilot bracket, see Diagram 23. Gently draw the assemble away from the firebox to give access to the nuts and ignition lead.  
**NOTE: TAKE CARE NOT TO DAMAGE THE GASKET.**



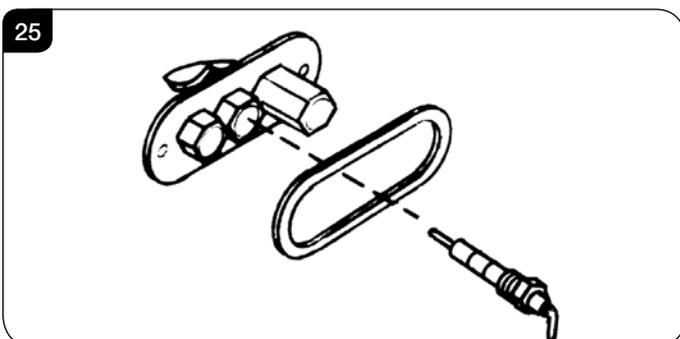
## Pilot Injector

- 6.4 Undo the compression nut on the pilot feed pipe and withdraw the injector which will be hooked onto the olive. When replacing an injector always make sure it is hooked onto the olive before inserting it into the pilot burner, see Diagram 24.



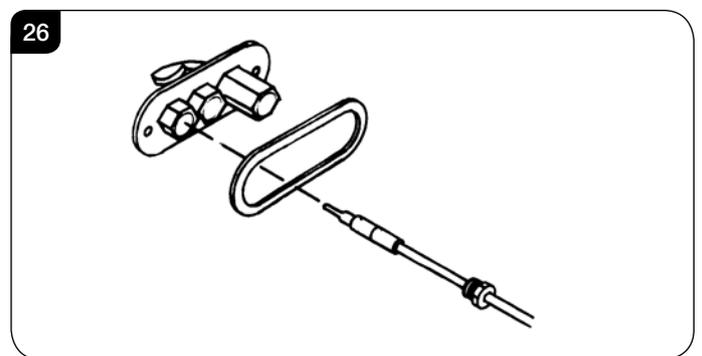
## Electrode

- 6.5 Disconnect the ignition lead and undo the retaining nut. The electrode can now be removed, note the orientation of the electrode terminal when reassembling, see Diagram 25.



## Thermocouple

- 6.6 Undo the retaining nut and withdraw the thermocouple. Undo the thermocouple from the back of the gas valve, see Diagram 26. Reassemble in reverse order. Do not overtighten.



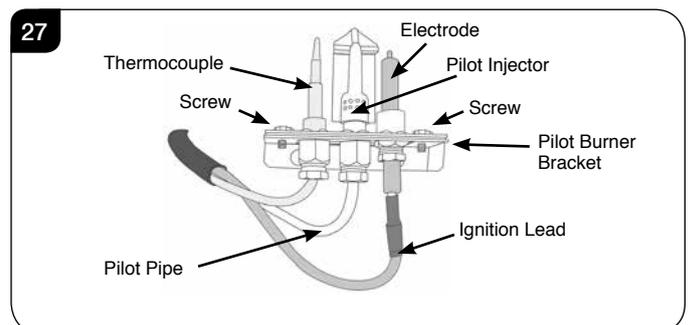
## Gasket

- 6.7 Disconnect all the above components and withdraw the gasket. If it is damaged, replace with a new item. **Always replace the gasket first when reassembling the pilot components.**

## Huntingdon 40 Only

The pilot assembly consists of 4 components which can be individually changed:

- Pilot burner bracket
- Electrode
- Pilot injector
- Thermocouple



**NOTE: Ensure the sealant surrounding the Electrode and Thermocouple leads is replaced if disturbed or removed whilst gaining access to these components.**

- 6.8 Turn the gas supply off at the isolation device, remove the door and place to one side, carefully remove the ceramic fuel bed components.

# Servicing Instructions - Replacing Parts

## Pilot Burner Bracket

To remove the Pilot Burner Bracket:

- 6.9 **First remove the electrode, pilot pipe and thermocouple as described in the following sections.**
- 6.10 Remove the 2 screws securing the bracket. The pilot burner bracket can now be removed.
- 6.11 Replace in reverse order.

## Electrode

- 6.12 Pull the ignition lead off the electrode and undo the retaining nut, see Diagram 27.
- 6.13 Replace with a new electrode. Do not over-tighten the nut; this could break the component.
- 6.14 Replace the ignition lead by pushing the spade connector onto the terminal (electrode).

## Pilot Injector

- 6.15 Undo the pilot pipe from the gas valve and from the underside of the pilot burner, see Diagram 27.
- 6.16 Remove the pipe and the injector drops out from the burner.

