



huntergas  
COLLECTION

# HUNTER HAWK 4 MKII GAS STOVE



## Instructions for Installation and Servicing

Please leave this instruction booklet with the user after the installation is complete. Leave the system ready for operation and instruct the user in the correct use of the appliance and operation of its controls. Please refer to the appliance data plate for the specific model type.

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Please read these instructions carefully

**This appliance is intended for use on a gas installation with a governed meter.**

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

## INSTALLATION & COMMISSIONING CHECKLIST

APPLIANCE INFORMATION	
Date Installed	
Appliance Stock Code	
Appliance Description	
Serial Number	

PURCHASE INFORMATION	
Dealer/Retailer Name	
Address	
Telephone Number	
Email	
Date Purchased	

INSTALLER INFORMATION	
Installer Name	
Gas Safe Registration Number	
Company Address	
Telephone Number	
Email	

COMMISSIONING CHECK (Complete & Sign)		
	Pass	Fail
Flue is correct for the appliance		
Flue flow test		
Spillage test		
Gas soundness & let by test		
Standing gas pressure	mbar	
Appliance working pressure (on High Setting)	mbar	
Gas rate	m <sup>3</sup> h	
Has a remote control been fitted? (yes/no)		

Signature:	Print Name:
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## TECHNICAL DATA

	NATURAL GAS
Nominal Gas Pressure	20mbar
Supply Gas Type/Category	G20/l <sub>2H</sub>
Injector Type/Marking	59
Heat Input (Gross) Full Low	4.7kW 3.5kW
Gas Flow Rate (m <sup>3</sup> /h) Full	0.447
NO <sub>x</sub> Class	4
Efficiency Class	2
Countries of Destination	GB & IE Only

## STOVE DIMENSIONS

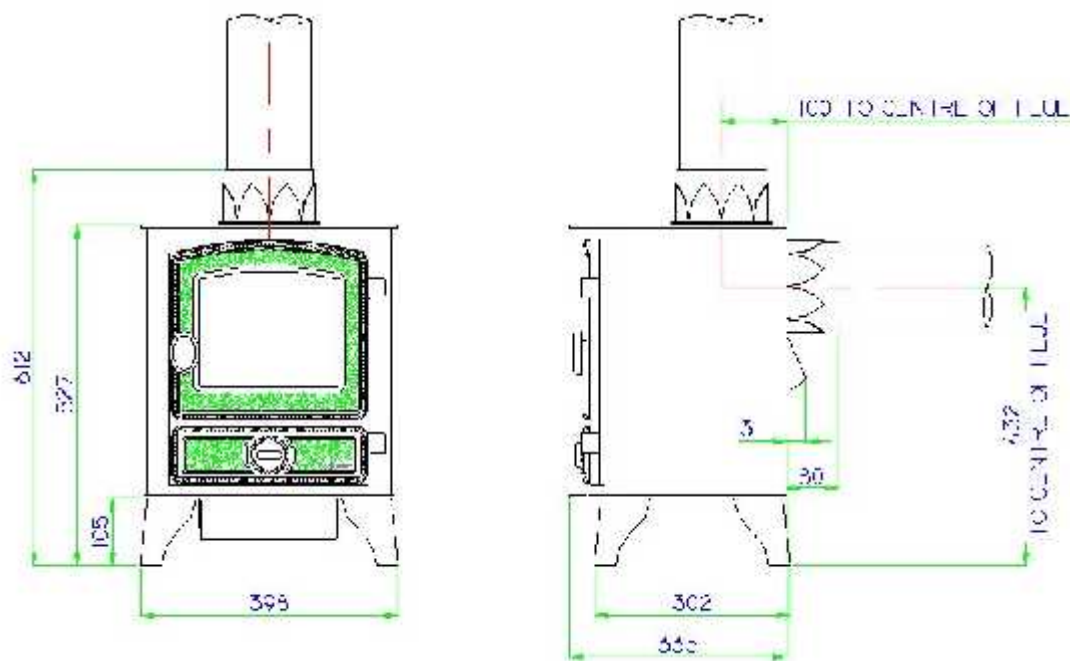


Diagram 1: Stove Dimensions

## INSTALLING THE APPLIANCE

### Pre-installation notes

1. Check the stove data plate to establish the gas type required. The data plate can be found on a chain at the top left rear corner of the stove.  
Before installation check that the local distribution conditions, nature of the gas and pressure, and adjustment of the application are compatible.
2. **A GAS SAFE 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 knobs are defined as working surfaces.
4. Installation site  
Any installation area previously used for a solid fuel fire or stove would probably be deemed suitable for the appliance.
5. **The stove must not be installed onto a combustible wall. Any combustible materials must be removed from behind the appliance.**
6. The appliance must be sited on a non-combustible hearth of minimum 12mm thickness.
7. The hearth should be edged or raised to prevent combustible floor finishes (e.g. Carpet) from being laid too close to the appliance.

