30 September 2022

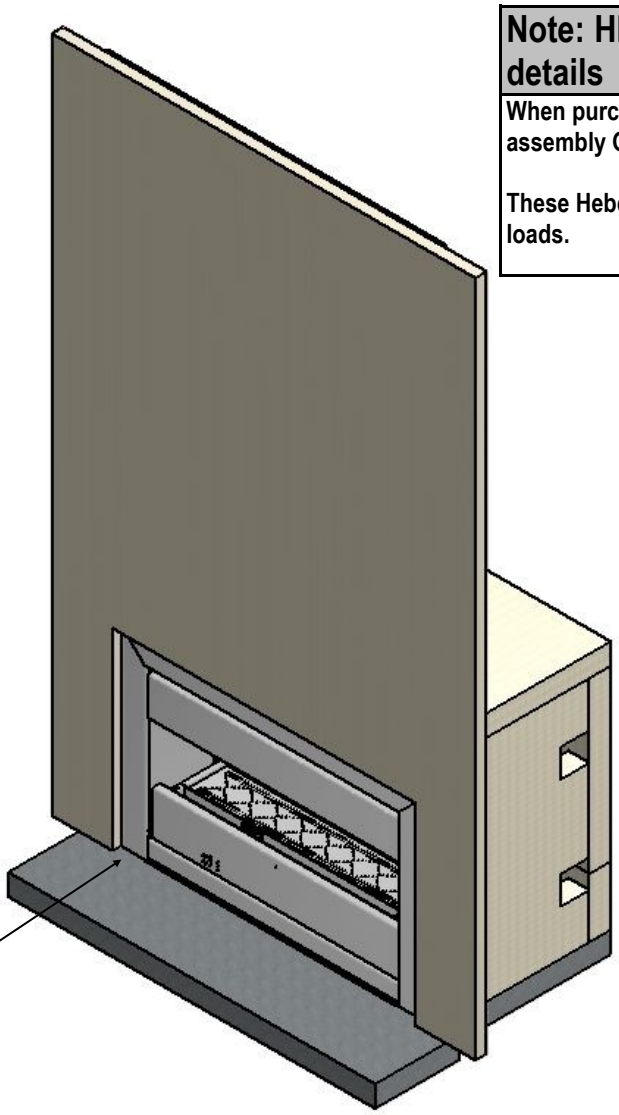
SG & EG 700-780-900-1100-1250-1500 *Outdoor*

FLUELESS OUTDOOR GAS OPEN FIRES

Installation Instructions

Note: HEBEL KITSET ASSEMBLY details
When purchasing the 'Hebel Heat Cell Kit' the assembly Guide will be included. **These Hebel Kits are not designed to carry loads.**

Important Note:
Fire for Outdoor use only, NOT to be Installed Indoors.
ALL WARMINGTON FLUELESS GAS FIRES ARE TO BE INSTALLED INTO OPEN OUTDOOR AREAS ONLY, THIS IS TO ALLOW GASSES TO ESCAPE.
All load-bearing structures are to be Engineered to carry load. See table for weights in kg.



IMPORTANT NOTE:

ALL WARMINGTON FLUELESS GAS FIRES ARE TO BE REBATED INTO ITS ENCLOSURE 40mm IF EXPOSED TO DIRECT WEATH-

Plinth & Hearth NOT provided.

Related documents

Fireplace installation, and instructions to comply with NZS 5601.1:2013, 3645.1(Int):2010, 3645.2(Int):2010, 5266:2014, 2918:2001.

The fireplace is constructed and tested to comply with NZS 4558(int):2013 "Decorative gas log and other fuel effect appliances".

Keep these instructions for further reference. Ensure that you have the correct and current installation details for the Warmington fireplace.

Installation

The Warmington unit is to be installed by a certified Warmington installer or an approved NZHHA installation technician.
See www.homeheat.co.nz/members for a certified NZHHA SFAIT Installer in your area.
A licenced certified gas fitter and licenced electrician are required to run power and gas supplies as required to the unit and any commissioning as part of the installation process.The heater must be installed according to these instructions and in compliance with all relevant building, gas fitting, electrical and other statutory regulations.

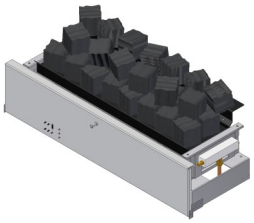
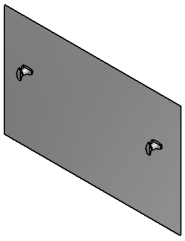
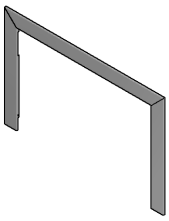
IMPORTANT

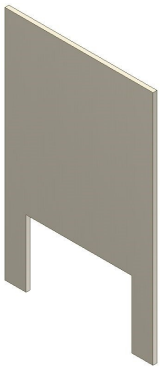
Read all the instructions carefully before commencing the Installation. Failure to follow these instructions may result in a fire hazard and void the warranty

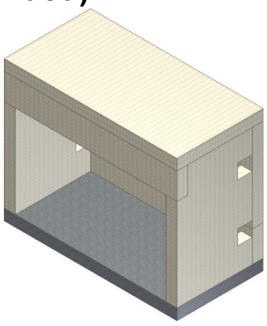
30 September 2022

IMPORTANT NOTE FOR YOUR DECORATIVE GAS FIRE

INSTALLATION AND SERVICE MUST BE DONE BY A CERTIFIED GASFITTER OR CERTFIED NZHHA SFAIT INSTALLER

Items supplied with Fire	No:
EG/SG Outdoor Flueless Firebox 	1
EG/SG - LPG/NG Burner & Pure Grate Coal / Log Set Vermiculite 	1
S/S Weathershield 	1
S/S or BLK Fascia 	1

NOT supplied with Fire	No:
75mm Hebel 	1
Installation	1
Gas Fitting	1

Optional	No:
Hebel Enclosure (Hearth & Plinth NOT Provided) 	1

INSTALLER

LEAVE MANUAL WITH THE CUSTOMER ONCE INSTALLED

OWNER

PLEASE KEEP THESE SPECIFICATIONS FOR FUTURE REFERENCE

POINTS TO CONSIDER PRIOR TO INSTALLATION

Venting to the Cavity.
This air is to allow the Cavity to Vent the Warm Air out of the heat cell. Each Fire has different ways of venting the cavity to the outside, care needs to be taken to ensure that venting dose not cause a hazard.