## Thermocouple

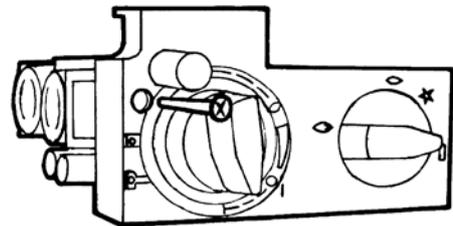
- 6.17 Disconnect the thermocouple from the gas valve.
- 6.18 Undo the thermocouple nut in the back of the pilot bracket half a turn. This releases the thermocouple.
- 6.19 When replacing with a new thermocouple, take care to bend the new component to the same shape as the thermocouple just removed.
- 6.20 To refit the thermocouple into the pilot bracket, ensure it is pushed fully into the hole. There is a stop on the thermocouple to set the height.
- 6.21 Lock the retaining nut just enough to grip the thermocouple.
- 6.22 Connect the thermocouple to the valve **taking care not to over-tighten.**

## 7. Ignition Lead

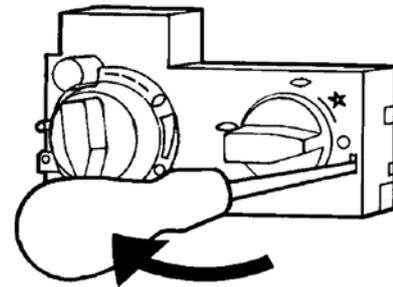
- 7.1 Follow the Pilot Unit instruction to access the back of the pilot assembly.
- 7.2 Disconnect the ignition lead from the electrode.
- 7.3 Remove the front cover from the control valve by removing the retaining screw, see Diagram 28 and gently levering clear with flat bladed screwdriver, see Diagram 29.

**NOTE: There is a small cylindrical metal spacer inside the cover, this must be kept and replaced on the fixing screw on re-assembly**

28



29



- 7.4 Disconnect the other end of the ignition lead from the valve body noting the route of the ignition lead.
- 7.5 Replace with a new ignition lead following the same route as the old one.
- Replace the valve cover and the pilot assembly.
- 7.6 Check operation of the new ignition lead.

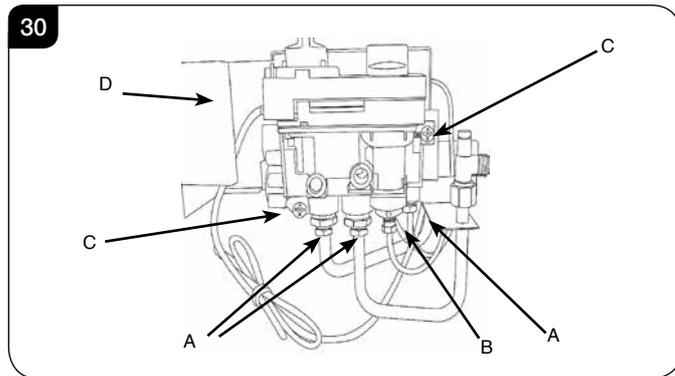
## 8. Piezo

- 8.1 The piezo assembly used on this appliance is not serviceable and is not likely to fail.
- 8.2 If a new piezo is required it will be necessary to change the valve, see Section 9.

# Servicing Instructions - Replacing Parts

## 9. Gas Valve

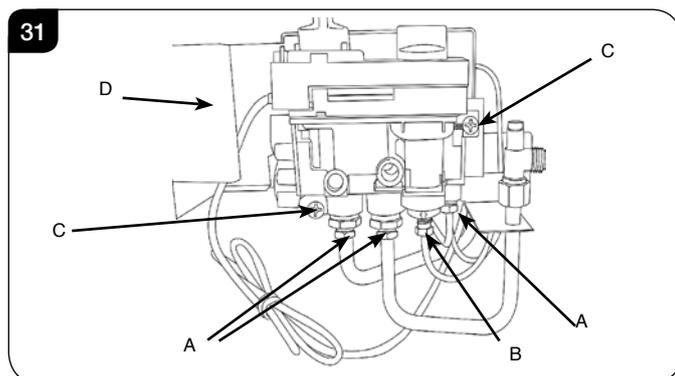
- 9.1 To remove the valve turn off the gas supply at the isolation device.
- 9.2 Disconnect the 2 x 8mm and 1 x 4mm gas pipe fittings at the back of the gas valve, see Diagram 30 (A).
- 9.3 Disconnect the thermocouple, see Diagram 30 (B).



- 9.4 Disconnect the ignition lead from the gas valve, see Diagram 30 (D).
- 9.5 Remove the cover, see Section 7.3.
- 9.6 Undo the two bolts securing the gas valve to the appliance and remove the valve, see Diagram 30 (C).
- 9.7 Replace in reverse order.
- 9.8 Check all joints for gas leaks and check operation of the thermocouple and ignition lead.

## 10. Magnetic Safety Valve

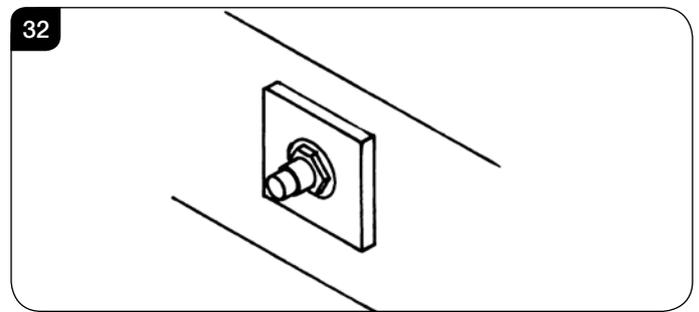
- 10.1 Turn the gas supply off at the isolation device.
- 10.2 Undo the thermocouple connection from the back of the gas valve, Diagram 31 (A).
- 10.3 Undo the magnetic valve-retaining nut from the back of the control valve, see Diagram 31 (B).
- 10.4 Gently tap out the magnetic valve and replace with a new unit.
- 10.5 Replace the retaining nut and tighten.



