



# CLASSIC NGF/LPF GAS STOVE



Please hand these instructions to the stove user when the installation is complete. Leave the system ready for operation and instruct the user in the correct use of the appliance & operation of its controls.

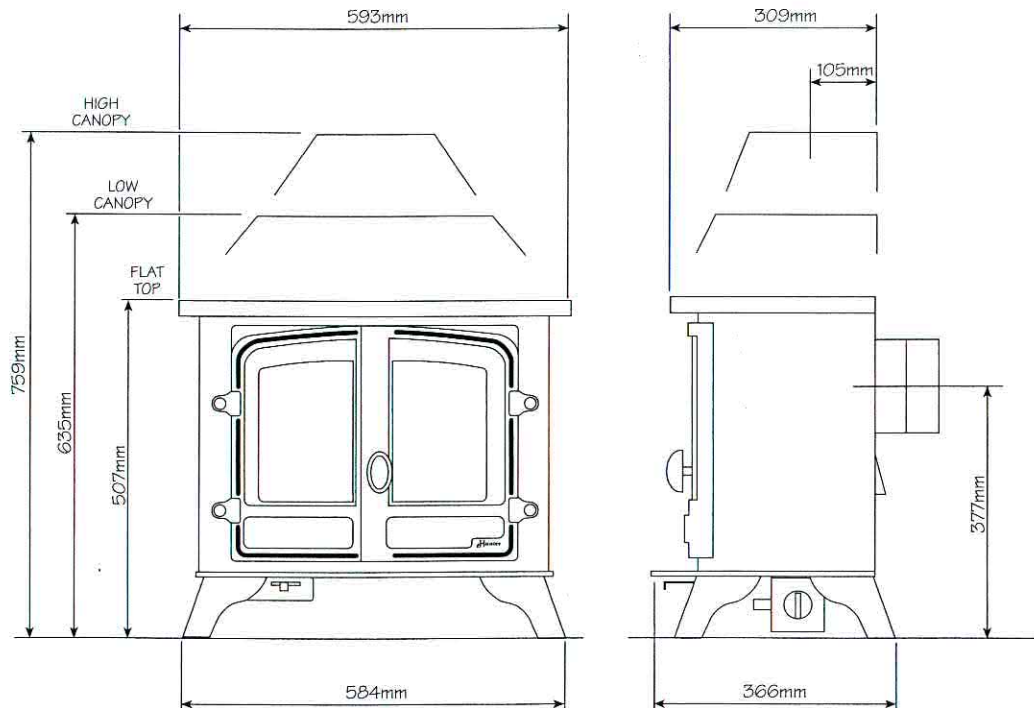
I N S T A L L A T I O N  
I N S T R U C T I O N S

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## STOVE DIMENSIONS

Fig. 1





**PLEASE READ THESE INSTRUCTIONS CAREFULLY**

It is important that your stove is correctly installed as Hunter Stoves Limited cannot accept responsibility for any fault arising through incorrect installation.

## TECHNICAL DATA

Stove/Gas Type	Classic NGF/NAT GAS	Classic LPF/PROPANE
Nominal Gas Pressure	20mbr	37mbr
Supply Gas Type/Cat	G20/l <sub>2h</sub>	G31/l <sub>3p</sub>
Jet Type/Size	Bray 82/380	Bray 82/150
Heat Input (Gross)	Full - 6.00kw	Full - 5.4kw
	Low 3.20kw	Low 3.40kw
Gas Rate (m <sup>3</sup> /h)	Full - 0.571m <sup>3</sup> /h	Full - 0.203m <sup>3</sup> /h
	Low - 0.305m <sup>3</sup> /h	Low - 0.128m <sup>3</sup> /h
Efficiency Class	2	2
Countries of Destination - GB & IE only		

### FLUE THERMOSTATIC SWITCH (TTB)

- (i) The flue temperature thermostat (TTB) is positioned in the stoves draught diverter. It is designed to "fail" open at a pre-determined "cut-off" temperature. The TTB will automatically re-set when the temperature in the draught diverter falls 15 degrees centigrade (15°C) below the cut-off temperature
- (ii) For reasons of safety, the TTB has no adjustment facility. Therefore no attempt must be made by the installer to materially adjust, modify or disconnect the TTB.
- (iii) If for any reason the TTB requires replacing, contact your local Hunter Stoves dealer only genuine Hunter Stove replacement components are acceptable.

