hunterstoves
GROUP

ASPECT 7 MK II

Instructions for Installation/Operating/Maintenance/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.

JIN06KWEG REV C 12/12/24

Welcome to the Hunter Stoves family
and thank you for purchasing a Hunter 6kW Gas stove.
This stove was designed and built to be a high-performance heating appliance, and we hope it will bring you great enjoyment.
The natural environment is important to us, so our stoves are manufactured to provide you with a clean and efficient burn that will keep you warm through the cold winter nights.

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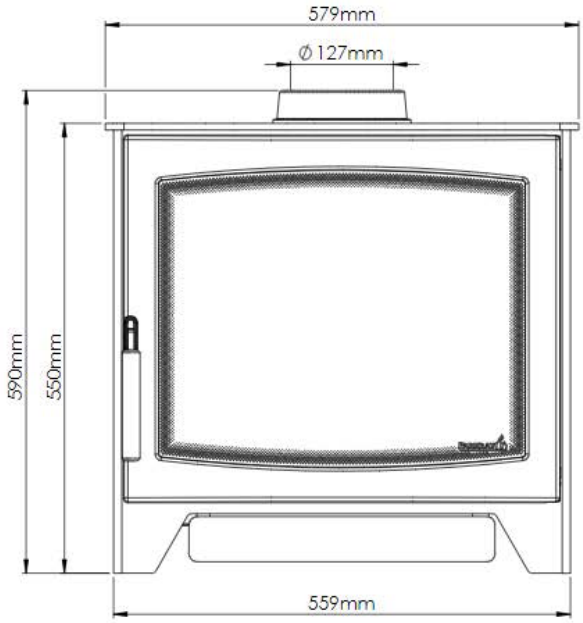
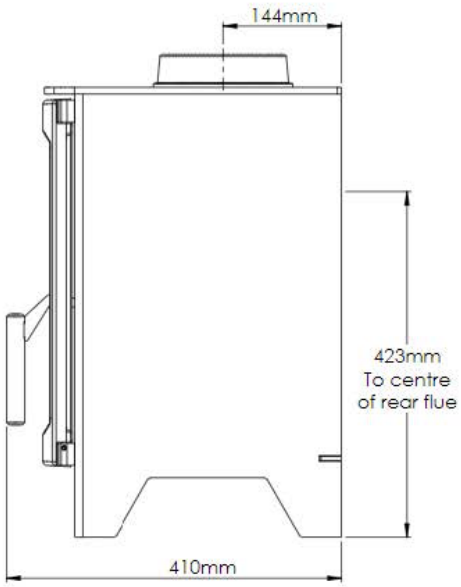
STOVE MODEL

ASPECT 7 MKII

STOVE DIMENSIONS





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.
Any unauthorised changes to the stove will negate the warranty.

TECHNICAL DATA

hunterglas COLLECTION UK CA 0558 CE 0063	NATURAL GAS MANUAL OR REMOTE
Energy Efficiency Class	E
Nominal Gas Pressure	20mb
Main Burner Injector (mm)	7 x 0.84mm
Burner Aeration (mm)	Ø10
Supply Gas Type/Category	G20/I_{2H}
Energy Efficiency	75
Injector Type/Marking	500
Heat Input (Gross) FULL LOW	 5.5kW 4.2kW
Gas Flow Rate (m^3/h) FULL	 0.524
NO_X Class	5
Efficiency Class	2
Coutries of Destination	AT, BG, CH, CZ, DK, EE, ES, FI, GB, GR, HR, IE, IT, LT, LV, NO, PT, RO, SE, SI, SK TR.

INSTALLING THE APPLIANCE

Pre-installation notes

1. Check the stove data plate to establish the gas type required. 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.

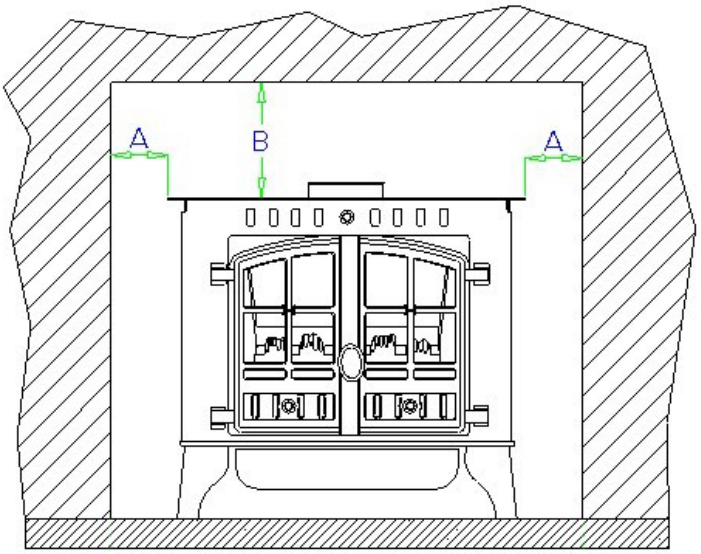
7. The hearth should be edged or raised to prevent combustible floor finishes (e.g. Carpet) from being laid too close to the appliance.

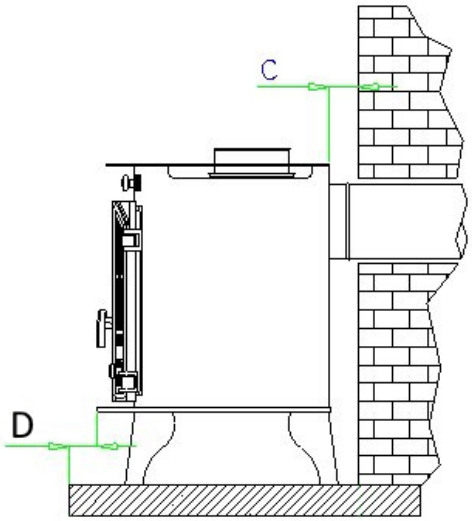
8. Opening Clearances: for the relevant clearance distances for installing the appliance in an opening see the diagram and table on page 6.

9. The stove cannot be installed in a basement or bathroom

10. Flue and ventilation dimensions shall be given for the purposes of installation in those countries where there are no appropriate regulations.

MINIMUM CLEARANCE DISTANCES TO:			
	DIMENSION DESCRIPTION	COMBUSTIBLEMATERIAL	NON-COMBUSTIBLEMATERIAL
A	Edge of Stove Top to wall	100mm	50mm
B	Top of Stove to underside of opening or shelf	300mm	200mm
C	Rear of stove to wall	N/A	50mm
D	Minimum distance for hearth to extend in front of stove	50mm	50mm





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 15.

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.

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.

FLUE ARRANGEMENT

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

The 6kW gas stoves are also suitable for other specific class II installation arrangements: pre-cast flues, ridge-vent flues, and pre-cast chimney block and with the relevant adaption, the appliance will operate in a closure plate system.

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'.)

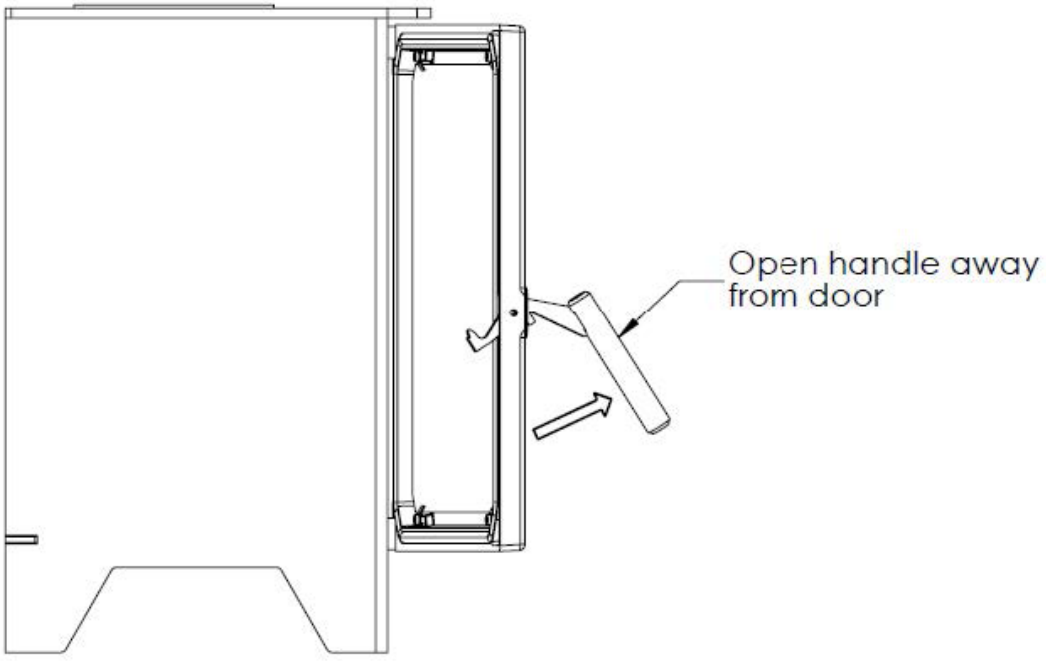
VENTALATION

Ensure that local and national ventalation requirements are taken into account during the installation of this appliance.

Small and medium gas appliances, that have a rated output below 7kW, do not normally require additional ventalation.

If, during the appliance commissioning, spillage is detected, this may be an indication of insufficient ventilation and additional ventilation may be required.