- 10.6 Reassemble the interruptor block and leads and secure the thermocouple connection in the rear of the gas control. (Do not overtighten).
- 10.7 Turn the gas supply on and check the entire pipework and valve joints for any leaks.

## 11. Main Injector

- 11.1 To remove the main injector turn off the gas supply at the isolation device.
- 11.2 Remove the main burner, see Section 5.
- 11.3 Undo the compression nut from the feed pipe at the gas control under the appliance.
- 11.4 Working from inside the firebox remove the lock nut from the injector, see Diagram 32.



- 11.5 Extract the injector with the feed pipe from beneath the appliance.
- 11.6 Holding the injector with a spanner:
- 11.7 Undo the feed pipe. **Note the orientation of the injector.**
- 11.8 Re-assemble in reverse order.
- 11.9 Turn on the gas supply and check for leaks.

# Servicing Instructions - Replacing Parts

## 12. Primary Aeration Plate

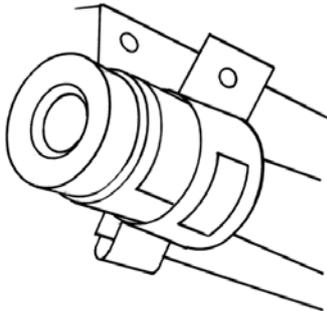
**NOTE: Not all models have aeration plates. Please refer to the Technical Specification.**

- 12.1 To replace the primary aeration plate turn off the gas supply at the isolation device.
- 12.2 Remove the burner, as described in Installation Instructions, Replacing Parts, Section 5.

### Huntingdon 20 & 30

- 12.3 Remove the fixing screw and slide the plate off the venturi.
- 12.4 Replace with the correct size plate and secure with the screw. Ensure the lower edge of the plate is located over the venturi flange, see Diagram 33.

33

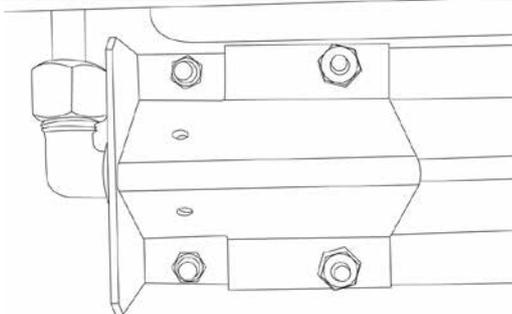


- 12.5 Reassemble in reverse order.  
**NOTE: Even if no aeration plate is required, the small screw must be replaced.**

### Huntingdon 40

- 12.6 Remove the fixing nuts and slide the plate off the venturi.
- 12.7 Replace with the correct size plate and secure with the nuts. Ensure the lower edge of the plate is located over the venturi flange, see Diagram 34.

34



- 12.8 Reassemble in reverse order.

## 13. Changing Between Gas Types

A kit of parts is available for this - Contact your Gazco retailer for further information.

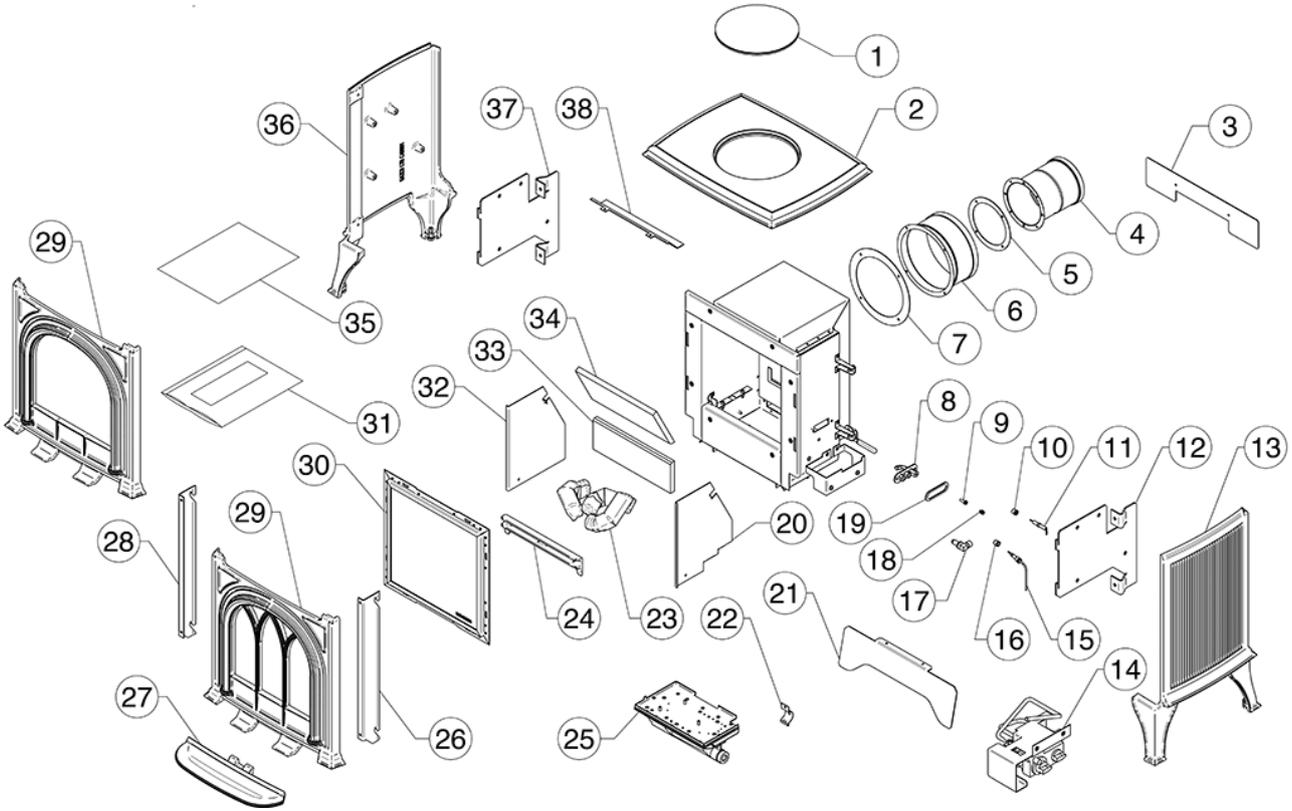
Always quote the Model number and Serial number when ordering any spare parts.