8. Opening Clearances: for the relevant clearance distances for installing the appliance in an opening see diagram 2 and table 1.

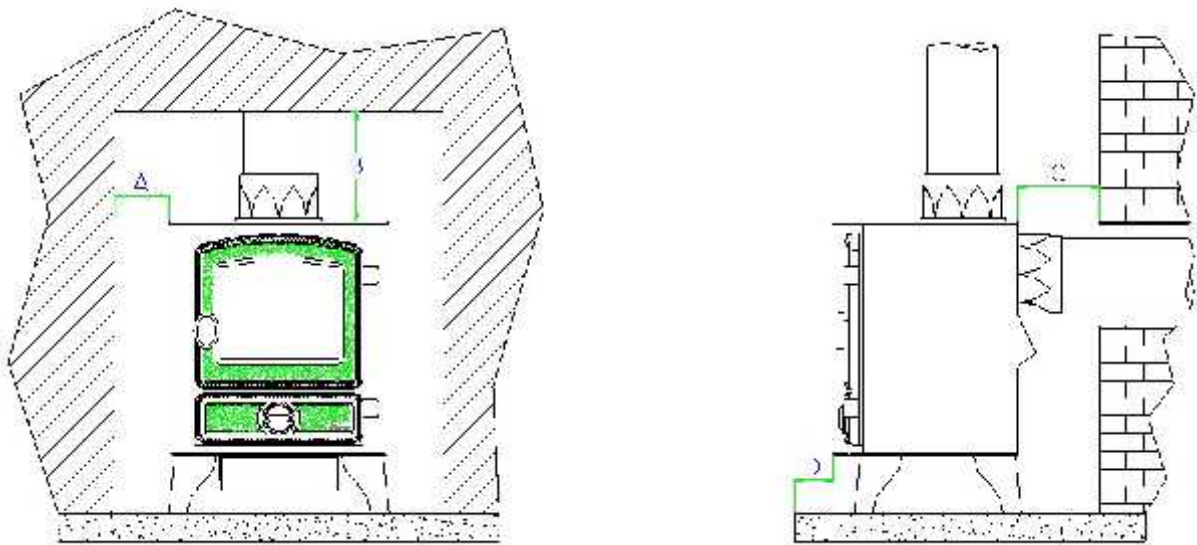


Diagram 2: Opening Clearances

Table 1: Clearance Distances for Installing the Appliance

**IMPORTANT NOTE!** Adequate clearance must be given between the appliance and the walls so that a satisfactory spillage test can be performed as detailed on page 17.

	DIMENSION DESCRIPTION	MINIMUM CLEARANCE DISTANCES TO:	
		COMBUSTIBLE MATERIAL	NON-COMBUSTIBLE MATERIAL
A	Side of stove to wall	150mm	100mm
B	Top of stove to underside of opening or shelf	250mm	200mm
C	Rear of stove to wall	150mm	100mm
D	Minimum distance for hearth to extend in front of stove	50mm	50mm

## FLUE ARRANGEMENT

Prior to installation the flue the chimney should be given a precautionary clean to ensure its entire length is free from blockages. Any flue dampers must be permanently fixed in the open position or removed altogether. The chimney should be smoke tested to ensure soundness.

**The GAS SAFE 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.**

The chimney or flue system that is to be fitted to the Hawk 4 MKII gas stove must comply with the current rules in force.

The Hawk 4 MKII gas stove is also suitable for other specific class II installation arrangements: pre-cast flues, ridge-vent flues, and pre-cast chimney block.

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.

The flue must have a minimum of 2.6 meters of vertical height measured from the top of the stove to the bottom of the terminal outlet.

Please note for rear flue appliances it is recommended that the vertical flue run be established as soon as is practical from the rear flue exit. (Caution should be taken locating the exit of the flue as explained in 'The Building Regulations - Document J'.)

## 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 Health and Safety Executive gas safety and use regulations (Gas Safety [Installation and Use] Regulations 1998 Approved Code of Practice and guidance) no additional air vents are required in the room in which the appliance is situated.



## OPENING THE STOVE DOOR

**NOTE! This appliance must never be used if the glass door panel is broken, removed or if the door is open.**

Before gaining access to the burner tray, first make sure that the stove is switched off and is cold.

Firstly remove the door handle by turning anticlockwise. Keep turning until the handle is completely removed, as shown in photo 1.

The door-fixing bolt can then be removed using a 13mm spanner as shown in photo 2.



Photo 1: Door handle removal



Photo 2: Removing door fixing bolt

## GAS SUPPLY CONNECTIONS



The appliance is supplied with an 8mm Bundy pipe and an 8mm compression elbow to allow easy connection to the mains gas supply. This supply gas pipe should incorporate a gas service isolation tap that is situated within 1 metre of the application.