The Topography of the Land .
The slope and position of the Land in relation to the Home has a bearing on how the wind will interact with the Fire. Care needs to be taken to ensure that the Fire is in the correct position to maximise performance .

Hearth and Plinth: NOTE: (Not Provided in Hebel Cell Kit)
The height of the Hearth off the Floor. The Finishing that is to be used on the hearth is to be allowed for at the design stage.

Fire Clearances :
To be maintained to the Manufactures Instructions .

Rebate Firebox :
All Warmington Flueless Gas Fires are to be Rebated 40mm into it`s Enclosure if exposed to Direct Weather .

Protect Electronics :
Ensure that all Electronic Equipment on the EG Fire Range is protected from the Weather . Damage may occur when Electronics become in Contact with Moisture &/or any Water & is not covered by the Warranty .

INSTALLATION ORDER OF OPERATIONS

Prior to Construction and Installation
Important Notes:

1. **Consult a licenced certified gas fitter for correct gas installation.**
2. Install to current standards.
3. Must be Installed to Manufacture's Specifications .
4. All new Installations require a Council Consent No Application call your Local Council for details .
5. Allow for Gas Supply to Heat Cell at Rear, and Power Supply to Rear if required (having the fire on site will help).
   * For special requirements concerning materials (Timber Mantle and Surrounds) within close proximity of Warmington products, please contact your local Warmington Agent or Technical Consultant.

Stage 1: Frame Construction Procedure by Builder.

6. Mark out Heat Cell Clearance requirements.
7. Build Timber Framing to Heat Cell Clearances requirements.
8. Construct Plinth only , to required height. *

Stage 2: Install Procedure by approved "Warmington Installer" or a Certified "NZHHA SFAIT Installer" see www.homeheat.co.nz/members & follow steps to get an Certified Installer in your area .

9. Fit Fire to Plinth. (Ensure Gas Supply Line and power if required is fed through the rear of Firebox.)
10. Heat Cell should be Fully Constructed of Non-Combustible Material. (e.g. Hebel)
11. Ensure 40 mm Rebate to form a Drip Edge.
12. Ensure Heat Cell Alcove is Vented to keep Alcove Cool. (2 x Ø100mm Vents should be fitted, 1 at the Top of the alcove and 1 at the base of the Alcove to allow air flow .

Note: Clean and touch up paint on the fire and cover if necessary.

Stage 3: Finishing Procedure by Builder.

13. Construct Hearth to required Thickness. *
14. Finish Framing of Heat Cell Alcove.
15. Close in Heat Cell Alcove.

Finish Heat Cell Alcove and Hearth to Customer's requirements (e.g. paint / tiles).

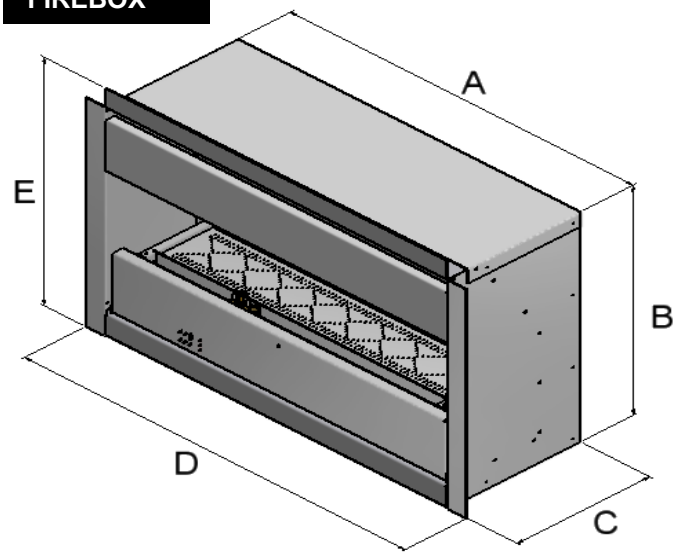
* **Note: Certified Installer can also Install Hearth and Plinth .**

Maintenance.

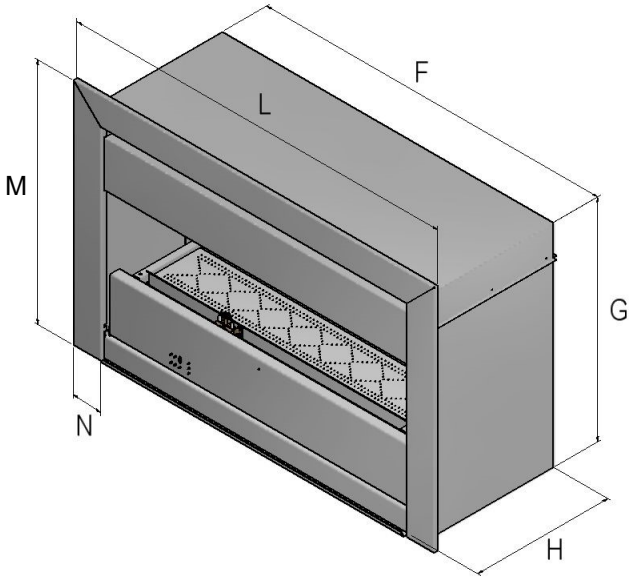
Visually Inspect Fireplace. The gas burner may be serviced annually or more frequently if required by a certified gas fitter. Ensure that Firebox is operated according to Manufacture's Instructions.