## 14. Control Upgrade

\*See Installation Instructions, Section 2.

# Servicing Instructions - Replacing Parts

## 15. Spare Parts List - Huntingdon 20



No.	Component	Part Code		
		Natural Gas	LPG	Quantity
1	Blanking Plate	CA0721*		1
2	Top Casting	CA0644*		1
3	Air duct Vanity Cover	GZ12830		1
4	Inner Spigot	MEC0231		1
5	Inner Spigot Gasket	CE0210		1
6	Outer Spigot	MEC0232		1
7	Outer Spigot Gasket	CE0211		1
8	Pilot Burner Bracket	PI0051		1
9	Pilot Burner Injector	PI0026	PI0015	1
10	Electrode Retain Nut	PI0012		1
11	Electrode	PI0053		1
12	RH Engine Mount	GZ12525		1
13	RH Side Casting	CA0800*		1
14	Control Assembly	BO213		1
15	Thermocouple	PI0010		1
16	Hook Nut	PI0014		1
17	Elbow Injector	IN0040 - Size 185	IN0071 -Size 90	1
18	Hook Olive	PI0013		1
19	Pilot Burner Gasket	PI0052		1
20	RH Reflector	GZ12827		1

No.	Component	Part Code		
		Natural Gas	LPG	Quantity
21	Vanity Cover	GZ12529		1
22	Aeration Plate	GZ3270 -ID Letter D	GZ3966 -ID Letter L	1
23	Log Set	CE1599		1
24	Log Retainer	CA0807		1
25	Burner Assembly	GZ12754	GZ12755	1
26	RH Door Bracket	GZ12523		1
27	Lip Plate Casting	CA0803*		1
28	LH Door Bracket	GZ12522		1
29	Clear Door	CA0806*		1
29	Tracery Door	CA0802*		1
30	Glass Frame Assembly	GZ12808		1
31	Embaglow	GZ8471		1
32	LH Reflector	GZ12828		1
33	Rear Lining	CE1560		1
34	Top Lining	CE1561		1
35	Instruction Manual	PR0927		1
36	LH Side Casting	CA0801*		1
37	LH Engine Mount	GZ12524		1
38	Top Inner Baffle	GZ13007		1

\*Use the additional suffix to assist in any correspondence. Matt Black - No Suffix, Laurel Green - LG, Midnight Blue - MB, Ivory - IV, Matt Ivory - MIV



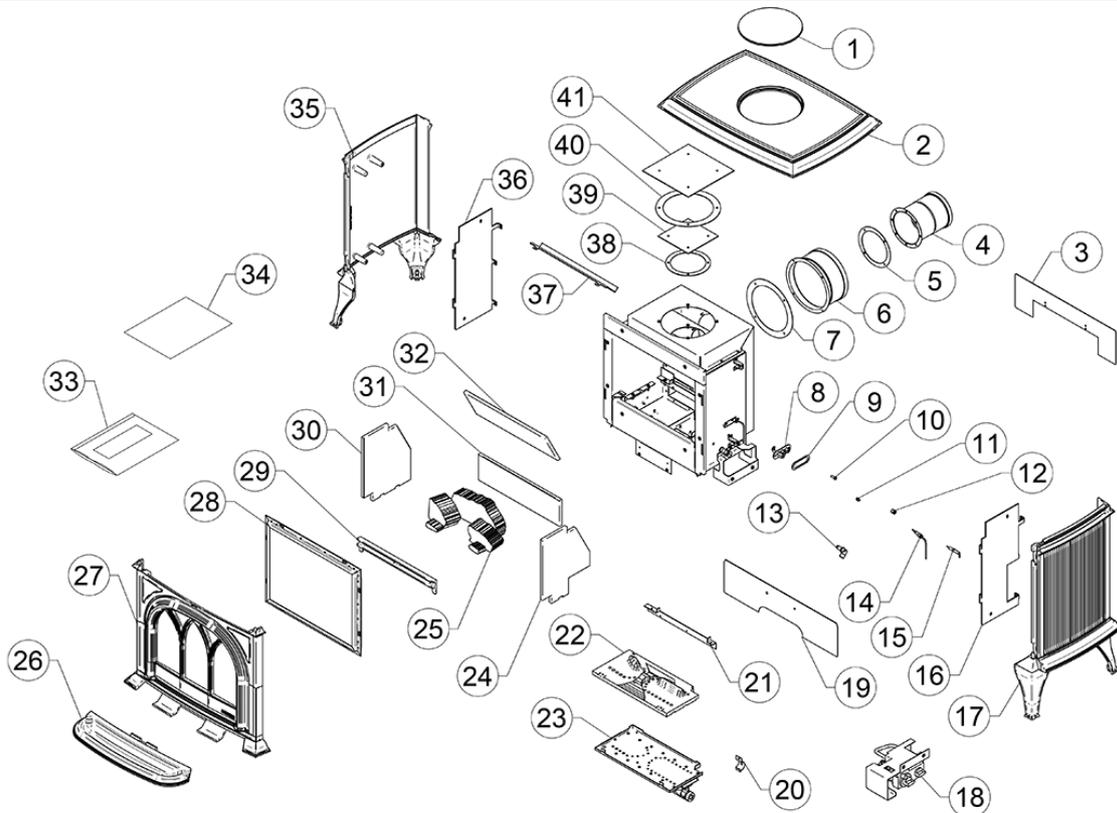
Due to continual technical improvements please check online or with your Gazco retailer for the most up to date parts lists.