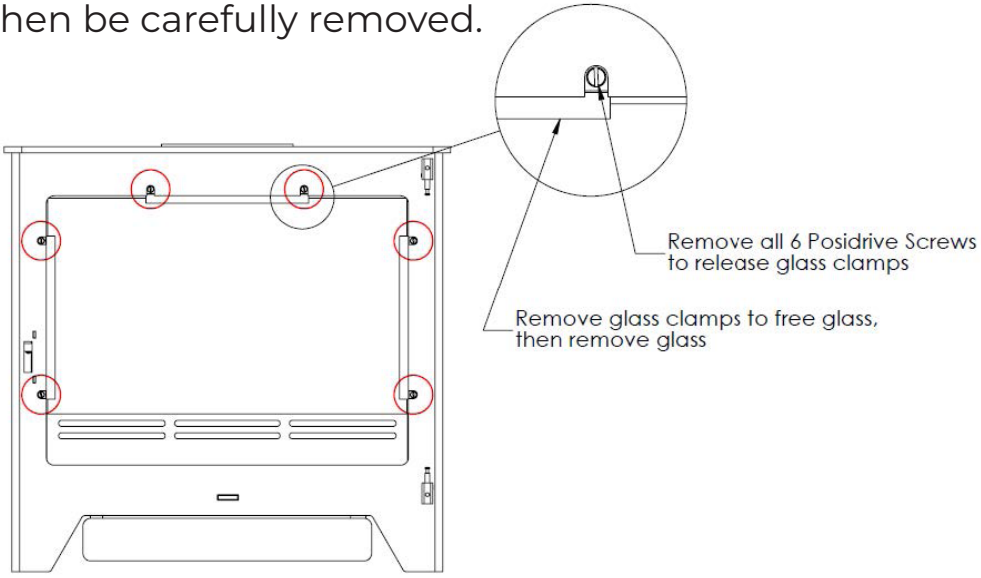
OPENING THE CAST IRON DOOR



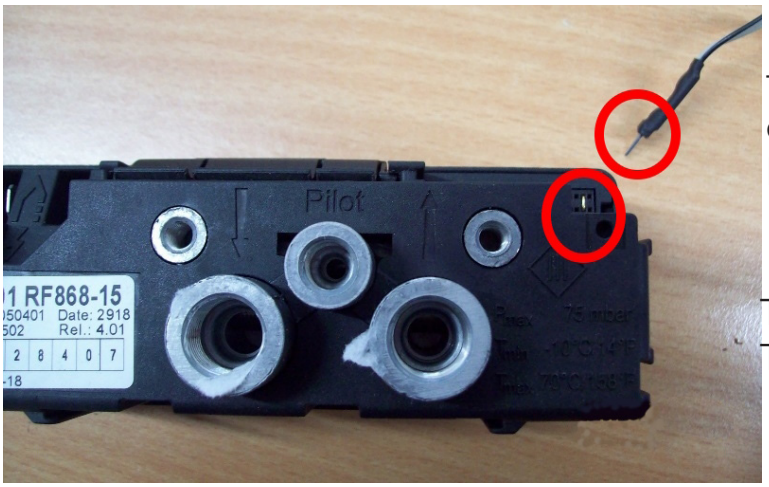
REMOVING THE GLASS

NOTE!
This appliance must never be used if the glass panel is broken or removed.
Before gaining access to the Burner, first make sure the stove is switched off and cold.

The glass is held in place by 3 double glass clips, 1 at the top and 1 on each side.
Holding the glass with one hand, remove the fixing screws with a Philips-head screwdriver and remove the double glass clips.
The glass panel can then be carefully removed.

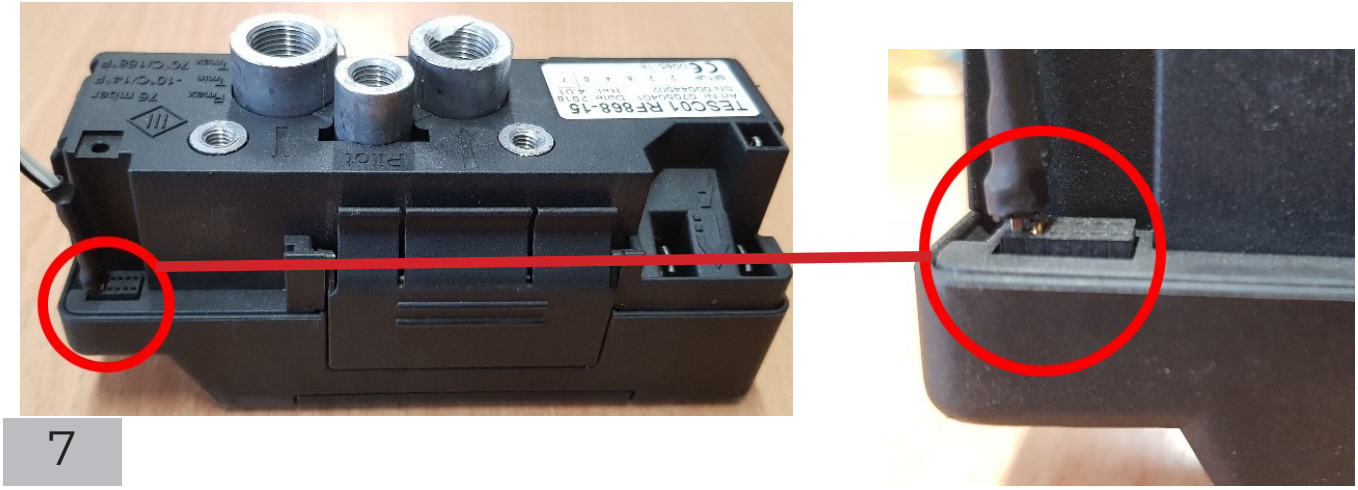


TTB INSTALLATION



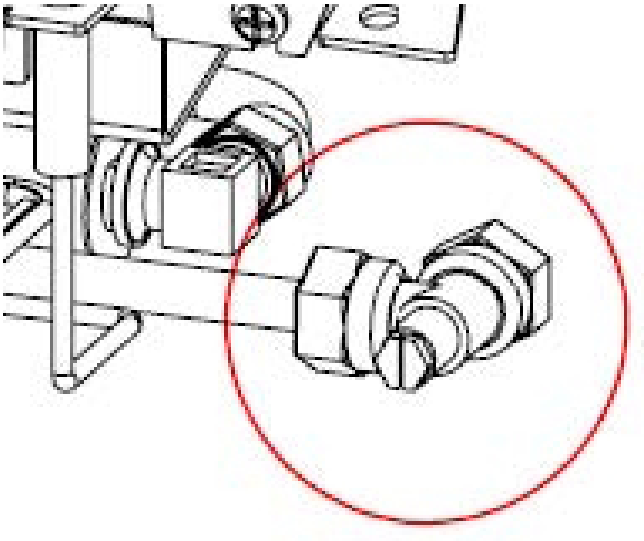
Insert the two TTB Pins into the two connection holes on the outside next to the copper bar, highlighted by the circles.

The circles and line highlight the TTB engaged into the valve.



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 and is connected to the burner by a 14mm spanner.
This supply gas pipe should incorporate a gas service isolation tap situated within 1 metre of the appliance.



The 8mm Bundy pipe being fitted to the gas inlet on the valve.
The compression joint is tightened with a 15mm open-ended spanner.

TESTING SUPPLY PRESSURE

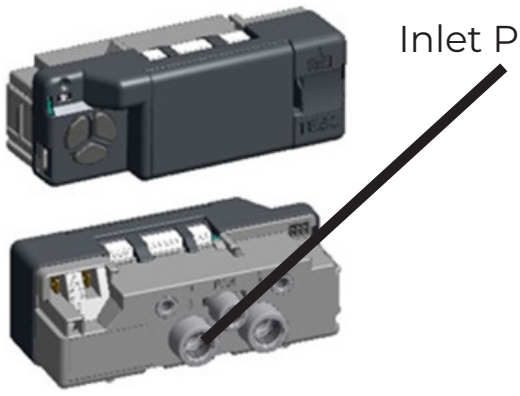
Gas pressure at the appliance is measured via the T-piece going to the control valve (circled in above).
Turning the screw approximately half a turn anti-clockwise with a small flat-bladed screwdriver opens the test point.

ALWAYS CLOSE TEST POINTS AFTER USE!

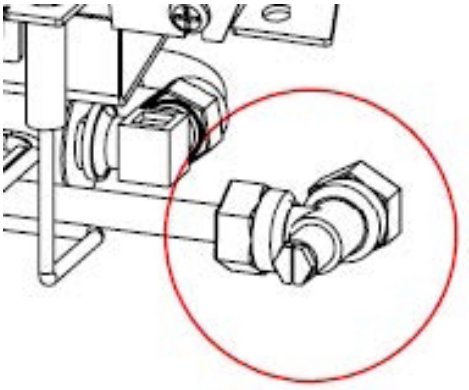
The gas pressure at the appliance is measured with the appliance running at full rate.
(For information on how to achieve 'full rate' read 'Adjusting Between High and Low Output Settings' in the 'Lighting the Appliance' section of the User Instructions).

Inlet Gas Pressure should be:
20mbar ± 1.0mbar for Natural Gas
37mbar for LPG

The supply pressure test point, shown below, is measured at the burner inlet point.



Inlet Pipe Location.



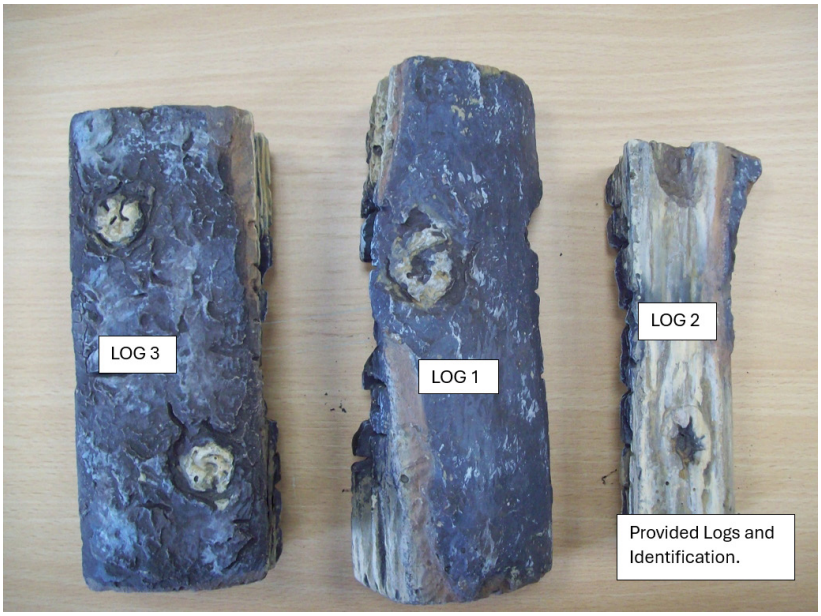
INSTALLATION OF THE FIRE-BED INTO THE STOVE

IMPORTANT NOTE

CERAMIC LOGS, STONES AND EMBERS GET VERY HOT!
NEVER ATTEMPT TO HANDLE HOT LOGS, STONES OR EMBERS WITH BARE HANDS AND NEVER PLACE HOT LOGS, STONES OR EMBERS ON OR NEAR COMBUSTIBLE SURFACES.
HUNTER STOVES LTD ACCEPTS NO RESPONSIBILITY FOR ANY INJURY HOWEVER CAUSED WHILST HANDLING HOT CERAMICS MAERIALS.

FIRE-BED ARRANGEMENT AND INSTALLATION

This appliance can be fitted with log effect ceramics.
The following photos show the supplied fire-bed components and how to fit them.