FIREBOX DIMENSIONS

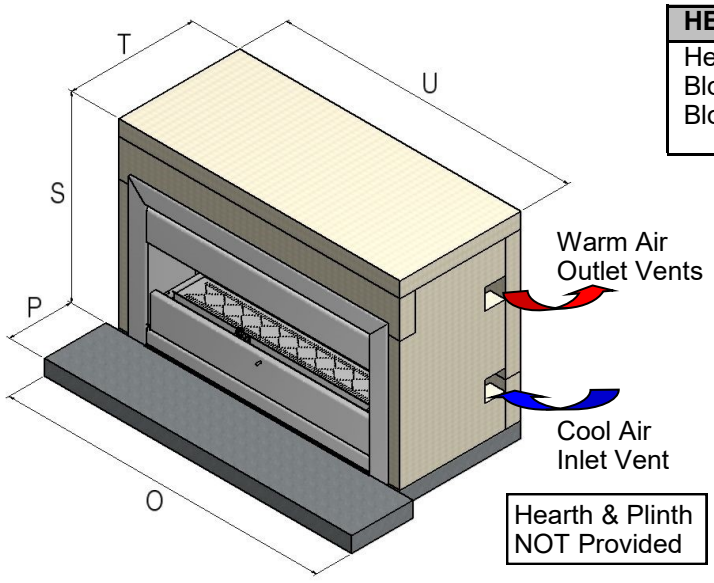
FIREBOX



FIREBOX with HEATSHIELD



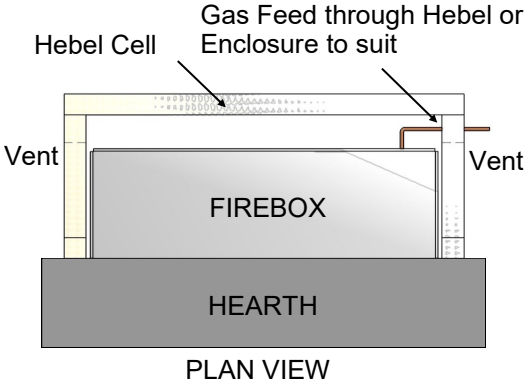
Description		SG/EG 700	SG/EG 780	SG/EG 900	SG/EG 1100	SG/EG 1250	SG/EG 1500
Firebox Width	A	705	785	905	1105	1255	1410
Firebox Height	B	600	600	600	600	600	600
Firebox Depth	C	355	355	355	355	355	355
Flange Width	D	800	880	1000	1200	1350	1505
Flange Height	E	650	650	650	650	650	650
Heat Shield Width	F	794	874	994	1194	1344	1494
Heat Shield Height	G	625	625	625	625	625	625
Heat Shield Depth	H	395	395	395	395	395	395
Fascia Width	L	860	940	1060	1260	1410	1560
Fascia Height	M	680	680	680	680	680	680
Fascia Section	N	80	80	80	80	80	80
Hearth Width	O	1100	1180	1300	1500	1550	1800
Hearth Projection	P	300	300	300	300	300	300
Heat Sensitive Zone	R	1700	1700	1700	1700	1700	1700
Hebel Enclosure Height	S	810	810	810	810	810	810
Hebel Enclosure Depth	T	590	590	590	590	590	590
Hebel Enclosure Width	U	980	1060	1180	1380	1530	1675
Weight Approx in kg							



Hearth & Plinth NOT Provided

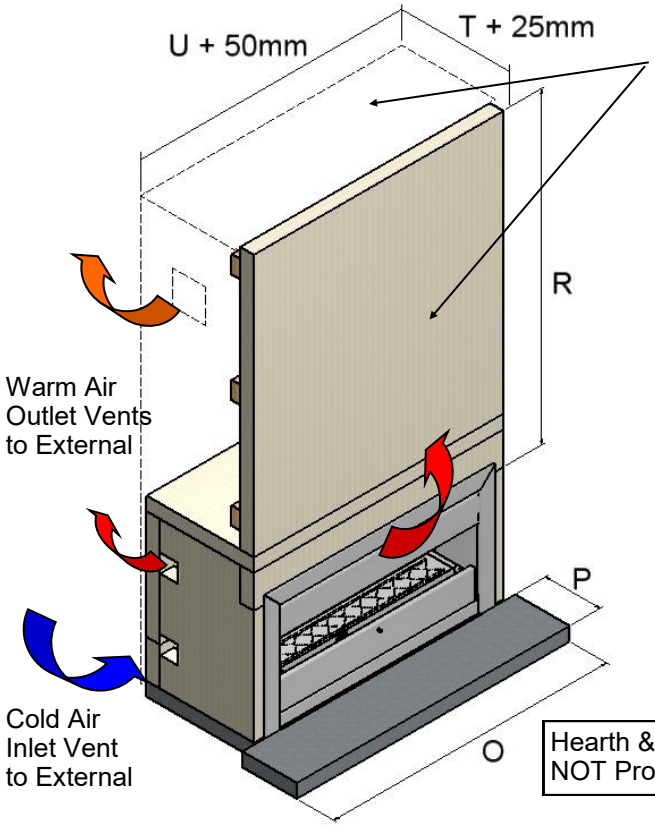
HEBELCONSTRUCTION

Hebel to be Constructed using Hebel Block Bond & Screwed Together until Block Bond Sets.



PLAN VIEW

INSTALLATION DETAILS IN A COVERED OUTDOOR AREA - COMBUSTIBLE ALCOVE CONSTRUCTION



Important Note:

NO Combustible Material to be used below the measurement R. Do NOT paint or cover with any combustible material.

Caution Gas Temperature will exceed 150deg C Running up the Front Face

NOTE:
NO Combustible Materials eg. Adhesives or Tapes to be used in this Area

Important Note:

Fire is for Outdoor use only , NOT to be Installed Indoors .