TTB - Designed Cut-off temperature 90°C  
Reset temperature 75°C

# INSTALLING THE APPLIANCE ON SITE

## PRE-INSTALLATION NOTES

- 1 The correct burner type installed in the stove unit must be used in conjunction with the appropriate gas supplied. Check stove data plate, secured to the front face of the burner tray to establish the gas type required. Before installation check that the local distribution conditions, nature of the gas and pressure, and adjustment of the appliance are compatible
- 2 A CORGI REGISTERED INSTALLER or equally recognised competent person must fit the appliance. That person is legally responsible for the safe installation of the appliance with due regard to all relevant local and national building regulations.
- 3 All outer surfaces of the stove excepting the gas control knob and the variable aeration control lever are defined as working surfaces.
- 4 The Hunter Classic gas stove can be supplied in either LPG(Propane) or Natural Gas format. However it is not allowable under European CE regulations to exchange a gas burner of one type with that of another in the same gas stove unit.
- 5 The following Regulations apply to the safe installation of the product.  

<b>BS5258</b> Part 5: 1989 Part 12: 1990	<b>BS5440</b> Part 1: 1990 Part 2: 1989
<b>BS5871</b> 1980 (1983) Part 3: 1991	<b>BS715</b> 1989
<b>BS1289</b> Part 1: 1986 Part 2: 1989	

## APPLIANCE SITE

- 1 **Gas connections**  
Gas supply to the stove is to the back of the appliance, bottom right, through the small hole in the rear feet configuration.
- 2 **Installation site**  
Any installation area previously used for a solid fuel fire or stove would probably be deemed suitable for the appliance.

### 3 Opening clearances

For the relevant clearance distances around the appliance when installing the appliance in an opening see fig. 2

## FITTING THE CANOPY

If the appliance is to be used as a canopy option then please refer to the separate instructions which are supplied with the canopy kit.

## HEARTH

The appliance must be sited on a non-combustible hearth.

To comply with current building regulations the hearth should amongst other things,

- a Be Constructed of a solid non-combustible material with a minimum depth of 12mm.
- b Extent at least 225mm in front of the glass door of the appliance, and at least 150mm on either side of the maximum width of the appliance.
- c In addition the hearth area must be at least 50mm above the level of the surrounding floor and/or a raised kerb edge or fender arrangement at least 50mm high to prevent covering of the hearth area with a carpet or similar combustible material.