Only use Genuine Gazco spares when servicing your appliance.

All of our essential spare parts and consumable items are available to purchase from our webshop at [www.gazcospares.com](http://www.gazcospares.com).

# Servicing Instructions - Replacing Parts

## 15. Spare Parts List - Huntingdon 30



No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Blanking Plate	CA0721*		1
2	Top Casting	CA0644*		1
3	Rear Airduct Cover	GZ6565		1
4	Inner Spigot	MEC0231		1
5	Inner Spigot Gasket	CE0210		1
6	Outer Spigot	MEC0232		1
7	Outer Spigot Gasket	CE0211		1
8	Pilot Burner Bracket	PI0051		1
9	Pilot Burner Bracket Gasket	PI0052		1
10	Pilot Burner Injector	PI0026	PI0015	1
11	Hook Olive	PI0013		1
12	Hook Nut	PI0014		1
13	Main Injector	Size 158 IN0060	Size 110 IN0054	1
14	Thermocouple	PI0011		1
15	Electrode	PI0053		1
16	RH Firebox Location Plate	GZ6222		1
17	RH Side Casting	CA0641*		1
18	Control Assembly	B0216		1
19	Skirt	GZ6669		1
20	Aeration Plate	ID Letter K - GZ3869		1
21	Rear Log Retainer	GZ9553		1

No.	Component	Part Code		Quantity
		Natural Gas	LPG	
22	Base Ceramic	CE0997	CE1014	1
23	Full Burner Assembly	GZ9646	GZ9647	1
24	RH Ceramic Panel	CE1014		1
25	Log Set	CE0960		1
26	Lip Plate Casting	CA0643*		1
27	Front Casting	CA0642*		1
28	Glass Frame Assembly	GZ13166		1
29	Log Retainer	CA0744		1
30	LH Ceramic Panel	CE1013		1
31	Back Ceramic Panel	CE1015		1
32	Top Ceramic Panel	CE1030		1
33	Emberglow	GZ8471		1
34	Instruction Manual	PR0927		1
35	LH Side Casting	CA0640*		1
36	LH Firebox Location Plate	GZ6221		1
37	Top Inner Baffle	GZ9576		1
38	Inner Gasket	CE0210		1
39	Inner Blanking Plate	ME1320		1
40	Outer Gasket	CE0211		1
41	Outer Blanking Plate	ME1321		1

\*Use the additional suffix to assist in any correspondence. Matt Black - No Suffix, Laurel Green - LG, Midnight Blue - MB, Ivory - IV, Matt Ivory - MIV



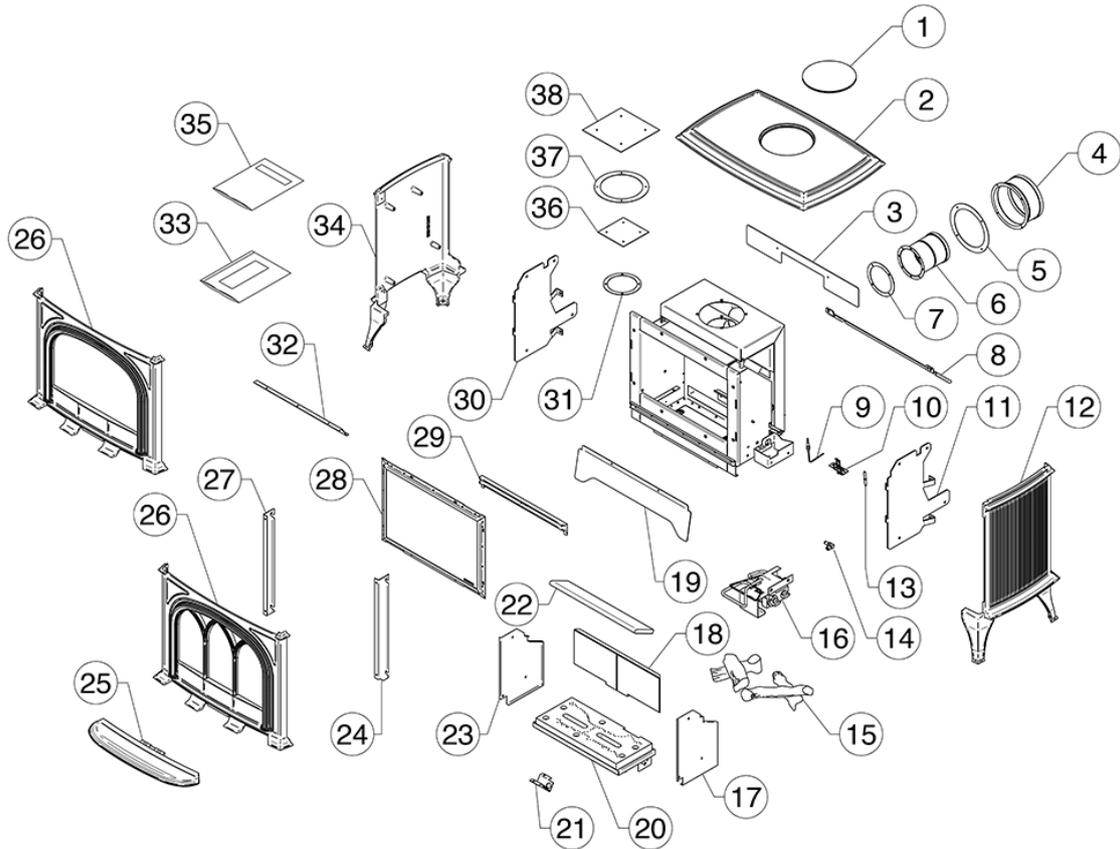
Due to continual technical improvements please check online or with your Gazco retailer for the most up to date parts lists.