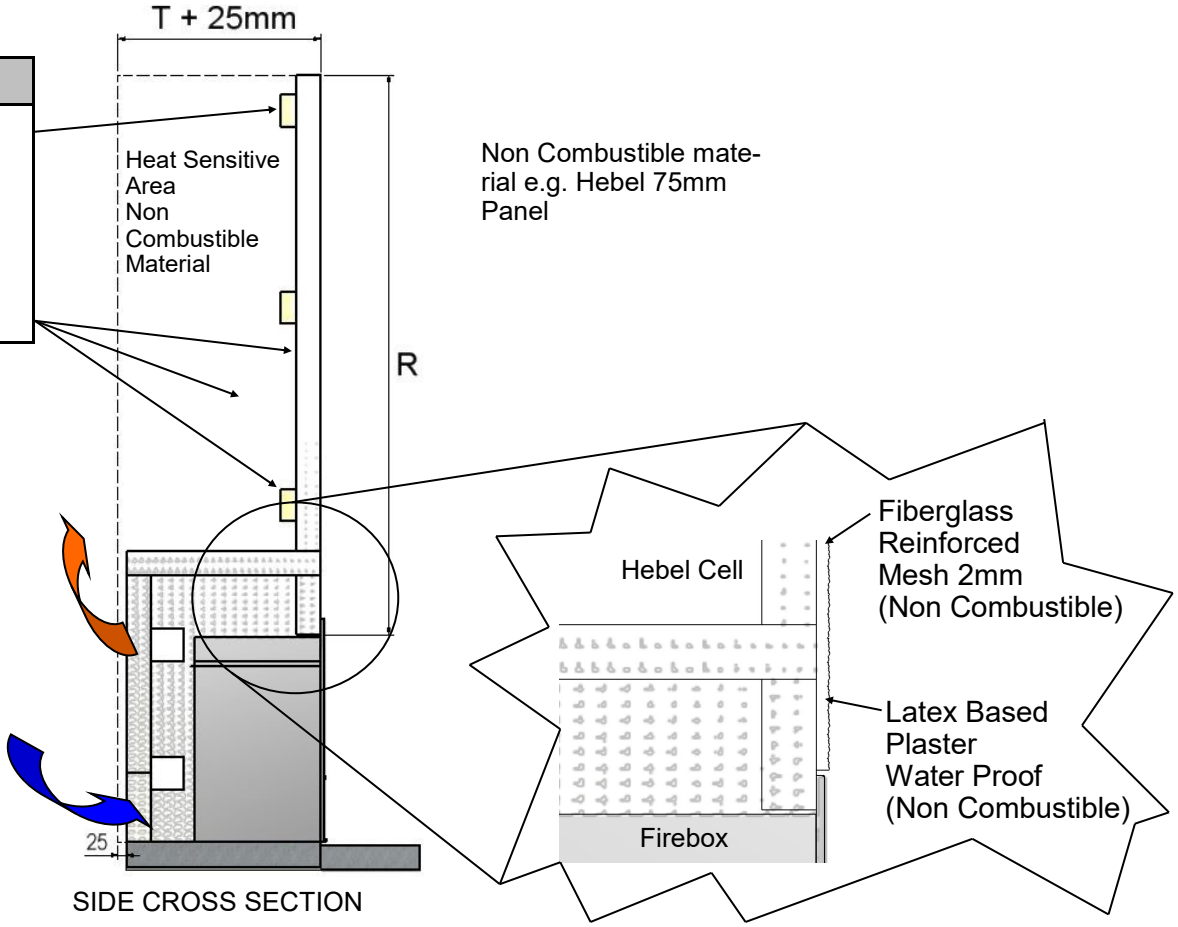
Fire to be Installed in Full Masonry or Non Combustible Enclosure.

Care Needs to be taken with Fixings & Glues must be Non Combustible.

If Area is Enclosed - Ensure that Internal Area is Vented at the Base and at the Top.

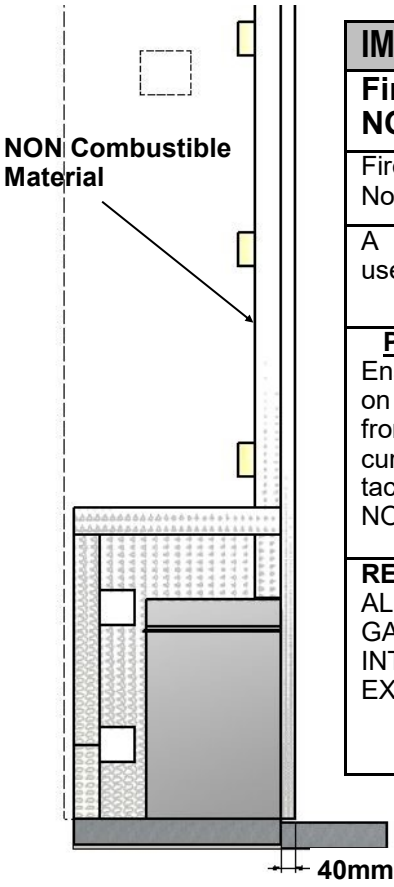
Important Note:

Use All Non Combustible Material
1. Steel Frame
2. Concrete Block
3. Hebel
4. Promina Board Over Steel Frame



SIDE CROSS SECTION

INSTALLATION DETAILS IN AN EXPOSED OUTDOOR AREA - Additional 40mm Rebate



IMPORTANT NOTES :