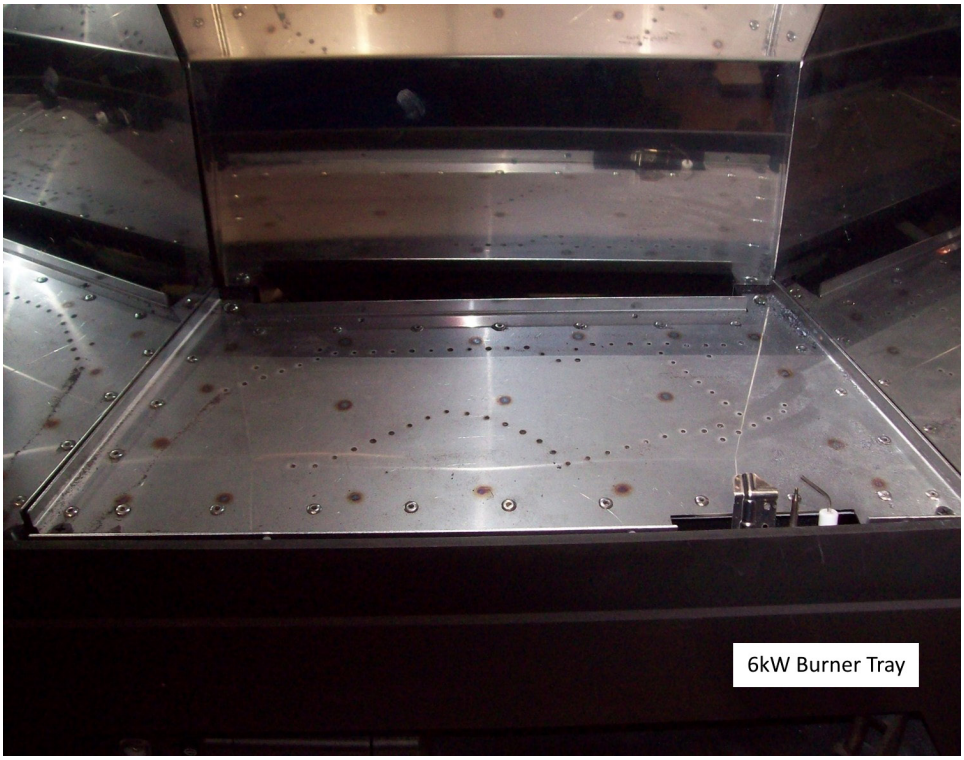


Provided Logs and Identification.

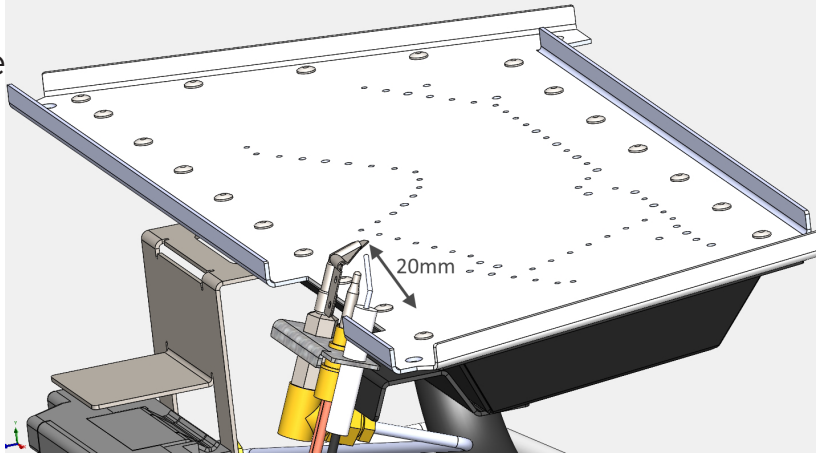
Provided Stones to be placed as Instruction.

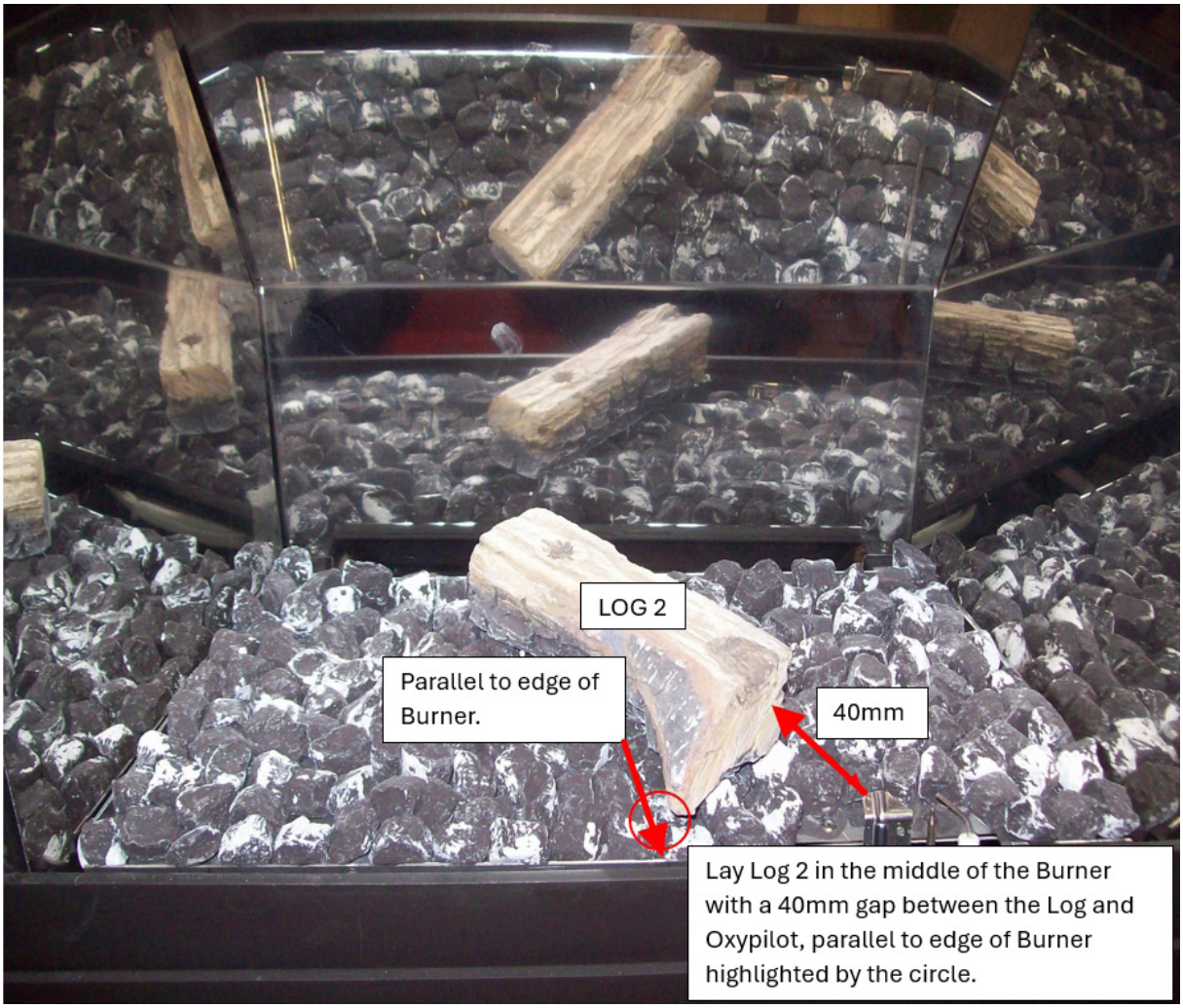
Provided Neon Embers to be placed as Instruction.

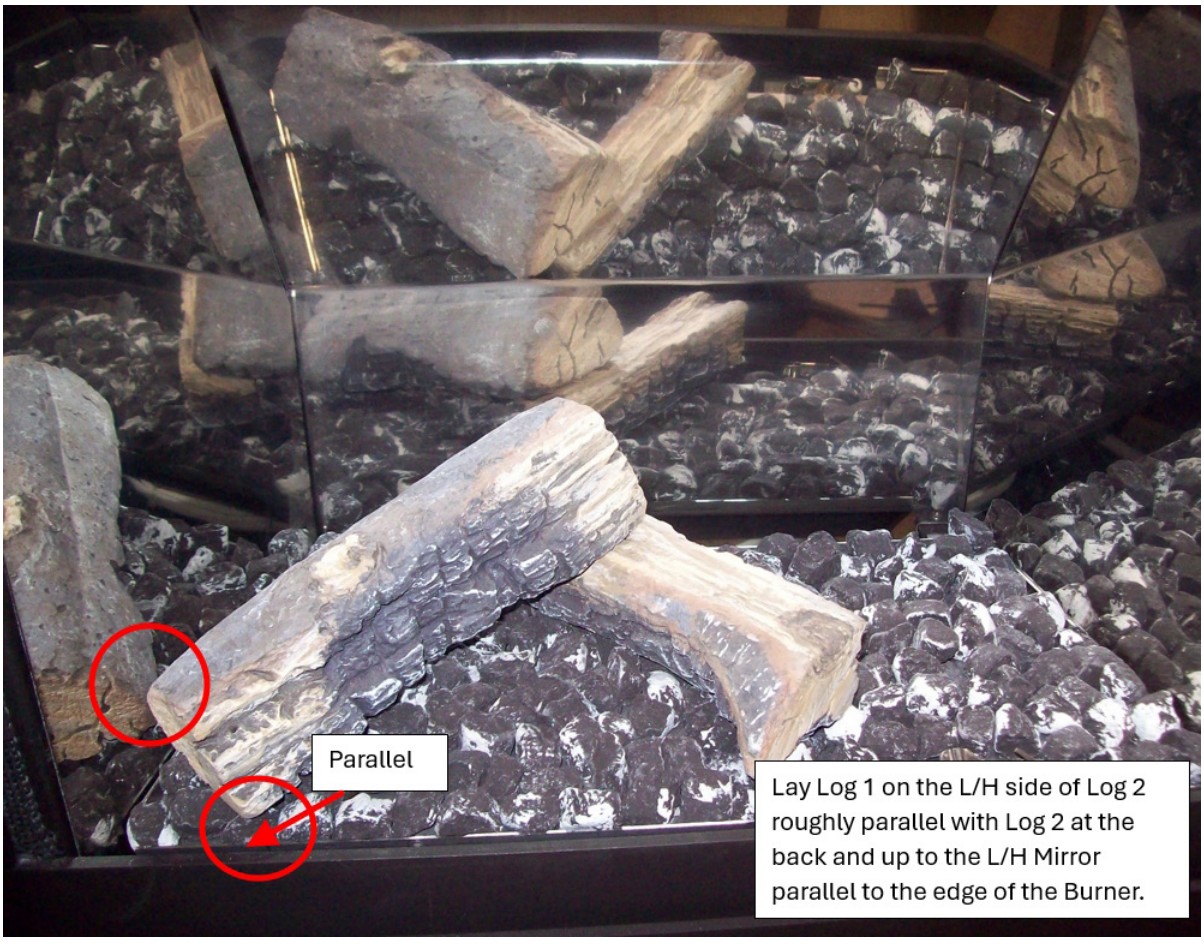
Ensure the top of the Burner Tray is clean and free from debris.



Prior to asembling the Stones and Logs, please check that the Pilot assembly is set correctly




LOG 2
Parallel to edge of Burner.
40mm
Lay Log 2 in the middle of the Burner with a 40mm gap between the Log and Oxypilot, parallel to edge of Burner highlighted by the circle.