Only use Genuine Gazco spares when servicing your appliance.

All of our essential spare parts and consumable items are available to purchase from our webshop at [www.gazcospares.com](http://www.gazcospares.com).

# Servicing Instructions - Replacing Parts

## 15. Spare Parts List - Huntingdon 40



No.	Component	Part Code		
		Natural Gas	LPG	Quantity
1	Blanking Plate	CA0721*		1
2	Top Casting	CA0644*		1
3	Air duct Vanity Cover	GZ12598		1
4	Outer Spigot	MEC0232		1
5	Outer Spigot Gasket	CE0211		1
6	Inner Spigot	MEC0231		1
7	Inner Spigot Gasket	CE0210		1
8	Rear Strap Support	GZ12585		1
9	Thermocouple	PI0074		1
10	Pilot	PI0069	PI0070	1
11	RH Firebox Location Plate	GZ12582		1
12	RH Side Casting	CA0816*		1
13	Electrode	PI0075		1
14	Injector	IN0028	IN0040	1
15	Log Set	CE1304		1
16	Engine Control Assembly	GZ12893		1
17	RH Reflective Panel	GZ11015		1
18	Rear Liner Panel	CE1311		1
19	Vanity Cover	GZ12584		1
20	Burner Assembly	GZ11001		1

No.	Component	Part Code		
		Natural Gas	LPG	Quantity
21	Aeration Cover -	GZ11217 9mm Ø	GZ10411 18mm Ø	2
22	Top Liner Panel	CE1312		1
23	LH Reflective Panel	GZ11014		1
24	RH Door Bracket	GZ12580		1
25	Lip Plate Casting	CA0818*		1
26	Clear Door	CA0815*		1
26	Tracery Door	CA0814*		1
27	LH Door Bracket	GZ12581		1
28	Glass & Frame Assembly	GZ12805		1
29	Log Retainer	CA0765		1
30	LH Firebox Location Plate	GZ12583		1
31	Inner Spigot Gasket	CE0210		1
32	Top Baffle	GZ11544		1
33	Embaglow	GZ8471		1
34	LH Side Casting	CA0817*		1
35	Instruction Manual	PR0927		1
36	Inner Box Banking Plate	GZ1320		1
37	Outer Spigot Gasket	CE0211		1
38	Outer Box Blanking Plate	GZ1321		1

\*Use the additional suffix to assist in any correspondence. Matt Black - No Suffix, Laurel Green - LG, Midnight Blue - MB, Ivory - IV, Matt Ivory - MIV