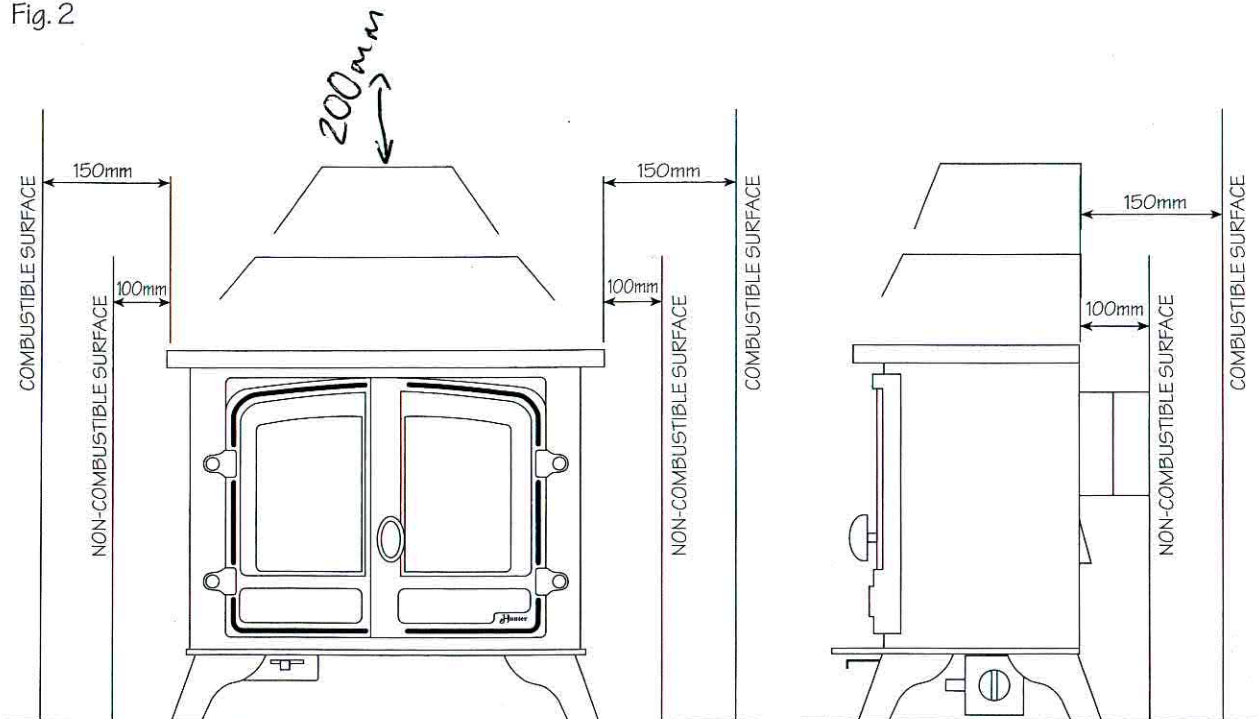
## FIRE SURROUNDINGS

A shelf of combustible material can be fitted above the unit.

If the shelf is less than 150mm deep there must be at least 500mm clearance above the unit measured from its highest point. For shelves of greater depth an additional 13mm should be allowed for each extra 25mm of added shelf.



Fig. 2



## FLUE ARRANGEMENT

The Hunter Classic gas stove is an approved appliance for both class 1 and class 2 installations according to the requirements of the Building Regulations :1 document J/1/2/3 1991.

The unit is additionally deemed applicable for other specific class 2 installation arrangements

**e.g.** pre-cast flues, ridge-vent flue, pre-cast chimney block, and with the relevant adaption the appliance will operate in a closure plate type installation.

It is suggested to run flue pipe at least 615mm vertically from the unit before there are any changes in direction of the flue system. Wherever possible horizontal runs of the flue system should be avoided.

It is suggested that the flue has a minimum of 3 metres of vertical height. Please note for rear flue appliances it is recommended that the vertical flue run be established as soon as is practicable from the rear flue exit.

Before commencing any installation work the installing engineer must check that the

flue is free from any blockages, the chimney should be given a precautionary clean, and finally the chimney should be smoke tested to ensure soundness. Additionally any flue dampers must be permanently fixed open or removed altogether.

**N.B. The CORGI REGISTERED ENGINEER commissioned to install this appliance is wholly responsible for deciding the suitability of any flue arrangement to operate in conjunction with this gas appliance.**

## ADDITIONAL AIR VENTING (GB ONLY)

The supply gas heat input into the appliance is nominally less than 7kw therefore under the directives of the current gas safety and use regulations(1995) No additional air vents are required in the room the appliance is situated.

## GAS SUPPLY CONNECTIONS

The unit is connected to the local gas supply using 8mm diameter rigid or semi-rigid pipe. This supply gas pipe leads to a gas service isolation tap which must be sited within 1 metre of the appliance.

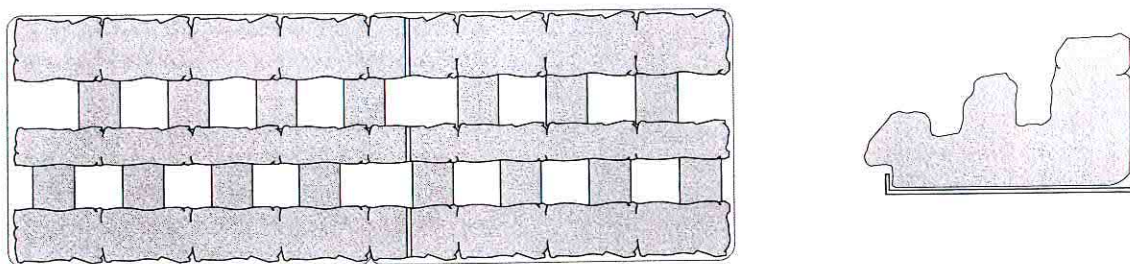
## TESTING SUPPLY PRESSURE

1. Gas pressure at the appliance is measured via the burner test nipple adjacent to the burner control tap.
2. The gas pressure at the appliance is measured with the appliance running at the full rate.

Nat. Gas. @ 17.5mbars

Propane @ 35.5mbars

## COAL ARRANGEMENTS - DIAGRAMS/DRAWINGS



**Fig 3** Place the wider ceramic matrix (HGO1CE015) on the left hand side of the burner tray. Place the narrower ceramic matrix (HGO1CE016) onto the right hand side of the burner tray.