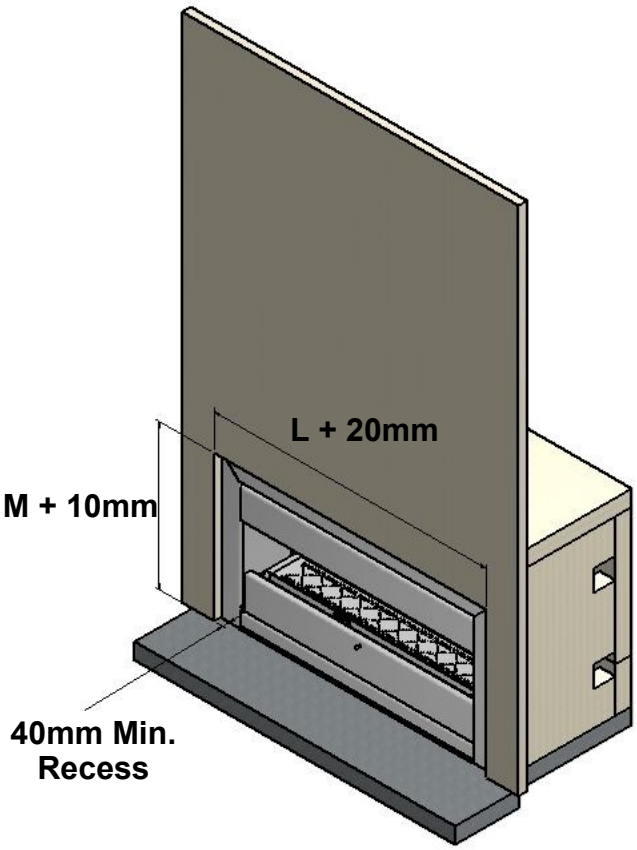
Fire for Outdoor use only, NOT to be Installed Indoors .

Fire to be Installed in Full Masonry or Non Combustible Enclosure.

A Non-Combustible Face is to be used above the Fire Box Opening.

Protect Electronics :
Ensure that all Electronic Equipment on the EG Fire Range is protected from the Weather . Damage may occur when Electronics become in Contact with Moisture &/or any Water & is NOT covered in the Warranty

REBATE FIREBOX :
ALL WARMINGTON FLUELESS GAS FIRES ARE TO BE REBATED INTO ITS ENCLOSURE **40mm** IF EXPOSED TO DIRECT WEATHER .



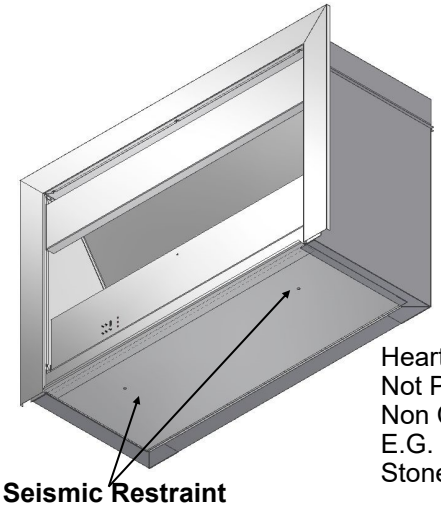
GAS SPECIFICATIONS SG / EG Tested to current gas standards

NOTE : All Test Pressures are tested by a Independent Test Lab *** Inlet Pressure not to exceed 4.0KPa**

MODLE	SG / EG 700	SG / EG 780	SG / EG 900	SG / EG 1100	SG / EG 1250	SG / EG 1500
LPG						
Nominal Pressure Kpa	2.75 kPa	2.75 kPa	2.75 kPa	2.75 kPa	2.75 kPa	2.75 kPa
Nominal Injector Size mm	2 X 1.1mm	2 X 1.2mm	2 X 1.3mm	2 X 1.4mm	4 X 1.1mm	4 x 1.2mm
Burner Pressure High Kpa	2.5	2.5	2.5	2.5	2.5	2.5
Burner Pressure Low Kpa	0.75	0.75	0.75	0.75	0.75	0.75
MJ/h	29	38	42	50	60	70
Flame Effect Output Only	Effect	Effect	Effect	Effect	Effect	Effect
Supply Pipe Size dia—min	3/8”	3/8”	1/2”	1/2”	1/2”	1/2”
Natural Gas						
Nominal Pressure Kpa	1.5 kPa	1.5 kPa	1.5 kPa	1.5 kPa	1.5 kPa	1.5 kPa
Nominal Injector Size mm	2 X 1.8mm	2 X 2.0mm	2 X 2.2mm	2 X 2.4mm	4 x 1.8mm	4 x 2.0mm
Burner Pressure High Kpa	1.0	1.0	1.0	1.0	0.85	0.5
Burner Pressure Low Kpa	0.3	0.3	0.3	0.3	0.2	0.15
MJ/h	35	41	48	60	63	62
Flame Effect Output Only	Effect	Effect	Effect	Effect	Effect	Effect
Supply Pipe Size dia—min	3/8”	1/2”	1/2”	1/2”	1/2”	1/2”

Lab. Test No	GL 923	GL 900	GL 834	GL 876	GL 973	GL 973
Lab. Test Dates	20/04/2010	26/02/10	26/06/09	24/12/09	30/ 04 /2011	30/ 04 /2011
ESS Declaration No:	**1149420106**	**1149520106**	**1149720106**	**1149820106**	**1149720106**	**1149720106**

SEISMIC RESTRIANTS



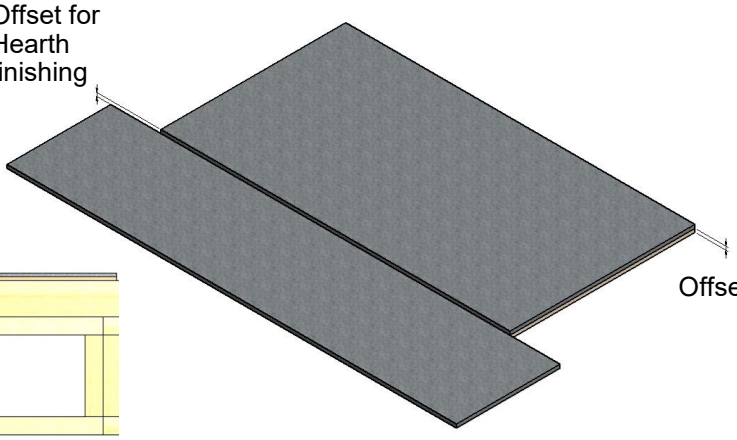
Seismic Restraint
Secure Firebox through anchor points provided

Hearth & Plinth
Not Provided - Must be Non Combustible Material.
E.G. Hebel, Concrete, Stone etc.