Parallel
Lay Log 1 on the L/H side of Log 2 roughly parallel with Log 2 at the back and up to the L/H Mirror parallel to the edge of the Burner.

Lay Log 3 on the edge of Log 2 with the back of Log 3 against the side and back Mirror as highlighted.

Lay Neon Embers in front and behind as highlighted by the red ovals.

REASSEMBLING THE STOVE

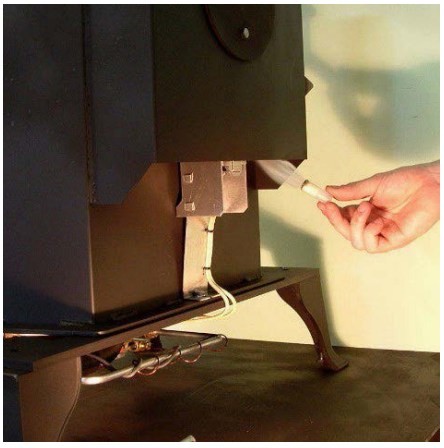
When the desired flame picture has been achieved and the Spark Gap checked`, the Glass can be refitted and the Door can be shut and secured.

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 Log picture, close the door and replace the handle and fixing bolt.
Ensure that the fire is burning at full rate for a minimum of 10 minutes.

1. Run a smoke match along the edge of the draught diverter, both sides of the TTB Bracket (See photo below).

2. 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.



3. 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.

4. If there are still problems the chimney/flue or ventilation may re quire attention.
   The stove should not be used until the fault is rectified.

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 on page 6.

SERVICING INSTRUCTIONS

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

Before Testing:

- Do a gas soundness test for the property the appliance is in ensuring there are no leaks before servicing.
- Check the operation of the appliance before testing.
- Check the spark gap on the pilot is correct. (See Diagram on page ??)
- After testing advise the customer of any work that needs to be carried out.

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

1. Open the stove door as described on Page 6

2. Carefully lift-off the Embers, Logs and Stones.

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 Stones, Logs and Embers as per the fire-bed arrangement instructions (Pages 10-12) using all re-serviceable 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.

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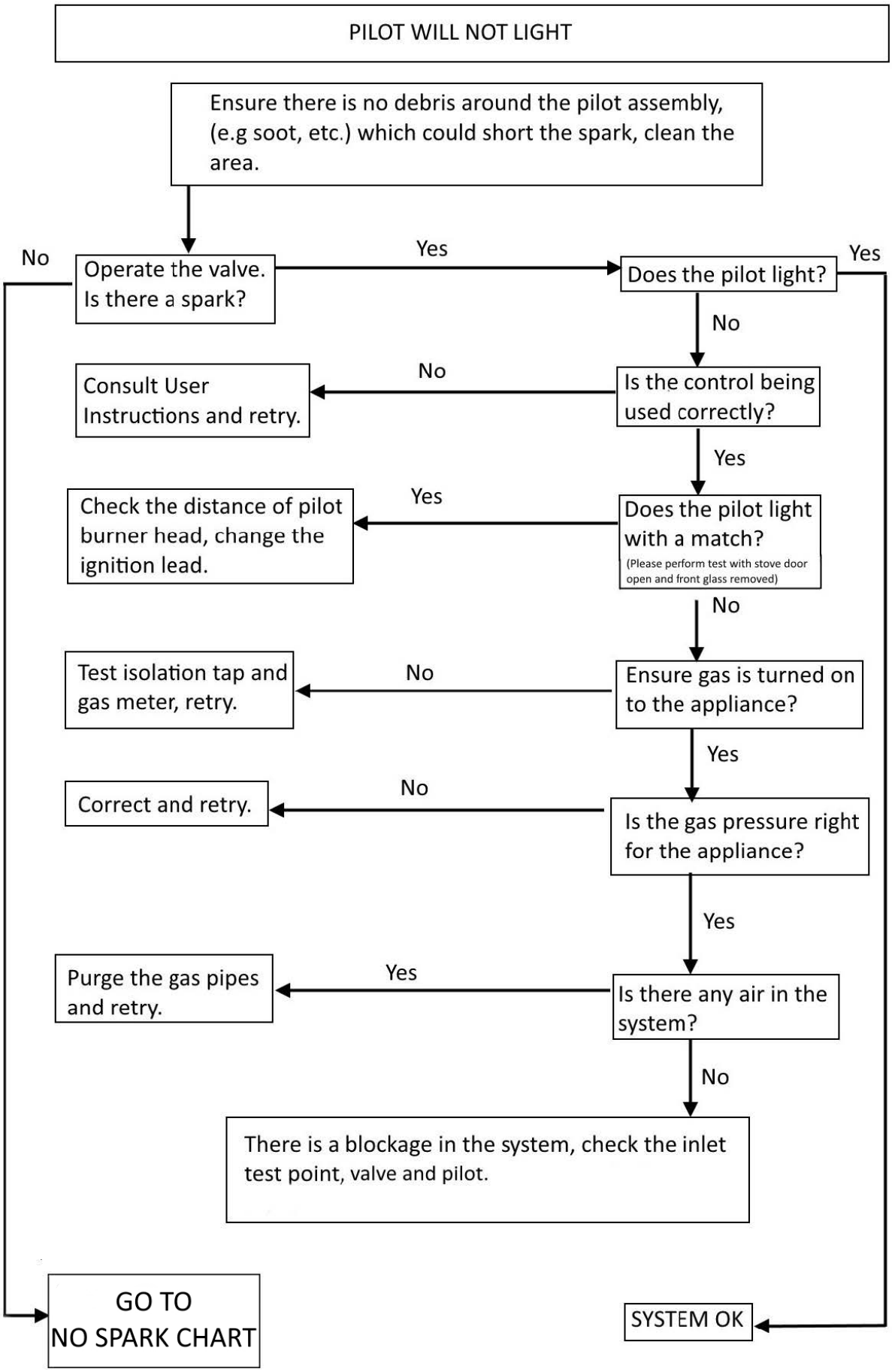
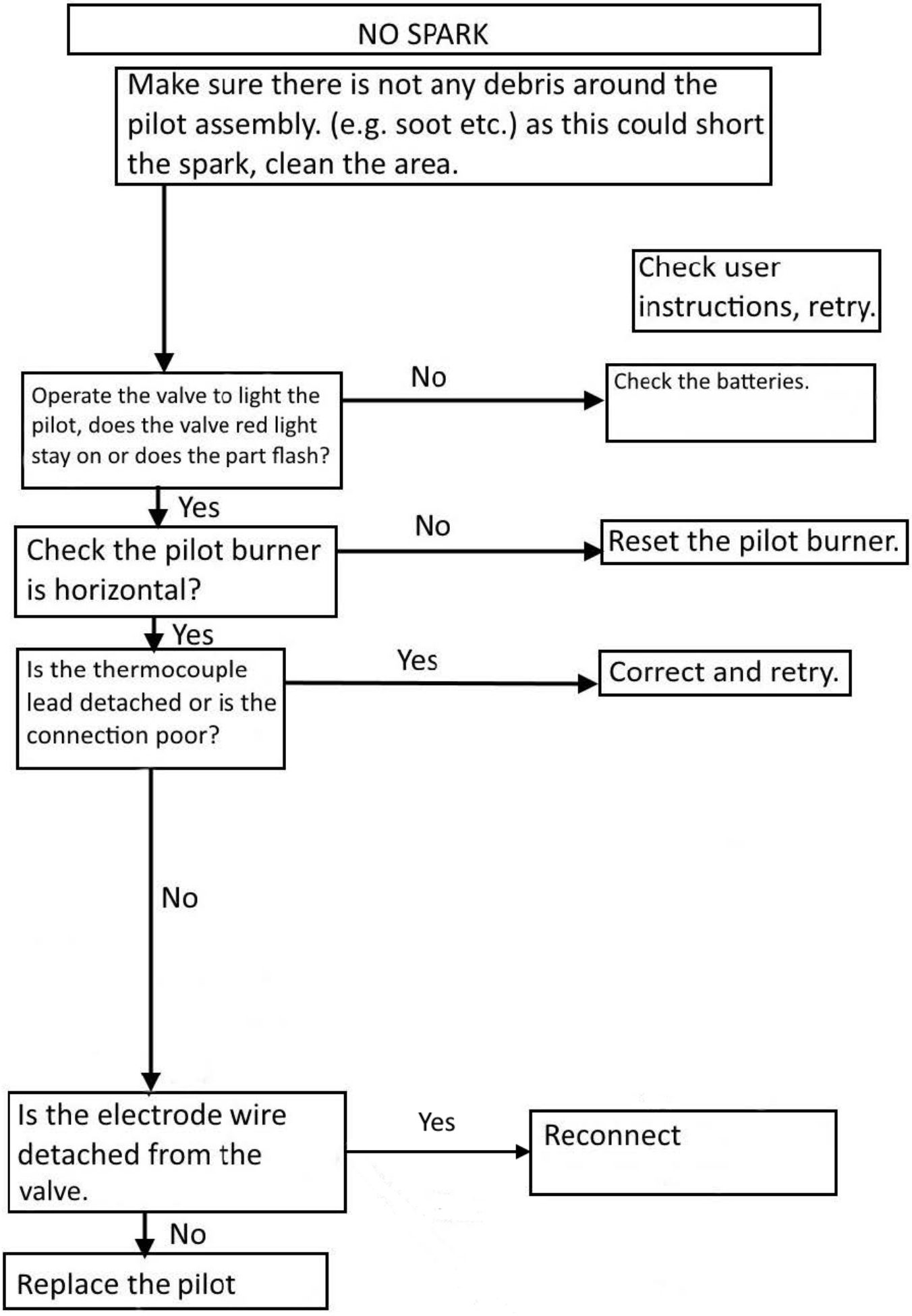
Door, glass & rope replacement should only be carried out by a Registered Gas Safe Engineer.

For spare parts please go to our website:
www.hunterstoves.co.uk/product-categary//spares

TROUBLESHOOTING




NO SPARK
Make sure there is not any debris around the pilot assembly. (e.g. soot etc.) as this could short the spark, clean the area.
Check user instructions, retry.
Operate the valve to light the pilot, does the valve red light stay on or does the part flash?
No
Check the batteries.
Yes
Check the pilot burner is horizontal?
No
Reset the pilot burner.
Yes
Is the thermocouple lead detached or is the connection poor?
Yes
Correct and retry.
No
Is the electrode wire detached from the valve.
Yes
Reconnect
No
Replace the pilot

USER INSTRUCTIONS

This manual is designed to ensure your stove is installed correctly and to familiarise you with its operation.

The handset will need to be paired with the valve details can be found on pages 23-31.

Should you have further questions, please do not hesitate to contact your Hunter Stoves Retailer.