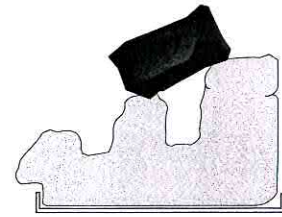
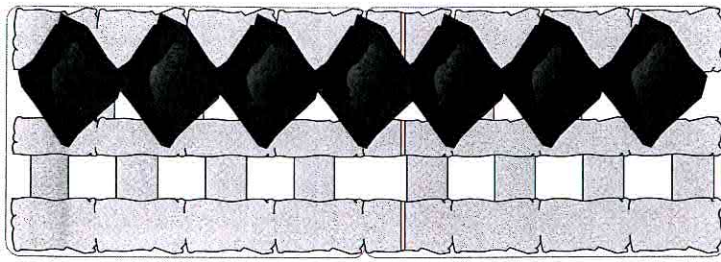


Fig 4

Place 7 of the larger coals (HGO1CE007) as shown

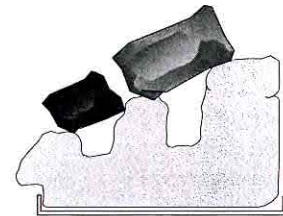
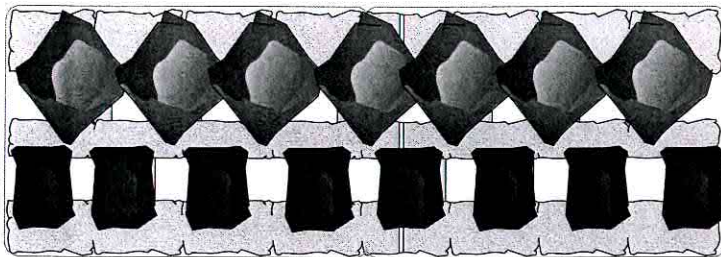


Fig 5

Place 8 of the smaller coals (HGO1CE008) as shown

NO RESPONSIBILITY FOR ANY INJURY HOWSOEVER  
CAUSED WHILST HANDLING HOT COALS OR CERAMICS  
CAN BE ACCEPTED BY HUNTER STOVES LTD

## GAS SUPPLY CONNECTIONS

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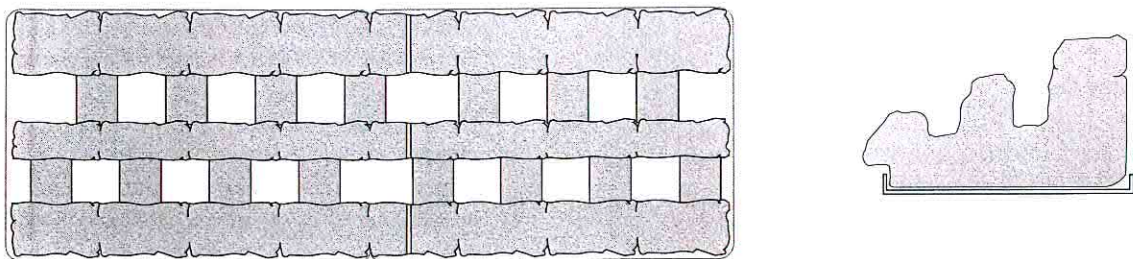
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## COAL ARRANGEMENTS - DIAGRAMS/DRAWINGS



**Fig 3** Place the wider ceramic matrix (HGO1CE015) on the left hand side of the burner tray. Place the narrower ceramic matrix (HGO1CE016) onto the right hand side of the burner tray.



# OPERATING

IT IS STRONGLY RECOMMENDED THAT THESE INSTRUCTIONS ARE READ AND THOROUGHLY UNDERSTOOD IN ADVANCE OF OPERATING THIS APPLIANCE.

## BURNER CONTROLS

- 1 The burner has a permanent pilot operating system with a thermostatically controlled flame failure device.
- 2 The single control knob operating the piezo spark ignition system and rotary variable heat input is situated between the front and rear legs on the lower right-hand side of the unit (looking from the front).
- 3 The pilot assembly is positioned on the right-hand side of the burner tray in front of the lower-right-front ceramic matrix.

## LIGHTING THE APPLIANCE

### 1 ESTABLISHING THE PERMANENT PILOT

With the gas control knob in the fully "off" position press-in fully the control knob and turn anti-clockwise towards the "piezo ignition" position on the control tap backplate until an audible click of the piezo ignitor is felt, and a spark is seen arcing across the pilot assembly. Repeat the procedure until a small flame can be seen at the pilot head.

Once the pilot flame is established keep the control knob depressed for 10-20 seconds - then release the pressure, the pilot flame should remain in place, with the control knob now resting in the "pilot" position.