Photo 3: The 8mm Bundy pipe being fitted to the gas inlet on the valve. The compression joint is tightened

with a 14mm open-ended spanner.

## TESTING SUPPLY PRESSURE

1. Gas pressure at the appliance is measured via the test point on the tube going to the control valve (circled in diagram 3b). Turning the screw approximately half a turn anti-clockwise with a small flat-bladed screwdriver opens the test point.

**ALWAYS CLOSE TEST POINTS AFTER USE!**

2. The gas pressure at the appliance is measured with the appliance running at **full rate**. (For information on how to achieve 'full rate' read 'Adjusting Between High and Low Output Settings' in the 'Lighting the Appliance' section of the User Instructions).

## **Burner Gas Pressure should be:**

**19mbar  $\pm$  1.0mbar for Natural Gas**

3. The supply pressure test point (shown in diagram 3a) is on the left-hand side of the control valve.



Diagram 3a: Supply Pressure Test Point.  
Burner Pressure Test Point.



Diagram

3b:

## INSTALLATION OF THE FIRE-BED INTO THE STOVE

### ***IMPORTANT NOTE***

CERAMIC COALS AND LOGS GET VERY HOT! NEVER ATTEMPT TO HANDLE HOT COALS OR LOGS WITH BARE HANDS AND NEVER PLACE HOT COALS OR LOGS ON OR NEAR COMBUSTIBLE SURFACES.

HUNTER STOVES LTD ACCEPTS NO RESPONSIBILITY FOR ANY INJURY HOWEVER CAUSED WHILST HANDLING HOT COALS, LOGS OR CERAMICS.

### FIRE-BED ARRANGEMENT

This appliance can be fitted with 'log effect' ceramics. The fire-bed is constructed of a base ceramic and 6 loose logs.

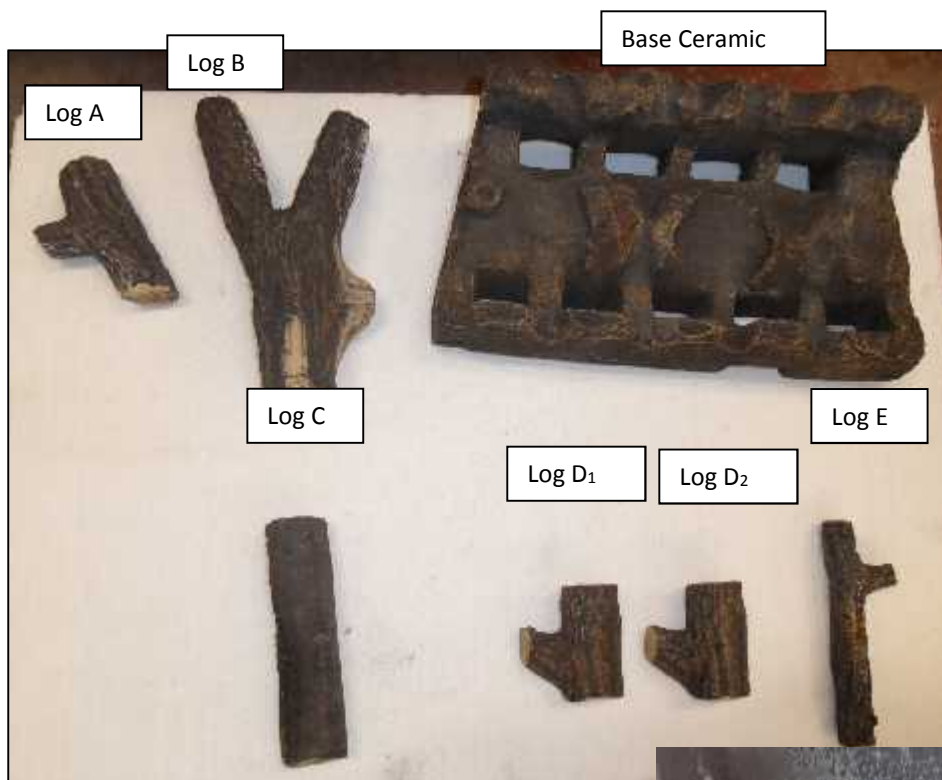


Photo 4: Log Effect Ceramics

1. Place the base ceramic into the fire (photo 5).

Right: Photo 5 - Installing the base ceramic (matrix).





1. The first log to be placed Log A. This is placed around the left-hand front flame port hole in the matrix. The log should sit comfortably in place on the matrix as shown in photo 6.

Photo 6: Installing Log A.

3. The second log to be placed is Log B. The single end is positioned to the right of the second front flame port hole in the matrix, in the slot provided. The right-hand fork at the opposite end of the log is then located in the cut-out on the top edge of the back of the base ceramic. The left-hand fork should then rest on the edge of the matrix and the side of the stove. As shown in photo 7.