IMPORTANT POINTS FOR THE USER

- Read all instructions carefully before attempting to operate this appliance.
- If you have any doubts about the suitability of your chimney for the appliance, please consult your local Hunter Stoves Gas stockist/dealer. The chimney must be given a precautionary sweep before connection to the appliance.
- It is required by law that any appliance using gas is installed by a GAS SAFE registered fitter in conjunction with these instructions and in accordance with current regulations.
- Fires can be dangerous, always use a fireguard in the presence of children, the elderly or the infirm.
- All outer surfaces of the appliance are working surfaces except for the gas control knobs and control cover plate.
- It should be noted that heat given off from this appliance might affect articles placed close to it. Curtains should not be positioned above the appliance or within 300mm of the sides. Caution should also be taken if the appliance is to be sighted near to 'embossed' type wallpapers.
- Although the appliance is referred to as a stove it is not designed as a 'cooker' or a 'dryer'. It is only CE approved for use as a room heater with a decorative fuel effect.
- WARNING – Do not use the appliance if the glass door panel is broken, removed or if the door is open.
- 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.

NOTE: During the first few uses the appliance may emit an unpleasant odour. This is the paint curing. It is non-toxic, but for your comfort you may wish to ventilate the room by opening the doors and windows.

GAS LEAK

If you think you have a gas leak, or you can smell gas call the 24-hour Gas Emergency Services immediately on 0800 111 999.

Also do the following:
- Turn of the gas supply at the Meter or emergency control valve.
- Do not turn on/off any electrical switches.
- Ventilate the property; open all windows and doors.
- Do not smoke. Extinguish all sources of ignition.

THE FIREBED

- The stove is supplied with Stones, Logs and Embers, which are to be arranged by the fitter in strict accordance with the installation instructions. The purchaser must not alter the layout of the Logs or add any extra Logs.

- The Logs used in this stove to produce a realistic Log effect are made from ceramic fibre-based material. The Logs may change colour after use, which is quite normal.

- Replacement Stones, Logs or Embers must be sourced from your approved Hunter Stoves Gas stockist.

- NOTE: It will take approximately 15-20 minutes for the firebed to take on its proper appearance of glowing coals and yellow flames.

OPERATING THE APPLIANCE

Please see instructions on page 28 for pairing the handset to the valve.
It is strongly recommended that these instructions are read and thoroughly understood in advance of operating this appliance.

Gas Control Cover Plate

To gain access to the gas control valve, the cover plate must first be opened. The cover plate opens from the left and swings out, away from the stove to expose the gas controls.

Burner Controls

The gas control valve is situated at the front on the left-hand side of the appliance, behind the gas control cover plate.

Pilot Assembly

The pilot assembly is positioned at the front of the burner tray on the right-hand side.

Opening the Stove Doors

This appliance has been designed to run safely with the doors open. However, the doors will get hot when the stove is lit.
NEVER ATTEMPT TO OPEN OR CLOSE THE DOORS WITH BARE HANDS.
We would recommend the use of a quality heat resistant glove or gauntlet.

IMPORTANT NOTE

The stoves is fitted with a spillage system (TTB), which is in close proximity to 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).

If this occurs, DO NOT attempt to restart the appliance right away.
Wait at least 3 minutes before restarting.
(as detailed in the “Operting the Appliance” section, page 21).

If the spillage system repeatedly operates to shut the appliance down, a GAS SAFE registered engineer should be contacted to examine the appliance and installation.

CARE, MAINTENANCE AND SERVICING

Check your chimney and flue arrangement and have the chimney system swept at least once a year.

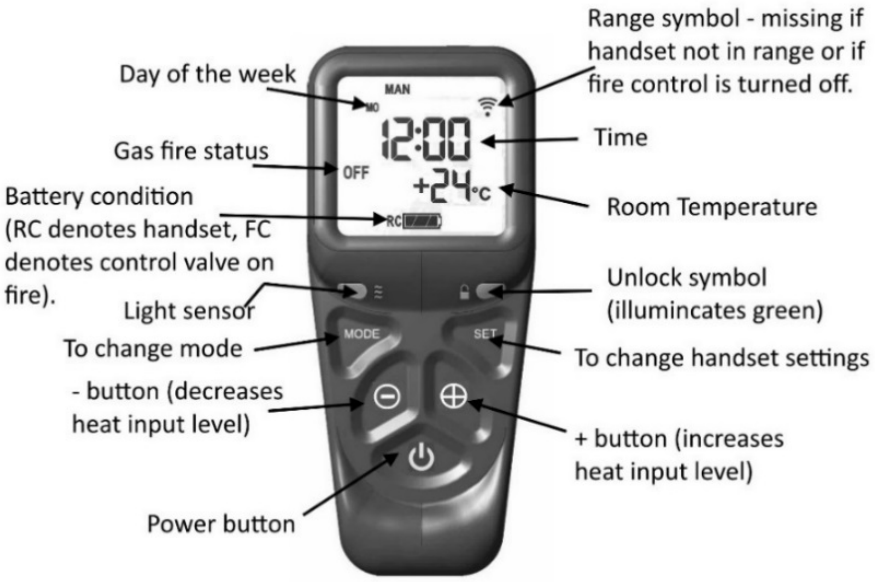
Painted Appliances
The stove is finished with a heat resistant paint and this can be cleaned with a dry microfiber cloth.
Do not clean whilst the stove is hot.
At no point should any water based, or other cleaning products be used on the stove.
The finish can be renovated with Hunter Stoves paint, available either through our website www.hunterstoves.co.uk/product-category/spares or through your local supplier.

Glass Panel
Clean the glass panel when cool with a propriety glass cleaner by applying the cleaner to a cloth.
Do not apply directly to the glass as this could cause run of which could soak into the rope seals around the edge of the glass.
Highly abrasive substances should be avoided as these can scratch the glass and make subsequent cleaning more difficult.
Door/glass/rope replacement should only be carried out by a Registered Gas Safe Engineer.

Servicing
A GAS SAFE registered fitter must carry out an annual service and where necessary replace unserviceable components with only genuine Hunter Stoves Gas parts.
Service Records can be kept on page 35 for your convenience.

INSTRUCTIONS FOR REMOTE CONTROL USE

SETTING UP THE FULL FUNCTION HANDSET (LCD DISPLAY)



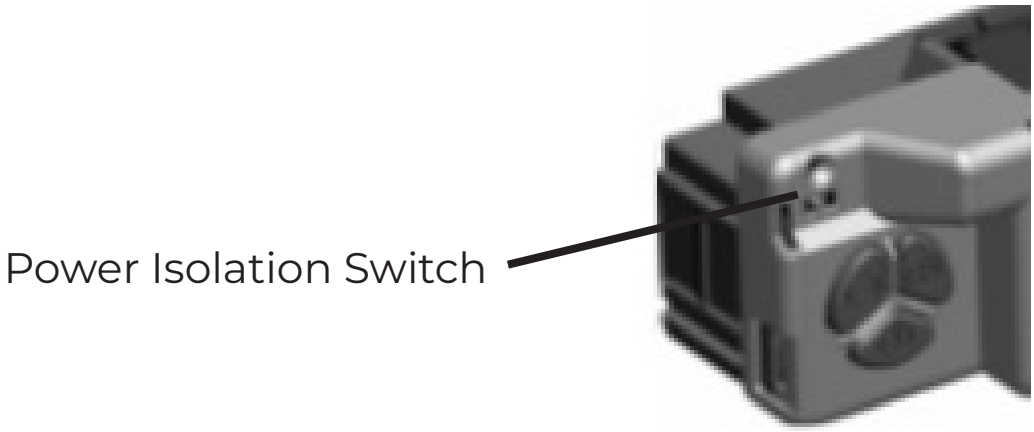
USING THE DISPLAY HANDSET.

IMPORTANT USER INFORMATION
READ THIS BEFORE ATTEMPTING TO OPERATE THE FIRE

For safety reasons, the handset is designed so as to avoid accidental operation. If, during proper use, the handset fails to communicate with the valve there is a possibility that the pairing has been inadvertently altered – in this case the handset will need to be reset and re-paired with the valve.

For normal use: -

1) Prior to using the handset for the first time insert new, alkaline, AA batteries into the valve and handset. Ensure they are mounted firmly and in the correct orientation, and that the battery covers are replaced fully. Ensure the small isolation switch on the gas control is switched to the ON (I) position.



Hold the handset as shown, wrapping your hand around the handset to make good contact with both sides.
The green unlock light should illuminate, activating the buttons (if the light is not illuminated, the buttons will not work).

Press and hold the power button, release as soon as PILOT appears on the display (approx. 1-2 seconds). The fire will commence ignition sequence. If successful, the fire will automatically go to maximum heat output.

NOTE: Releasing the power button too soon or depressing for too long after the PILOT appear, will cause the fire not to light because system assumes press to be unintentional.

To adjust the flame, hold handset to activate buttons, and use + and – to increase or decrease flame power accordingly.
Tapping the button will increase or decrease flame stepwise, holding the button will skip through steps.
The fire basket display on the handset will illustrate the level of flame being produced.

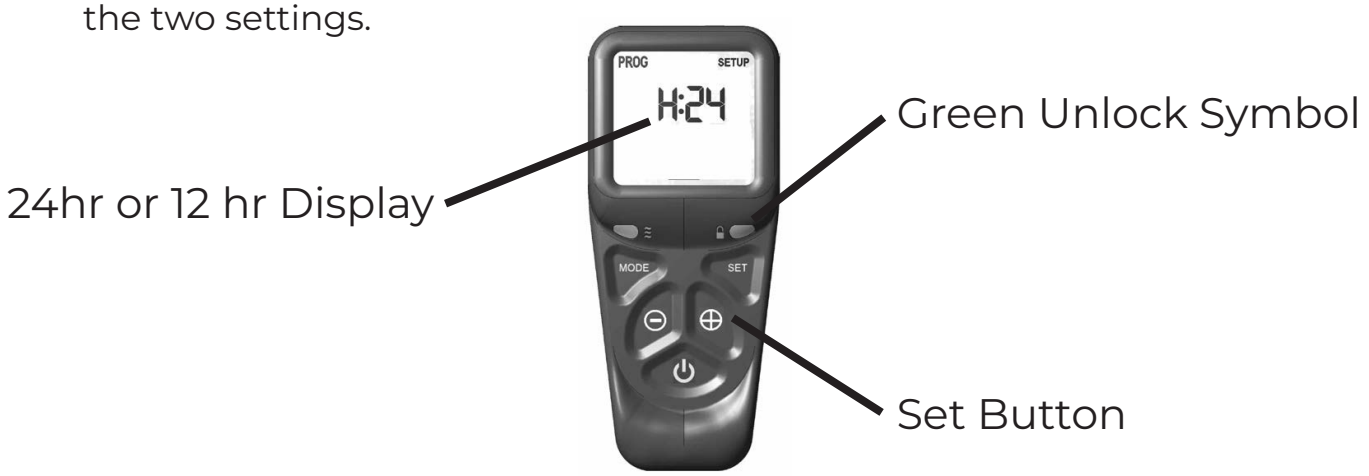
To STOP the fire, hold handset to activate buttons, then press the power button. The fire should shut off immediately (n.b. residual heat will remain).
If you wish to start the fire again you must wait for OFF to be displayed on the handset before trying to re-start.