### 2 STOVE RUNNING ON LOW FLAME

Establish the permanent pilot with the control knob at the "pilot" position. Depress control knob slightly and turn towards the "low flame" position. Release the knob with the stove now burning at its lowest output.

### 3 STOVE RUNNING ON HIGH FLAME

From the "pilot" position depress the control knob and turn to the "high flame" position. Any required output between "high flame" and "low flame" can be achieved simply by turning the control knob to the relevant position.

**Note:** From firing up the appliance it will take around 15-20 minutes for the firebed to take on its proper appearance of glowing coals and yellow/blue flames.

### 4 RETURNING THE STOVE BACK TO THE PERMANENT PILOT POSITION.

With the control tap at any output position between low flame and high flame press in the control knob slightly and turn the control tap to the pilot position and release.

### 5 TURNING OFF THE APPLIANCE

With the control tap at any output position or at the permanent pilot position press in the control tap fully and turn the knob to the off position and release.

### 6 ADJUSTING THE FLAME EFFECT

The flame picture may be changed from coal to coke effect by moving the aeration control lever situated under the left hand side of the front of the stove.

## TEST FOR SPILLAGE

A spillage test **MUST** be made before the installed fire is left with the customer.

Carry out the test by first closing all doors and windows in the room containing the fire.

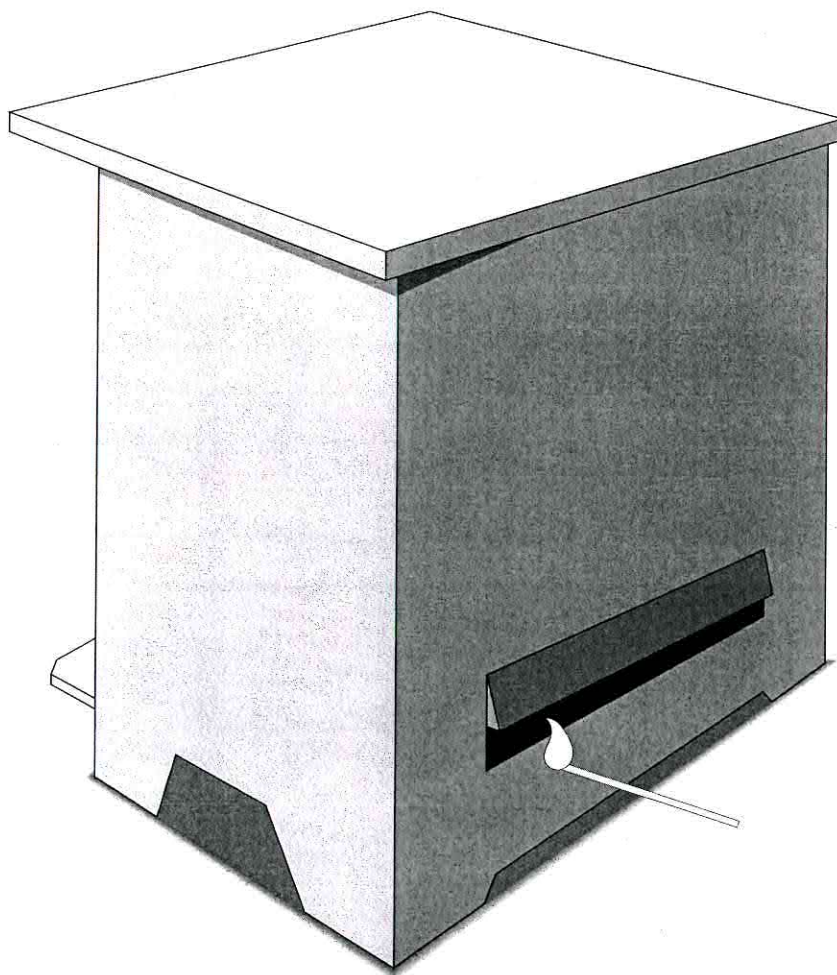
Ensure that the fire is burning at full rate for a minimum of 5 minutes.

Using a smoke match - run along the edge of the draught diverter. As shown below.

If most of the smoke is not drawn into the draught diverter leave for a further 10 minutes and repeat test.

If there is a fan in an adjoining room the spillage test must be repeated with the fan running and all connecting doors between the fire and fan left open.

If there are still problems the chimney/flue may require attention.