Photo 7: Installing Log B.



4. Log C sits in a groove to the right of Log B behind the third flame port hole in the matrix. The top of the log sits in the cut-out that is located on the top edge of the back of the base ceramic, as shown in photo 8.

Photo 8: Log C

Log D<sub>1</sub> should be positioned behind the furthestmost right-hand flame port hole, resting against the back upright of the base ceramic, making sure that it is not directly above the rear flame port hole.

Log D<sub>2</sub> sits on the short arm of Log B, with the top of it sitting in the cut-out on the rear upright at the back of the base ceramic (photo 9).

Photo 9: Logs D<sub>1</sub> & D<sub>2</sub>.





Photo 10: Complete Log Picture.

Log E is located to the left of the furthest right hole in the matrix, the top resting on log C to the left of it (photo 10).

The log picture is now complete. The stove should be lit and the flame picture checked with the door sealed shut. Any adjustments to the flame picture can then be made as required.



## FITTING THE CANOPY – (OPTIONAL)

There is an optional canopy available for the Hunter Hawk MKII.

The canopy can be simply slid into place on the top plate of the stove body (Shown in photo 11), making sure that the two welded tabs (located either side of the canopy) fit under the top plate.

The canopy is then secured in place by tightening the two fixing screws (one located either side of the canopy) with a flat-bladed screwdriver, shown in photo 12.



Photo 11: Fitting a canopy



Photo12: Securing the canopy.

## TEST FOR SPILLAGE

A spillage test **MUST** be carried out before the appliance is left with the customer.

Close all doors and windows in the room containing the fire before the test is carried out. Complete the Ceramic Coal, or Log picture, close the door and replace the handle.

1. Ensure that the fire is burning at full rate for a minimum of 5 minutes.
2. Run a smoke match along the edge of the draught diverter, both sides of the TTB Bracket (as shown in photo 13).
3. Most of the smoke should be drawn into the draught diverter. If not, leave the stove running at full rate for a further 10 minutes and then repeat the test.
4. 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 open.
5. If there are still problems the chimney/flue or ventilation may require attention. The stove should not be used until the fault is rectified.



Photo 13: Spillage Test

## Spillage Monitoring System

The appliance is fitted with spillage system (TTB), which is located near the draught diverter and operates to shut the appliance off if the evacuation of combustion products is interrupted (for example caused by lack of flue pull or flue blockage).

The spillage system **MUST NOT** be adjusted, modified or put out of action by the installer. The spillage system **MUST NOT** be removed or 'bridged out' for any reason. If the spillage system is faulty and requires replacement, only genuine Hunter Stoves parts should be used.

Nuisance shut down may occur if the stove is not installed in accordance with the clearance distances set out in diagram 2 on page 7.

## SERVICING INSTRUCTIONS

Any recommendations made here are in addition to the standard servicing procedures used by the servicing engineer.

A GAS SAFE registered fitter using only original Hunter Stoves parts should carry out servicing.

1. Open the stove door as described on Page 9.
2. Carefully lift-off the 'coals/logs' and remove the ceramic matrix.
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. Replace the ceramic matrix and loose coals/logs as per the fire-bed arrangement instructions (Page 11) using all re-serviceable coals/logs and any new replacements.
5. Check the gas operating pressure and pipe work for soundness, carry out a spillage test and check the condition of the flue system.
6. If for any reason the TTB switch is removed or replaced during a service, we recommend wiping the mating surfaces clean and re-applying a thin smear of 150°C Heat Sink Compound to the face of the TTB switch.



## SPARES LIST

PART DESCRIPTION	PART NUMBER
TTB SWITCH, 150°	494-0851
TTB LEAD ASSEMBLY CN VARIANT	CFB06ARRT004CN
GLASS PANEL (D TYPE DOOR)	HCR06058
GLASS PANEL (STANDARD DOOR)	HCR06039
GLASS CLIP & SCREW	HHR08046
DOOR ROPE KIT (D TYPE DOOR)	SCPHKDRSK
DOOR ROPE KIT (STANDARD DOOR)	SCPHKRSK
GAS BURNER FULL ASSEMBLY, 4kW NATURAL GAS, MANUAL CONTROL	GYB04NYM
OXIPILOT, 6kW & 4kW GAS BURNER	CFB06102
GAS VALVE, MANUAL	CFB06100
KNOB, MANUAL GAS VALVE, 6kW & 4kW GAS STOVE RANGE	CFB06101
INTERUPTOR BLOCK, CN SUPPLY, 6kW & 4kW GAS STOVE RANGE	CFB06104
LOG KIT CERAMICS, 4kW GAS STOVE	GC04LK



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