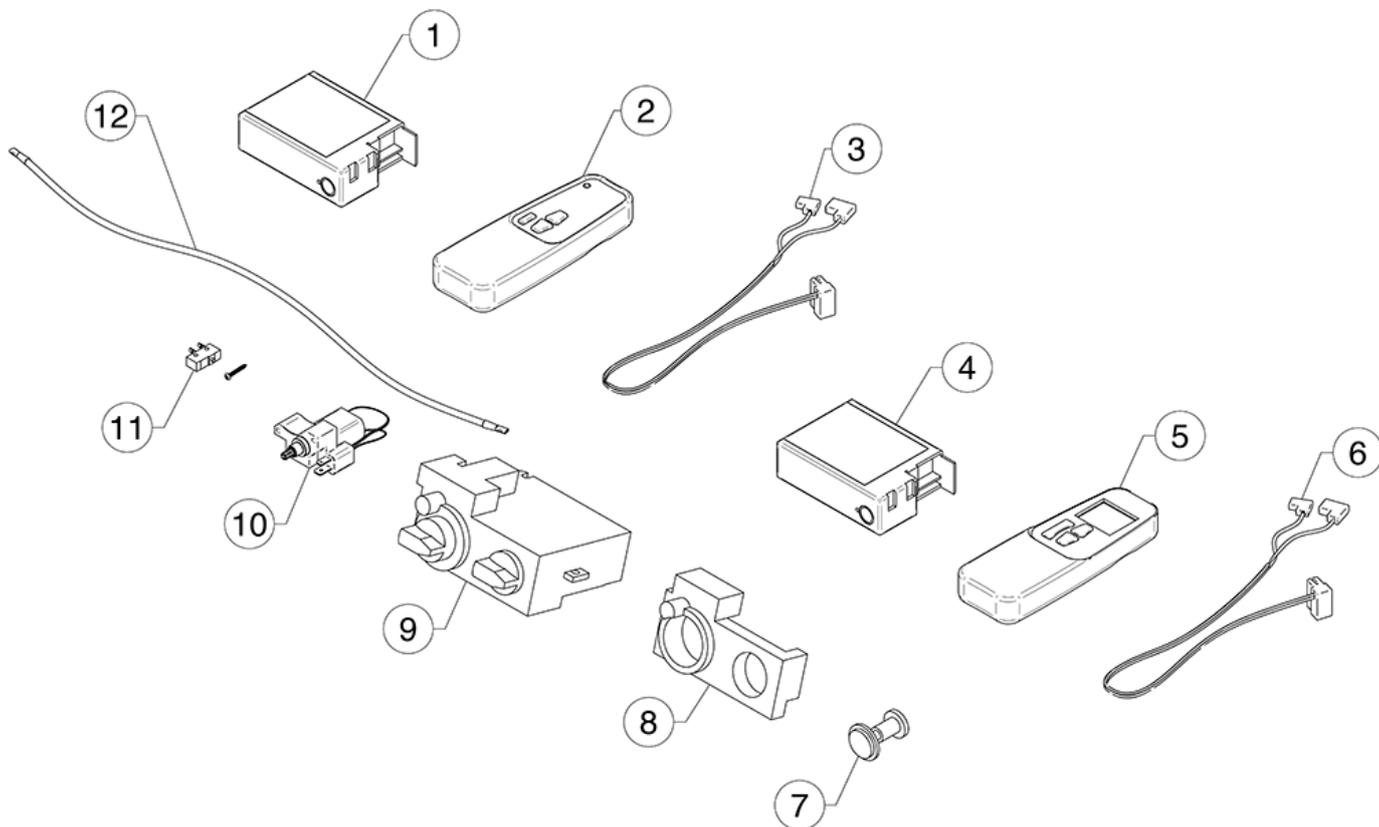


Due to continual technical improvements please check online or with your Gazco retailer for the most up to date parts lists.

Only use Genuine Gazco spares when servicing your appliance.  
All of our essential spare parts and consumable items are available to purchase from our webshop at [www.gazcospares.com](http://www.gazcospares.com).

# Servicing Instructions - Replacing Parts

## 15. Spare Parts List - Control Assembly



No.	Component	Part Code		
		Natural Gas	LPG	Quantity
1	Standard Receiver	EL0235		1
2	Standard Handset	EL0239		1
3	Standard Receiver Cable	EL0237		1
4	Thermostatic Receiver	EL0236		1
5	Thermostatic Handset	EL0240		1
6	Thermostatic Receiver Cable	EL0238		1
7	Mag Unit	GC0166		1
8	Control Valve Cover	GC0087		1
9	Control Valve	GC0088K		1
10	Geared Motor	EL0234		1
11	Micro Switch and Screw	EL0241		1
12	Ignition Lead	GC0090		1



Due to continual technical improvements please check online or with your Gazco retailer for the most up to date parts lists.

Only use Genuine Gazco spares when servicing your appliance.

All of our essential spare parts and consumable items are available to purchase from our webshop at [www.gazcospares.com](http://www.gazcospares.com).

# Service Records

**1ST SERVICE**

Date of Service .....  
Next Service Due .....  
Signed .....  
Retailer's Stamp/GasSafe Registration Number

**3RD SERVICE**

Date of Service .....  
Next Service Due .....  
Signed .....  
Retailer's Stamp/GasSafe Registration Number

**5TH SERVICE**

Date of Service .....  
Next Service Due .....  
Signed .....  
Retailer's Stamp/GasSafe Registration Number

**7TH SERVICE**

Date of Service .....  
Next Service Due .....  
Signed .....  
Retailer's Stamp/GasSafe Registration Number

**9TH SERVICE**

Date of Service .....  
Next Service Due .....  
Signed .....  
Retailer's Stamp/GasSafe Registration Number

**2ND SERVICE**

Date of Service .....  
Next Service Due .....  
Signed .....  
Retailer's Stamp/GasSafe Registration Number

**4TH SERVICE**

Date of Service .....  
Next Service Due .....  
Signed .....  
Retailer's Stamp/GasSafe Registration Number

**6TH SERVICE**

Date of Service .....  
Next Service Due .....  
Signed .....  
Retailer's Stamp/GasSafe Registration Number

**8TH SERVICE**

Date of Service .....  
Next Due .....  
Signed .....  
Retailer's Stamp/Gas Safe Registration Number

**10TH SERVICE**

Date of Service .....  
Next Service Due .....  
Signed .....  
Retailer's Stamp/GasSafe Registration Number