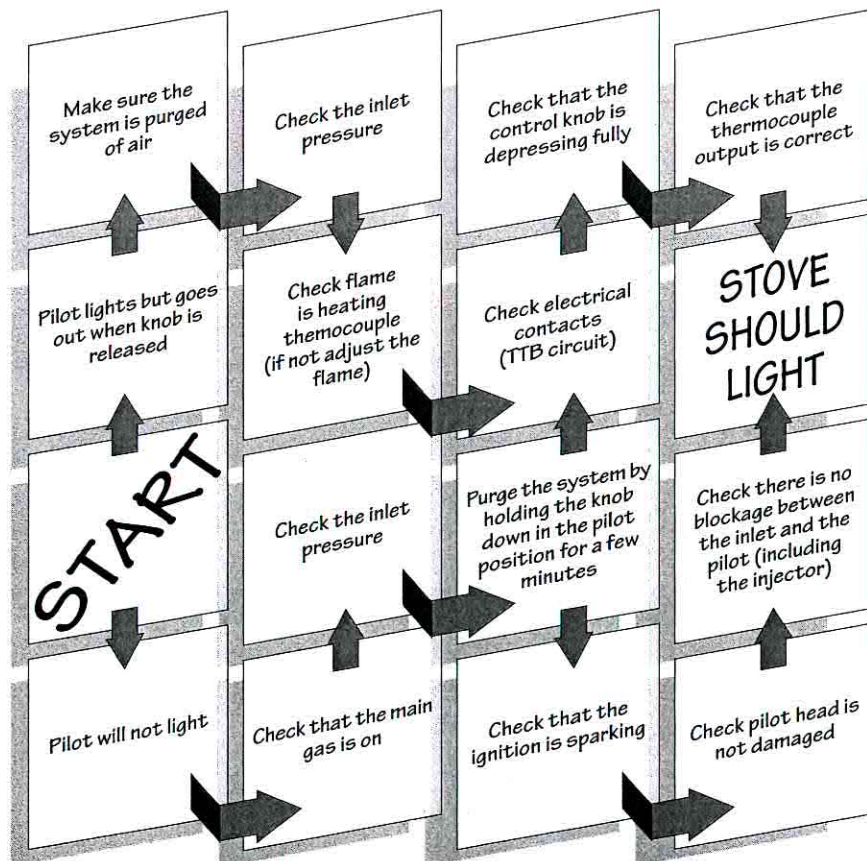


## SERVICING INSTRUCTIONS

It must be understood that any recommendations made here are in addition to any standard servicing procedures used by the servicing engineer.

- 1 Remove the one-piece door.
- 2 Carefully lift-off the coals and upper and lower ceramic matrices.
- 3 Using a soft brush, clean away any lint or light carbon soot deposits out of the gas ports on the burner top plate.
- 4 Check the operation of the Flame failure device and the condition of the TTB wiring.
- 5 Replace the ceramic matrices and loose coals as per the coal arrangement instructions using all re-serviceable coals and any new replacements, and replace the door.
- 6 Check the gas operating pressure and pipework for soundness, carry out a spillage test and check the condition of the flue system.
- 7 Servicing should be carried out by a **CORGI** registered fitter using only original Hunter parts.

### PILOT LIGHT TROUBLESHOOTING GUIDE



## SPARES LIST

DESCRIPTION		CODE NAT. GAS	CODE LPG
Ceramic Coals	Large	HG01CE007	HG01CE007
	Small	HG01CE008	HG01CE008
Ceramic Matrix	Left	HG01CE015	HG01CE015
Ceramic Matrix	Right	HG01CE016	HG01CE016
TTB Switch Complete		HG01BU020	HG01BU020
TTB Leads		HG01BU021	HG01BU021
Interrupter Block		HG01BU022	HG01BU022
Bundy Tube - Main Burner		HG01BU010	HG01BU010
Bundy Tube - Pilot		HG01BU009	HG01BU011
Test Point Elbow		HG01BU023	HG01BU023
Injector - Main		HG01BU024	HG01BU030
Injector - pilot		HG01BU025	HG01BU031
Pilot Assembly Complete		HG01BU026	HG01BU032
Flue Collar		HG01FA013	HG01FA013
Flue Cover Plate		HG01FA014	HG01FA014
Flue Cover Gasket		HG01CE001	HG01CE001
Door Glass Panel		HG01DC005	HG01DC005
Clip for Glass		HHR08046	HHR08046
Door Knob - Cast (Classic Only)		HFR07028	HFR07028
Door Knob - Brass (Classic Only)		HFR07028B	HFR07028B