NOTE: THE HANDSET IS DESIGNED TO MAKE REMOTE OPERATION OF THE FIRE AS SAFE AS POSSIBLE. IT HAS BEEN SPECIFICALLY DESIGNED TO MINIMIZE THE RISKS OF ACCIDENTAL OPERATION, WITH THE EXPRESS INTENTION THAT SUCCESSFUL OPERATION CAN ONLY BE ACHIEVED BY A CONSCIOUS, DELIBERATE ACT. ERGO IT MAY TAKE SOME TIME TO BECOME FAMILIAR WITH THE INTRICACIES OF HANDSET OPERATION.

TIME, DATE AND TEMPERATURE

1) Hold the handset in one hand ensuring your hand is wrapped around the back and that your hand comes into contact with both sides of the handset. The green “unlock” light should light, and the screen will be as shown below.

2) The “H” symbol as shown below indicates that the timer can be set to either 24hr or 12hr mode.Press the + or – buttons on the handset to move between the two settings.



3) When you have chosen your display, option confirm by pressing the SET button on the handset.

4) Press and release the + and – buttons on the handset until the correct day of the week is shown then press SET.

5) As shown above the time on the handset can be set by using the + and – buttons to change the hour and then press SET. Repeat to set the minute (+ and -) then SET to store.

6) The handset will then display the temperature screen as shown below.

7) The control is now ready for use with the burner.

NOTE: If the handset is misplaced, you can "page it" by pressing the + button only on the control valve on the fire for a period of 5 seconds.
The handset will flash and make an audible sound to help find it. Once you have found the handset wrap your hand around the back so that your hand is in contact with both sides to stop the sound. The flashing and sound last for 60 seconds. If not found repeat actions.

ADVANCED SETTINGS FOR FULL FUNCTION HANDSET

1) Snooze mode is a time which can be set turn the fire automatically off after a certain period haselapsed.

2) Hold the handset in one hand ensuring it is in contact with both sides. The green light of the unlock symbol should be lit. The snooze time can be set either before or during manual operation of the fire.

3) Press the mode button to scroll through the functions until the symbols MAN and ZZZ are flashing atthe top of the display as shown below. Press and release the SET button and this will put the control into the manual snooze mode. The default time in snooze mode is 1 hour.

4) Pressing the set button again will show you the snooze time period remaining. The time can be adjusted by pressing the + or – buttons on the handset. The time period can be set from 1 minute to 4 hours (as shown below).
Once done press the SET button.

THERMOSTATIC MODE

PLEASE NOTE: Thermostatic mode of this fire will only allow regulation of the room temperature by the fire when it has been already lit via manual operation of the handset. It will not allow the fire to light automatically due to low ambient room temperature and should therefore not be relied upon for frost protection purposes.

1) Unlock the handset as previously described and press and release the MODE button until the display has the thermometer symbol flashing at the top of the display. Press the SET button to enter this mode.

2) Press the SET button again to see the temperature setting that is set (the default is 24 degrees Celsius). If a different set temperature is required, whilst the display is showing this set temperature, press the + and – buttons to alter this setting, press the set button to store the required temperature, or alternatively leave the handset for a few seconds and the temperature will be stored automatically.

3) If at any time the power button is operated during thermostat mode, the control will cancel any thermostat operation and return the control to manual mode.

IMPORTANT NOTE: Thermostat mode will not light the fire automatically and will only regulate between the maximum and minimum burner setting. The fire must be lit manually via the handset and then you enter thermostat mode as described in this section and set the temperature. When no longer requiring the thermostat, mode turn off the burner and the handset will return to manual mode.

RESTORING COMMUNICATION WITH THE FIRE

FULL FUNCTION (LCD) HANDSET

If the handset for whatever reason has lost communication with the Fire Control Valve, when the handset is held, the green light will be permanently lit but will pulse brighter.

In addition, the communication symbol 

And other symbols will be missing from the display and it will appear as shown.

To reconnect do the following –

Reset the handset to clear the old pairing and enable it to accept a new pairing: -

1. Hold the handset as described previously to unlock the keypad and keep hold of the handset while doing all the following.

2. Press and hold the SET button and keep held for around 3 seconds until you hear a second beep. Release the SET button and PROG appears at the top left of the handset. SETUP should also be flashing at the top right corner of the display.

3. When SETUP is flashing, press and release the SET button to enter the menu. (H24 (or 12), will be flashing. Press and release the SET button about 9 more times until the display shows CA with a flashing 0. Press and release the + or – button once to change the CA0 to CA1. Then press and release the SET button once again. The display will now show 7ESC r4 (or any number next to the r).

4. The handset is now at factory reset condition and a new pairing can be per formed, see next section.

A video is available on YouTube showing you how to do this please see link below

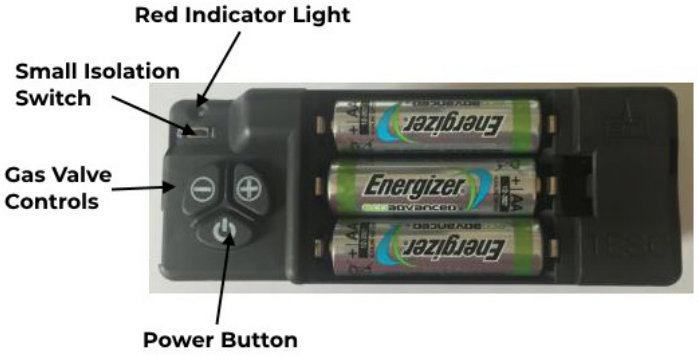
https://www.youtube.com/watch?v=-bbeSuk0IWI

PAIRING THE HANDSET (LCD)

If the handset is in it's factory reset condition as above, the display will read 7ESC and r and a number will show as below

Picking up and holding the handset will unlock the keypad and the green light will illuminate a solid green (and the LCD backlight may come on if the room is dark enough).

NOTE: Ensure the small isolation slide switch on the top left of the gas fire control is slid to the right, (I) position to turn the power on to the valve.



1. Place the handset near the fire, i.e. within a metre (3 feet). No need to hold the handset at this time.

2. Simultaneously press and hold the – and + buttons on the gas valve control (not the handset) until the red light on top left of fire control begins to flash rapidly, (it will take about 5 seconds tostart flashing), then immediately release the – and + buttons and quickly pressing just the POWER button on the gas fire control valve.

Note: Pressing of the power button must be done within 1 second of the red light coming on. If not done quickly enough, then the above must be repeated until done correctly.

3. When done correctly you will hear an audible sound from the handset and the display will show the symbol 1." and the green light on the handset will be flashing. You now have 60 seconds to accept the pairing.

To do this pick up and hold the handset and hold it as previously described to activate the unlocking of the keypad and press and hold the "SET" button for a few seconds.

4. You will hear a few beeps from the handset and the display will change and enter the set-up menu and set display function.

IMPORTANT NOTE: Even in case you do not complete all of the setup, the pairing is still stored once accepted by pressing set the first time. The handset will re-enter setup mode at next unlock (pick up) or by entering set up mode manually. Do not send pairing request again from the valve! If this is done, then another factory reset of the handset will be required and reset and new pairing done again.

CARE AND MAINTENANCE

BATTERIES

- Ensure the batteries are replaced every 12 months. This will help to prevent damage to the valve and handset from leaking batteries.
- Do not mix battery brands and only use high quality, alkaline batteries (we recommend Energizer).
- Keep the battery contacts clean and do not bend them.
- Remove batteries if the fire is not used for lengthy periods (to prevent old batteries from leaking and damaging the valve).
- Do not operate the fire without the battery covers in place.
- If handset is dropped and damaged, obtain a replacement from Hunter Stoves.
- If batteries are not replaced the fire may work intermittently or not at all.
- Weak batteries my cause the handset (or valve) to display error codes, which may or may not be correct.
- If the batteries leak, they could cause permanent, irreversible damage to the electronics which would mean a replacement must be purchased (not covered by warranty).

REPLACING BATTERIES

The control consists of a handset and gas valve within the gas stove. There are batteries both in the handset (2 x 1.5v AA Alkaline) and in the valve (3 x 1.5v AA Alkaline). The battery covers can be opened without tools by using your fingertip and pressing to unhook the clip that retains the cover.

Remove and replace the batteries being careful not to bend the battery contacts. The batteries should be held firm in place by the valve contacts. It is as important to ensure the contacts on the battery, valve and handset are completely clean and dry and free from any contamination or surface damage. It is vital that the batteries are put inside in the correct direction as shown in the above photos. Pay special attention to the position to the “+” end of the battery.

RED INDICATOR

ISSUE	MEANING
Permanently lit	Unsuccessful ignition sequence – valve in lockout (E00)
Flashing rapidly	Valve is busy (will not accept any command)
Flashing once a second	Valve detects an error
Flashing once every 10 seconds	Error detected
Flashing twice every 10 seconds (handset only)	Indication of low battery power in handset
Flashing three times every 10 seconds (handset only)	Indication of low battery power in both handset and gas valve
Permanently off	Valve in standby or in a stable operation
On momentarily after power up	Valve doing a self-test
Appears after pressing start	Indicates time to release pressing the start button

VALVE ERROR

1. Let the fire cool down (if hot).

2. Check if batteries are good and mounted correctly.
   Replace with new batteries if in any doubt

3. Reset the error by first pressing the power button (once the fire has cooled down). Then press onceagain to try to start the fire.

IMPORTANT NOTE: The handset will need to be paired with the valve after installation. (If using a handset with display, the time will be lost after some minutes of no power, but the pairing will remain.
Refer to the instructions on how to set the time to restore the time to the display.

Do not press the buttons on the valve to make a new pairing. If you do then you will have to reset the handset to accept a new pairing and make a new pairing, see the sections on restoring handset communication).

If the green indicator is flashing like a heartbeat, it is not in communication with the valve for some reason.
(on display handset additionally the communication symbol is missing see adjacent photo).

Communication can be lost by:

- The slide switch on the valve not in the on (I) position.
- The batteries need replacing in the valve.
- The handset is too far away from the fire (it needs to be some within a few metres).
- If the above is correct, and the handset is still flashing, then the pairing on the valve may have been accidentally altered and the handset will need to be reset, and a new pairing performed to restore communication (see section on restoring handset communication).

  If this does not resolve the problem, call a service engineer.