HEARTH & PLINTH CONSTRUCTION DETAILS

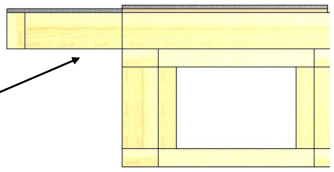
Note: Hearth and Plinth Construction.
Plinth to be Offset above Hearth by the Hearth Finishing's (e.g. Tiles / Granite / Solid Plaster / etc)
Raised Hearth's & Plinth's with cantilevered Hearth's must be adequately supported to take the weight in Accordance with the NZ Building Code .

Offset for Hearth finishing



Offset

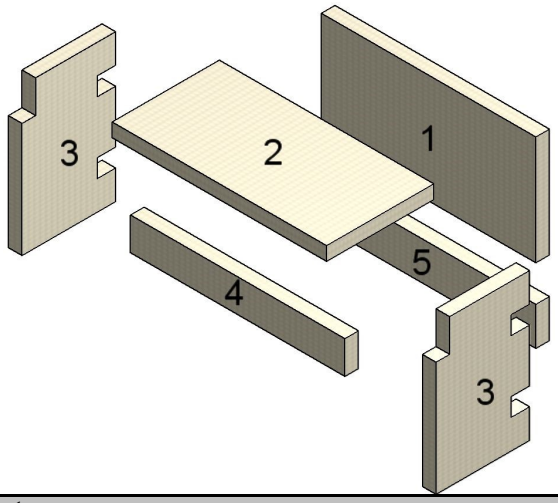
This is an example of a Raised & cantile-vered Hearth . See Spec for details .



***Note: If Solid Plastering the Heat Cell Structure, it is recommended to use a Fibreglass Mesh with a Latex Based Plaster to minimise the chance of the Solid Plaster cracking. (See your Solid Plasterer for correct materials and applications).**

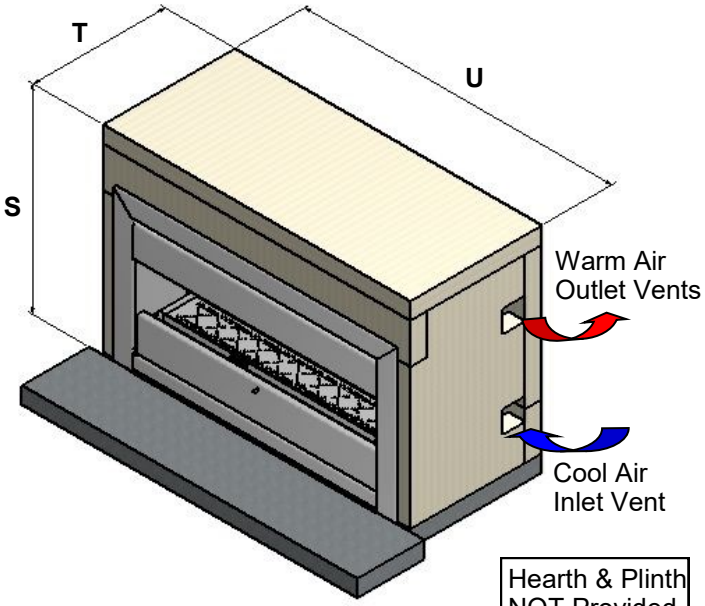
Visit the Warmington Web Site for "Hebel" instruction (PDF Download).. www.warmington.co.nz

ASSEMBLED VIEW OF HEBEL ENCLOSURE



Note:
HEBEL ENCLOSURE : Constructed using 75mm Hebel Panels . Also 190 mm Block / Concrete / 75mm Brick can be used for Heat Cell to these Dimensions & No Lesser . Hebel Must be assembled using Hebel Glue & Steel / Stainless Steel Screws to pin together until Hebel Glue sets - Screws can remain in Hebel

Note:
Fire for Outdoor use only, **NOT** to be Installed Indoors .



Hearth & Plinth NOT Provided

Firebox		SG/EG 700	SG/EG 780	SG/EG 900	SG/EG 1100	SG/EG 1250	SG/EG 1500
Enclosure Height	S	810	810	810	810	810	810
Enclosure Depth	T	590	590	590	590	590	590
Enclosure Width	U	980	1060	1180	1380	1530	1780

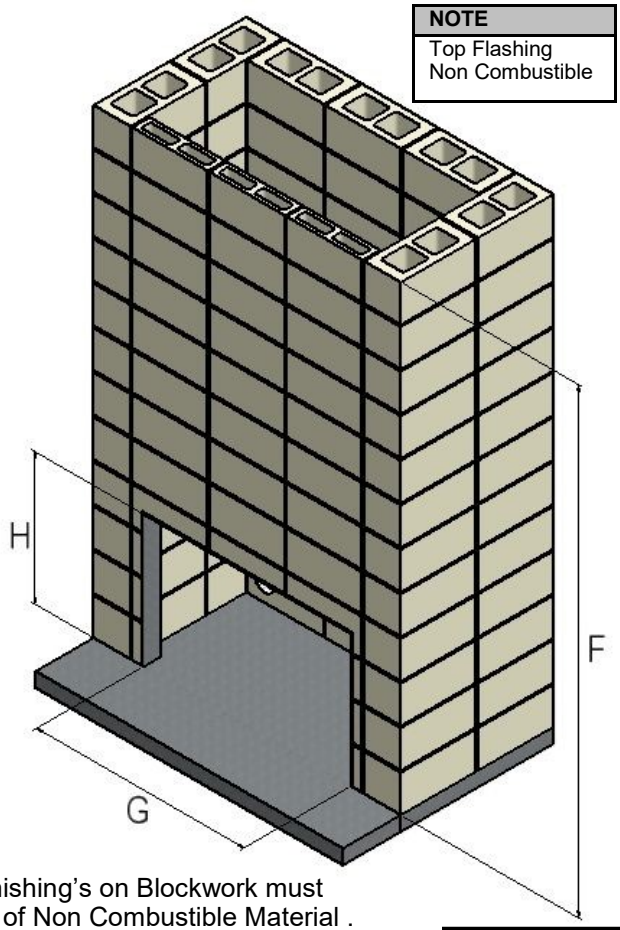
BLOCK ALCOVE & TRIM OUT DETAILS

Firebox		EG/SG 700	EG/SG 780	EG/SG 900	EG/SG 1100	EG/SG 1250	EG/SG 1500
Alcove Clearance Height	F	2400	2400	2400	2400	2400	2400
Window Width	G	870	950	1070	1270	1420	1575
Window Height	H	685	685	685	685	685	685
Heat Cell Clearance Depth	I	600	600	600	600	600	600
Heat Cell Clearance width	J	1210	1210	1210	1610	1610	1610
Heat Sensitive Zone	R	1700	1700	1700	1700	1700	1700

Important Note :

All Load Bearing Structures are to be Engineered to carry load .