# Information Requirement - Gas Heaters

## Information Requirement for Gaseous Fuel Local Space Heater

Model		Huntingdon 20 BF NG	Huntingdon 20 BF LPG
Fuel	Space Heating Emissions (NOx) - mg / kWh <sub>input</sub> (GCV)	130	130
Heat Output	Nominal Heat Output - P <sub>nom</sub>	2.5kW	2.4kW
	Minimum Heat Output (indicative) - P <sub>min</sub>	1.3kW	1.3kW
Auxiliary Electricity Consumption	At Nominal Heat Output - e <sub>lmax</sub>	N/A	N/A
	At Minimum Heat Output - e <sub>lmin</sub>	N/A	N/A
	In Standby Mode - e <sub>l<sub>sb</sub></sub>	N/A	N/A
Useful Efficiency (NCV)	Useful Efficiency at nominal heat output - η <sub>th,nom</sub>	85.1%	85.1%
	Useful Efficiency at minimum heat output (indicative) - η <sub>th,min</sub>	72.0%	72.0%
Permanent Pilot Flame Power requirement	Permanent Pilot Flame Power requirement (if applicable) - P <sub>pilot</sub>	0.200kW	0.200kW
<b>Type of heat output/room temperature control</b>			
	Electronic room temperature control + day timer	Yes	Yes
<b>Other control options (multiple selections possible)</b>			
	Room temperature control, with presence detection	No	No
	Room temperature control, with open window detection	No	No
	With distance control option	No	No
	With adaptive start control	No	No
	With working time limitation	No	No
	With black bulb sensor	No	No
	<b>Energy Efficiency Index</b>	<b>77.0%</b>	<b>77.0%</b>
	<b>Energy Efficiency Class</b>	<b>C*</b>	<b>C*</b>
<b>*When used with optional Thermostatic Control</b>			
Contact:	Gazco Ltd, Osprey Road, Sowton Industrial Estate, Exeter, EX2 7JG		

# Information Requirement - Gas Heaters

## Information Requirement for Gaseous Fuel Local Space Heater

Model		Huntingdon 30 BF NG	Huntingdon 30 BF LPG
<b>Fuel</b>	Space Heating Emissions (NOx) - mg / kWh <sub>input</sub> (GCV)	130	130
<b>Heat Output</b>	Nominal Heat Output - $P_{nom}$	3.7kW	3.8W
	Minimum Heat Output (indicative) - $P_{min}$	2.1kW	2.1kW
<b>Auxiliary Electricity Consumption</b>	At Nominal Heat Output - $e_{lmax}$	N/A	N/A
	At Minimum Heat Output - $e_{lmin}$	N/A	N/A
	In Standby Mode - $e_{lsb}$	N/A	N/A
<b>Useful Efficiency (NCV)</b>	Useful Efficiency at nominal heat output - $\eta_{th,nom}$	95.4%	95.4%
	Useful Efficiency at minimum heat output (indicative) - $\eta_{th,min}$	93.7%	93.7%
<b>Permanent Pilot Flame Power requirement</b>	Permanent Pilot Flame Power requirement (if applicable) - $P_{pilot}$	0.200kW	0.200kW
<b>Type of heat output/room temperature control</b>			
Electronic room temperature control + day timer		Yes	Yes
<b>Other control options (multiple selections possible)</b>			
Room temperature control, with presence detection		No	No
Room temperature control, with open window detection		No	No
With distance control option		No	No
With adaptive start control		No	No
With working time limitation		No	No
With black bulb sensor		No	No
<b>Energy Efficiency Index</b>		<b>88.7%</b>	<b>88.8%</b>
<b>Energy Efficiency Class</b>		<b>A*</b>	<b>A*</b>

\*When used with optional Thermostatic Control

<b>Contact:</b>	Gazco Ltd, Osprey Road, Sowton Industrial Estate, Exeter, EX2 7JG
-----------------	---

# Information Requirement - Gas Heaters

## Information Requirement for Gaseous Fuel Local Space Heater

Model		Huntingdon 40 BF NG	Huntingdon 40 BF LPG
<b>Fuel</b>	Space Heating Emissions (NOx) - mg / kWh <sub>input</sub> (GCV)	130	130
<b>Heat Output</b>	Nominal Heat Output - $P_{nom}$	5.4kW	5.5kW
	Minimum Heat Output (indicative) - $P_{min}$	2.8kW	2.7kW
<b>Auxiliary Electricity Consumption</b>	At Nominal Heat Output - $el_{max}$	N/A	N/A
	At Minimum Heat Output - $el_{min}$	N/A	N/A
	In Standby Mode - $el_{sb}$	N/A	N/A
<b>Useful Efficiency (NCV)</b>	Useful Efficiency at nominal heat output - $\eta_{th,nom}$	90.8%	90.8%
	Useful Efficiency at minimum heat output (indicative) - $\eta_{th,min}$	80.0%	80.0%
<b>Permanent Pilot Flame Power requirement</b>	Permanent Pilot Flame Power requirement (if applicable) - $P_{pilot}$	0.200kW	0.200kW
<b>Type of heat output/room temperature control</b>			
Electronic room temperature control + day timer		Yes	Yes
<b>Other control options (multiple selections possible)</b>			
Room temperature control, with presence detection		No	No
Room temperature control, with open window detection		No	No
With distance control option		No	No
With adaptive start control		No	No
With working time limitation		No	No
With black bulb sensor		No	No
<b>Energy Efficiency Index</b>		<b>84.9%</b>	<b>85.0%</b>
<b>Energy Efficiency Class</b>		<b>B*</b>	<b>B*</b>
<b>*When used with optional Thermostatic Control</b>			
<b>Contact:</b>	Gazco Ltd, Osprey Road, Sowton Industrial Estate, Exeter, EX2 7JG		

**Gazco Limited, Osprey Road, Sowton Industrial Estate, Exeter, Devon, England EX2 7JG**  
**Technical Customer Services: (01392) 261950 Fax: (01392) 261951**  
**E-mail: [technicalservices@gazco.com](mailto:technicalservices@gazco.com)**

A member of the Stovax Group  
E & O E