THERE ARE VIDEOS AVAILABLE ON YOUTUBE TO WATCH THESE PROCEDURES. THESE CAN BE FOUND BY SEARCHING TESC GAS CONTROL

ERROR CODES & WHAT TO CHECK

'TESC' gas valve remote control error codes for Aspect & Consort gas stoves.

The information provided below is for the use of service engineers only.

Error codes are produced to assist diagnosis of why the fire cannot / will not start. They appear if the control detects abnormal conditions with the fire, environment, installation components, or internal electronics.

If you believe your fire is not working correctly, please contact your local retailer or installer for further guidance first.

Note; If the batteries within the handset and valve are faulty or lack power, this can lead to false error codes being displayed on the handset.

To reset any error code, press and hold the power button on the valve.

PAIRING THE VALVE WITH THE HANDSET

If the handset is in factory reset condition, the display will read 7ESC rX (where X is a number).
Picking up the handset and holding it firmly will unlock the handset and the green unlock light will illuminate.

Follow the steps below to pair the valve with the handset:

1. **Ensure the power isolation slide switch on the valve is in the ON position**
2. **Place the unlocked handset near the fire (within 1 meter)**
3. **Simultaneously press and hold the + and – buttons on the valve, the red light on the valve should begin to flash rapidly.**
4. **Immediately release the + and – buttons and press the power button located directly below (the power button must be pressed within 1 second of releasing the + and – buttons).**
5. **If steps 3 & 4 are completed correctly, the handset will produce an audible tone, the green light will be flashing, and the display will show]- -[, the pairing must now be accepted within 60 seconds.**
6. **To accept pairing, pick up the handset and hold firmly to unlock. Press and hold SET for a few seconds.**
7. **The handset will beep and the display will enter the setup menu.**
8. **Keeping hold of the handset, it is now possible to set the display functions.**
9. **Pressing SET will advance through the menus and pressing MENU returns to previous options. Use + or – to change the variables.**
10. **When setup is completed, the communication symbol will be visible on screen, this indicates the handset is in fire operation mode and has established good connection with the valve.**

The communication symbol  **will not be visible on the display if any of the below occur;**

- **Handset is paired correctly but is out of range of the gas fire control**
- **The batteries in the gas fire control are flat, or have bad connections**
- **The slide switch on the gas fire control is in the OFF position**
- **The handset pairing has been broken.**

The handset will not control the fire if the communication symbol is absent.

ERROR CODES:

E00

Description of error:
- No heat to thermocouple.
- No flame at pilot.

Possible reasons:
• Flat batteries.
• No gas supply or blocked through contamination.
• Dust in pilot filter (clear if necessary).
• Loose thermocouple connections.
• Thermocouple aged or damaged and not producing enough output.
• Flame not touching spark electrode.

If each point has been checked, **replace the gas valve.**

E01

Description of error:
- It is possible that the level of CO in the ambient atmosphere is too high.

Possible reasons:
• Unstable pilot flame.
• Contaminated pilot.
• Poor position of ceramic parts.

E02

Description of error:
- Overheating around the gas control valve.

Possible reasons:
• Check gas pressure and gas rate.
• Poor position of ceramic parts.
• Check for spillage – is the appliance sealed correctly?
• Check air relief to the appliance.

E03

Description of error:
- Issue with thermocouple connection to the valve.

Possible reasons:
• No thermocouple connected.
• Damaged, defective or worn-out thermocouple.
• Thermocouple connection reversed / incorrect.

E04

Description of error:
- A flame is detected on pilot after valve has shutdown.

Possible reasons:
• Carbon or other contamination on spark electrode.
• Combustible material burning on pilot near electrode.

E05

Description of error:

- A flame is detected on pilot before valve has started.

Possible reasons:

· Carbon or other contamination on spark electrode.
· Combustible material burning on pilot near electrode.

E06 & E07

Description of error:

- Supply voltage too low to operate valve.

Possible reasons:

· Flat/ incorrectly inserted batteries.
· Damaged battery contacts.
· Defective mains power supply.
· Short circuit in external wiring.

E09, E09, E10 & E51

Description of error:

- Device connected to TESC is not working correctly.

Possible reasons:

· TTB connection.
· Ceramic layout.
· Gas supply to the appliance.

If each point has been checked, **replace the gas valve**.

E15, E16 & E17

Description of error:

- Indicates buttons on valve do not work or are incorrectly wired.

Possible reasons:

· Buttons are sticking or blocked.
· Buttons are damaged.
· Cable damaged, or short circuit to ground.

E19, E20, E27, E50, E54, E57, E58, E59, E60 & E61

Description of error:

- Indicates internal CPU diagnostic self-test has returned invalid results.

Possible reasons:

· EMC issue (try twisting ignition cable around the thermocouple wire several times to quench radiated EMC emissions).
· Spark tracking out somewhere other than at electrode causing unusual interference.

E23

Description of error:

- Indicates valve has performed 40K start operations.

Possible reasons:

· **END OF LIFE - replace the gas valve.**

E24

Description of error:

- Indicates thermocouple has not reached nominal final temperature within 60 seconds of startup.

Possible reasons:

• Aged thermocouple.
• Thermocouple wire insulation is damaged and shorting to metal chassis.
• Unstable pilot flame.
• Contaminated pilot.
• Poor position of ceramics.

E26

Description of error:

- Indicates power supply with incorrect pin orientation connected to USB inlet.

E32, E43, E46, E47, E52, E53, E56 & E62

Description of error:

- Self-test procedure of valve electronics failed.

Possible reasons:

• Flat batteries.
• Liquid ingress affecting electronics.

If each point has been checked, **replace the gas valve.**

E33, E34, E35, E36, E37, E38, E39, E40, E41 & E42

Description of error:

- Gas valve jammed.

Possible reasons:

• Contamination of valve inlet / outlet with debris from supply pipe.
• Flat batteries in both valve & remote.

If both points have been checked, **replace the gas valve.**

E48

Description of error:

- Indicates that the control has detected a short circuit of the thermocouple.

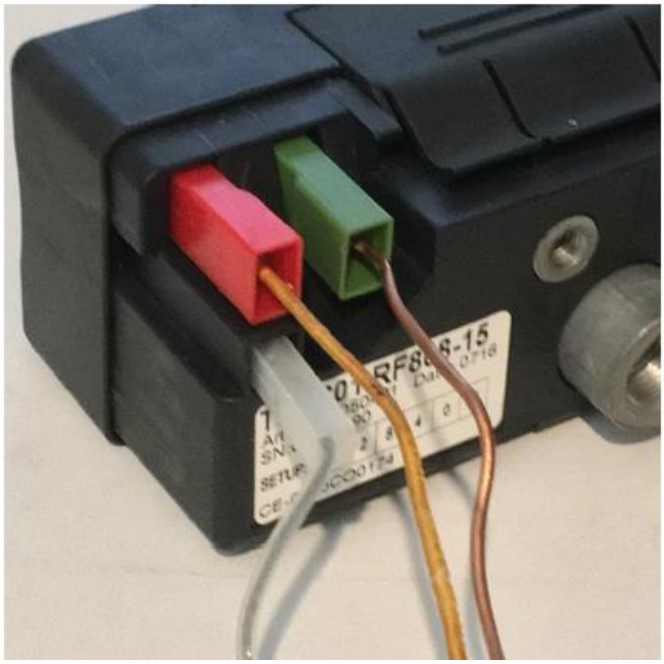
Possible reasons:

• Flat batteries.
• Insulation on thermocouple is broken.
• Thermocouple connection is reversed / incorrect.
• Damaged, defective or worn-out thermocouple.

If each point has been checked, **replace the gas valve.**

THINGS TO CHECK

ITEM	
PILOT ASSEMBLY	• Check for blockage in gas pipe to pilot, or injector inside pilot. • Check for a contaminated pilot assembly. o NOTE: The pilot is an integral part of the safe operation of the fire and MUST be changed at every annual service to ensure safe operation of the fire, this will also help to reduce the risk of problems during operation. Each pilot is date coded to enable tracking of the age of the pilot. Any warranty will be immediately void if the pilot is not changed every 12 months. • Cleaning the pilot between services. o The pilot must be kept clean of any debris, dust, or contamination. If not, the fire may not light well and may not light/run at all.
ELECTRODE	• The electrode consists of an ignition cable, white ceramic body, and a wire tip – these parts must be kept completely clean. • A new, unused, clean, dry paintbrush is recommended for cleaning the pilot assembly and electrode tip. o NOTE: In the previous photo, a soot deposit is shown as an example of carbon contamination that can occur. This is quite common, particularly if the artificial coals/logs/ matrix are not located properly within the fire, or if they have moved during use. This may not appear to be a significant problem, but because of the conductive nature of carbon it is possible that the spark may track out via such deposits and not light the pilot gas flame. • If ignition cable insulation becomes damaged, it is unlikely that the spark will reach the pilot burner, and therefore ignition will be prevented.
PILOT AIR INLET APERTURE	• The air intake hole on the pilot is very small and can become contaminated from the ambient environment. o The dust can be very hard to see, but even a small amount can stop the fire from lighting. • During operation, the chimney, and the fire suck air in from the room. As such, any airborne particles (e.g. dust, pollen, pet hair) are also sucked in. The rate at which this occurs depends on a number of environmental factors. • Cleaning of the pilot is required at least once a year (in between services) but is recommended more regularly. • If the small air intake hole is covered with a mesh filter, it may be possible to turn the mesh so that a clean section is located in front of the hole, but cleaning the mesh and hole is considered essential maintenance.

ITEM	
CORRECT POSITION OF THERMOCOUPLE CONNECTIONS ON THE VALVE	

BATTERY INFORMATION

If a display handset is paired with the valve, the display will show the battery level in both the valve and the handset (by toggling between FC [fire control] and RC [remote control]).

	• Battery symbol shows full battery indication and letters FC – meaning the Fire Control batteries are in good condition. • Usually the fire will function normally until only 1 bar is shown by the battery indicator icon. If in any doubt, it is recommended that batteries are changed as soon as possible. • NOTE: Pairing is not lost if the batteries run out, or are removed, however the time setting on the handset will be lost, and will need to be reset.
	• Battery symbol shows empty battery indication and letters RC – meaning the Remote-Control batteries are in need of being changed. • If letters FC are displayed, the batteries in the Fire Control valve need changing. • If fire does not light, the best course of action is to change the batteries for known good (preferably new) batteries before doing anything else.

LEAKING BATTERIES

- If batteries leak and damage the valve (or handset) this is not a fault of the valve or gas fire.
- Battery leakage could potentially be caused by overheating, or poor air circulation, although the control valve is designed to protect against this.
- Almost all batteries will leak eventually whether in use or not.
- To minimize the risk of battery leakage, the batteries should be changed well before they are completely empty, and at a minimum once every 12 months as a preventative measure.
- Although any brand of alkaline AA battery can be used, some are known to be better than others. We recommend **ENERGIZER** batteries, as they have performed well under test conditions, store power well, and claim to be more resistant to leaking than competitor products.