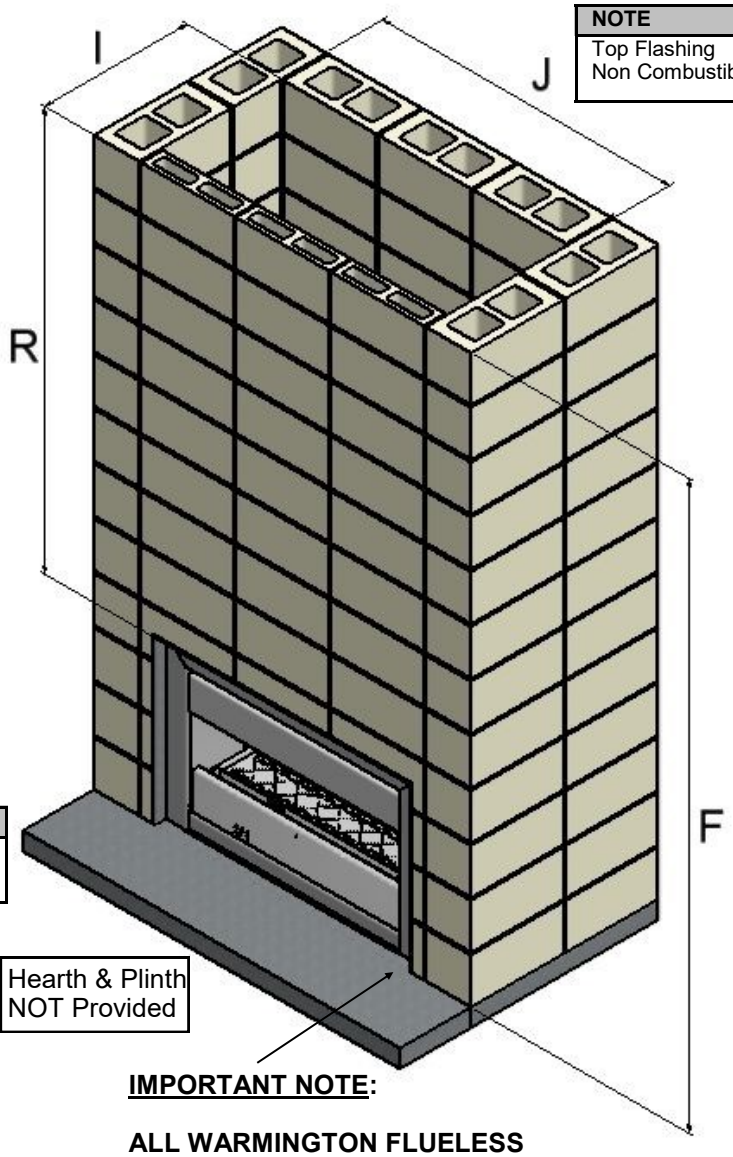
NOTE
Top Flashing
Non Combustible



Finishing's on Blockwork must be of Non Combustible Material .