FREQUENTLY ASKED QUESTIONS

NOTE: USE THIS GUIDE IN ASSOCIATION WITH YOUR GAS FIRE USER INSTRUCTIONS. ONLY ATTEMPT WORK AS RECOMMENDED IN THOSE INSTRUCTIONS AND WHERE SUITABLY QUALIFIED

WHAT SHOULD I DO IF MY FIRE DOES NOT LIGHT OR STAY LIT.

- Check if gas supply is on.
- If the fire is hot, wait for fire to cool down.
- If your fire has a remote handset, put the handset to one side and access the gas valve in the fire.
  (check user instructions for details on how to do this).
- Remove battery cover from valve and check batteries are ok, with no leaks visible, or any other contamination present.
  If in doubt replace with new, unused batteries.
- When replacing batteries, ensure contacts are clean, dry, and free from any contaminants or surface damage.
  Be careful not to bend or displace contacts.
- Ensure to mount batteries in correct orientation.
- Replace battery cover on valve.
- Check ceramic parts (Stones, Logs, etc.) are in correct place and in good condition.
- Perform any general cleaning of the fire as recommended by manufacturer's user instructions, particularly around the pilot assembly.
- Replace correctly any part of the fire that was removed to allow access to the valve.
- If the red light on the valve is lit, reset by pressing on/off button briefly. (light should go out).
- Start fire using control buttons on valve.
- If fire does not light normally, wait until red light on valve indicates error or lockout.
  NOTE: the valve may make several attempts to start the fire, this may take some minutes.
  DO NOT interrupt the valve while it completes this process.

IF THE FIRE DOES NOT FUNCTION CORRECTLY

- Double check all of the above, in particular that the batteries are good, mounted correctly, and all contacts are clean and sturdy.

- If the manufacturer's user instruction manual details cleaning of the pilot, follow these instructions carefully.

- Reset the valve as above.

- Attempt to restart the valve several times.
  If the fire still does not function correctly you may need assistance from a service engineer. Refer to manufacturer's user manual to seek engineer assistance. If the fire lights, and appears to work correctly, pick up the handset to check correct function: -

- Hold the handset firmly, the unlock keypad light should be lit, solid green.

IF NO LIGHT PRESENT ON HANDSET

- Check the batteries in the handset are good, mounted correctly and firmly, and there is no contamination or surface damage to the contacts.

- Clean and replace batteries as necessary.
  NOTE: If the battery contacts are contaminated (e.g. previous battery leak age) the handset may be permanently and irreversibly damaged, meaning a new handset may need to be purchased.

IMPORTANT NOTE: THE HANDSET IS WILL NEED TO BE PAIRED WITH THE VALVE IN THE FIRE AFTER INSTALLATION.
PAIRING IS NOT LOST IF BATTERIES ARE REMOVED.
THE DISPLAY HANDSET MAY LOSE RECORD OF THE TIME IF BATTERIES ARE REMOVED BUT PAIRING WITH THE VALVE WILL REMAIN. REFER TO INSTRUCTIONS RELATING TO SETTING THE TIME TO RESTORE TIME TO THE DISPLAY.

If the green indicator light is flashing like a heartbeat, the handset is not communicating with the valve (on the display handset the communication symbol  will be missing)

Communication can be lost for various reasons including, but not limited to:-

- The slide switch on the valve not in ON (I) position.

- The batteries in the valve being low on power, or out of power.

- The handset being too far from the fire.
  If the above are all in order and the handset is still flashing, pairing with the valve may have been unintentionally altered. The handset will need to be reset, and a new pairing with the valve established
  (see section on restoring handset communication).

If this does not resolve the problem a service engineer will be required.

INSTALLATION & COMMISSIONING CHECKLIST

PURCHASE INFORMATION			
Dealer/Retailer Name			
Address			
Telephone Number			
Email			
Date Purchased			
INSTALLER INFORMATION			
Installer Name			
Address			
Telehpone Number			
Email			
Gas Safe Registration #			
APPLIANCE INFORMATION			
Date Installed			
Appliance Stock Code			
Appliance Description			
Appliance Serial Number			
COMMISSIONING CHECK (Complete & Sign)		**YES**	**NO**
Does the chimney/flue system meet the appropriate standard?			
Has the chimney/flue system been swept and passed the soundness test?			
Has this appliance passed the flue draught test?			
Please write down the flue draught reading:			
Has this appliance passed the smoke test?			
Has this appliance passed the spillage test?			
Have you explained how to operate the appliance and explained the controls?			
Signature:	Print Name:		

SERVICE RECORDS

1st Service	
Date of Service	
Date of next Service	
Servicing Company/ Engineer	
Signature	

2nd Service	
Date of Service	
Date of next Service	
Servicing Company/ Engineer	
Signature	

3rd Service	
Date of Service	
Date of next Service	
Servicing Company/ Engineer	
Signature	

4th Service	
Date of Service	
Date of next Service	
Servicing Company/ Engineer	
Signature	

5th Service	
Date of Service	
Date of next Service	
Servicing Company/ Engineer	
Signature	

6th Service	
Date of Service	
Date of next Service	
Servicing Company/ Engineer	
Signature	

7th Service	
Date of Service	
Date of next Service	
Servicing Company/ Engineer	
Signature	

8th Service	
Date of Service	
Date of next Service	
Servicing Company/ Engineer	
Signature	

9th Service	
Date of Service	
Date of next Service	
Servicing Company/ Engineer	
Signature	

10th Service	
Date of Service	
Date of next Service	
Servicing Company/ Engineer	
Signature	

2 YEAR STANDARD WARRANTY

Any appliance bought through the showroom of an authorised Hunter Stoves Group dealership will automatically be covered by our standard 2-year conditional guarantee.

However, this standard 2-year warranty can be extended to a 5-year or 10-year conditional warranty dependent on the model type.
(5 years- boiler model and gas models, 10 years- room heater).

To qualify for this extended warranty option, you need to:

1. Register your purchase online at:
   https://www.hunterstoves.co.uk/product-registration

2. Retain your proof of purchase.

WARRANTY CONDITIONS

For the Standard 2 year or extended 5/10-year warranty to be valid and to remain in force throughout the warranty period the following must have been carried out:

1. The appliance must have been installed by an appropriately qualified engineer (from the Competent PersonScheme/Gas Safe) in accordance with the manufacturer's instructions and in compliance of any relevant national or local building regulations.
   Please visit the following links for details on the Competent Person Scheme: https://www.gov.uk/guidance/competent-person-scheme-current-schemes-and-how-schemes-are-authorised
   and Gas Safe register: https://www.gassaferegister.co.uk/

2. The appliance will need to be registered within two months of purchase and the commissioning and installation documentation completed (these need to be kept by the end user).

3. The appliance must be serviced within 12 months of the installation date for the second year of the standard warranty to be valid, and within every 12-month anniversary thereafter to maintain the validity and coverage of any extended warranty. For this purpose, the installation and user instructions, supplied with the appliance,makes a provision for receipts and annual services to be recorded.
   This is needed in the event of a claim during the warranty period.

4. Only genuine Hunter Stoves spare parts or consumables can be used in the servicing and maintenance of the appliance during any standard or extended warranty period. These can be sourced from your authorised supplier directly or through our website spares portal: www.hunterstoves.co.uk/product-category/spares.

5. Any problems or issues giving rise to any claim under the standard or extended warranty must be submitted to the authorised Hunter Stoves Group retailer from whom you originally purchased the appliance. Hunter Stoves Group will then offer appropriate support and help through your original authorised supplier to solve any issues.

6. The standard or extended warranty option is not transferable. It is solely for the benefit of the original purchaser of the appliance. For this purpose, please retain the proof of purchase.

WARRANTY EXCLUSIONS

No warranty period is extended to naturally wearing replaceable consumables and spare parts within the appliance.
Such parts include, but are not limited to:

For Solid Fuel Stoves:
Glass and rope/ceramic seals
Fire bricks
Baffles/Throat plates
Log retainers & Catch bars
Grate supports & Grate parts
Ash-pans
Clip-in Boilers

For Gas Stoves:
Gas pilot assemblies
Thermocouples and Oxy pilots
Ceramic log & coal 'fuel -effects'
Batteries

PAINT & SURFACE COVERINGS

The paint or surface covering of the appliance will be covered (for 1 year after installation) provided the warranty conditions are met. However, damage due to the following events will not be covered:

1. Damage to the paint surface caused by the appliance being stored in a damp and cold environment is not covered under warranty. Please be aware that any moisture within the room where the stove is installed e.g. through clothes drying, can be a cause of paint issues.

2. In the course of the initial firings of the appliance the paint or enamel surface may change colour. This is normal and as such is therefore not covered under warranty.

3. Damaged caused by over firing, resulting in cracking, bubbling or discolouration to the paint or enamelled surface finish is not covered under warranty.

WARRANTY LIMITATIONS

1. Damage to the appliance due to specific local conditions caused by draft or chimney defects.

2. Damage resulting from installation and use where installation is not in accordance with the manufacturer's instructions or local building and/or safety regulations.

3. Damage or premature wear caused by burning inappropriate fuels such as Bituminous coal, "Petro-Coke" or any other Petroleum based coals. Please visit the HETAS website, www.hetas.co.uk, for a full list of approved fuels which are covered by the warranty. Fuels outside of this list are not covered by the warranty.

4. Damage caused by burning material with high creosote content or any other painted/treated timber.

5. Consequential loss to associated non-Hunter Stoves Group products is not covered under the warranty.

6. Consequential loss relating to decorations, soft furnishings or other household assets is not covered under thewarranty.

7. Cost associated with the removal and re-installation of an appliance subject to a warranty claim.

Hunter Stoves Group total liability will only extend to the total purchase price paid for the goods in any warranty claim. Hunter Stoves Group reserve the right to replace, repair or refund to value of goods purchased.

ANY HUNTERS STOVES GROUP PRODUCT PURCHASED VIA AN INTERNET SUPPLIER, OR THROUGH AN UNAUTHORISED STOCKIST WILL ONLY BE SUPPORTED BY THE STATUTORY, 12 MONTH GUARANTEE AND WILL NOT QUALIFY FOR ANY EXTENDED 5 OR 10 YEAR WARRANTY.

The Hunter Stoves Group extended warranty option does not affect your statutory rights.

This revised standard or extended 5 or 10-year warranty option comes into effect on 1st September 2015 and will apply to all appliances sold from that date.

This standard/extended warranty applies to purchases of Hunter Stoves within the United Kingdom and the Republic of Ireland. Purchases in all other countries are subject to the warranty conditions specified by the distributer in those markets.

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FURTHERINFORMATION

For extra guidance on using your stove please contact your supplier/installer.

All genuine Hunter Group spares can be purchased through our website

www.hunterstoves.co.uk/product-category/spares
or through your authorised dealer.