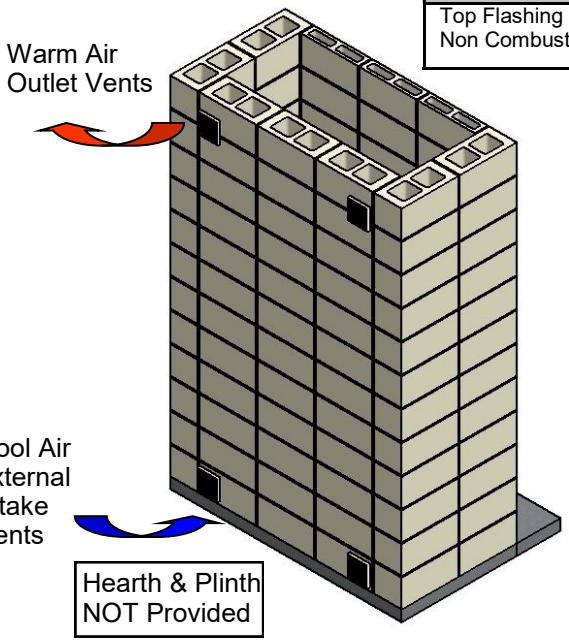
MINIMUM HEAT CELL BLOCK ALCOVE CLEARANCES

NOTE
Top Flashing
Non Combustible



Hearth & Plinth NOT Provided

NOTE
Top Flashing
Non Combustible



Hearth & Plinth NOT Provided

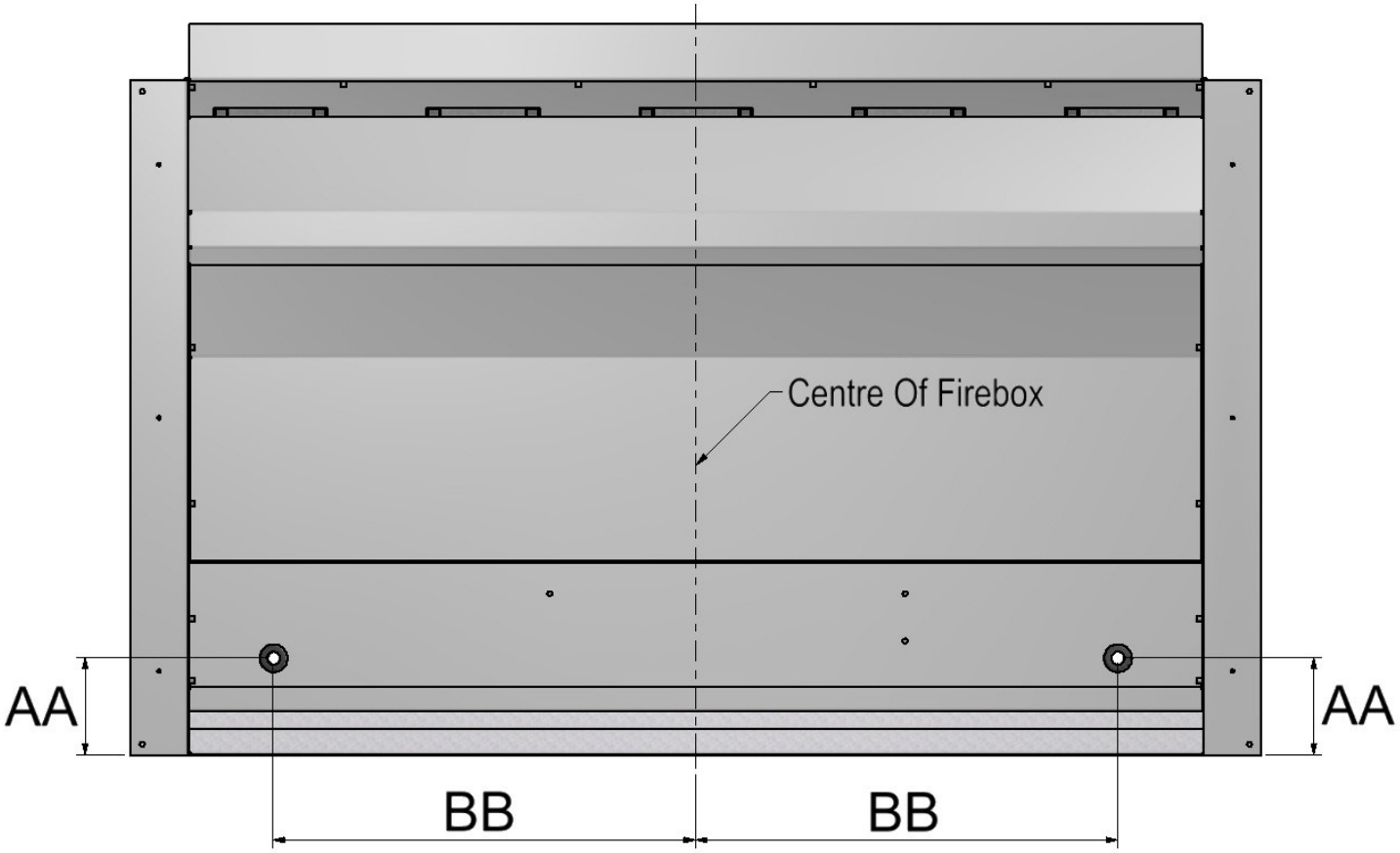
IMPORTANT NOTE:

ALL WARMINGTON FLUELESS GAS FIRES ARE TO BE REBATED INTO ITS ENCLOSURE 40mm IF EXPOSED TO DIRECT WEATH-ER .

Venting Cavity

Cavity must be Vented as low as possible and At the top to Allow Heat to Escape
2 x 100mm Dia. Vent Top & Bottom

GAS SUPPLY & ELECTRONICS LOCATION



Firebox		SG / EG 700	SG / EG 780	SG / EG 900	SG / EG 1100	SG / EG 1250	SG / EG 1500
From Base Of Firebox	**AA**	85	85	85	85	85	85
From Centre Of Firebox	**BB**	275	315	375	475	550	625

SG / EG Range: Gas Convection Fireplaces

TO THE INSTALLER / GAS FITTER & ELECTRICIAN

NOTES:

- Service annually or more if required.
- Custom built to clients requirements to relevant and current standards.
- The appliance and flue system must be installed in accordance with the relevant and current standards and the appropriate building codes.
- The appliance and flue system must be tested in accordance with the relevant and current standards and the appropriate building codes.

GAS TYPE All Gas Fires shall operate safely on the Gas Type specified on the Appliance and shall comply with the requirements of The Gas Act 1992 .

APPLIANCE SAFETY Any gas fire appliance shall comply with the safety requirements of the current standards listed under “Related documents” in this specification.

ELECTRICAL REQUIREMENTS All Gas Fire Appliances Installed with Mains Supplied Electrical components for associated use with these Appliances, must comply with The Electricity Regulations 1993.

ELECTRONIC CONTROL SYSTEMS Any Gas Fire Appliance Installed with Manual or Programmable Electronic Control System shall be tested and/or approved by a Recognised Person or Authority.

SEISMIC RESTRAINTS All Fires used for Domestic and Commercial Purposes shall be firmly secured (unless defined as portable or mobile) to prevent dislodgement from their point of fixture or Installation during Seismic Activity. Such Restraint must be of a reasonable expectation .

GAS CONNECTION

A Gas Certificate must be obtained for the Installation and Commissioning of this Appliance and Flue System . (If Required)

Check that the Gas Type Specified on the Data Plate is correct for the available supply (LPG or NG).

A Copper Gas supply capable of supplying the correct MJ/h , should be brought into the rear of the Installation Cavity through the hole provided . A Flare Nut is provided on the Burner for Gas Connection to the Appliance .

COMMISSIONING AND TESTING OF FIREPLACE - GENERAL INSTRUCTIONS (To be carried out by Gasfitter)

Read all the instructions before commissioning. Install coals and logs and burner before commission.

Light appliance and check HIGH/LOW settings. Check operation of appliance and adjust to suit.

Adjust control valve setting if required. After a period of running (30min Plus) check the setting of the pilot and adjust if required. See Spec’s for details.

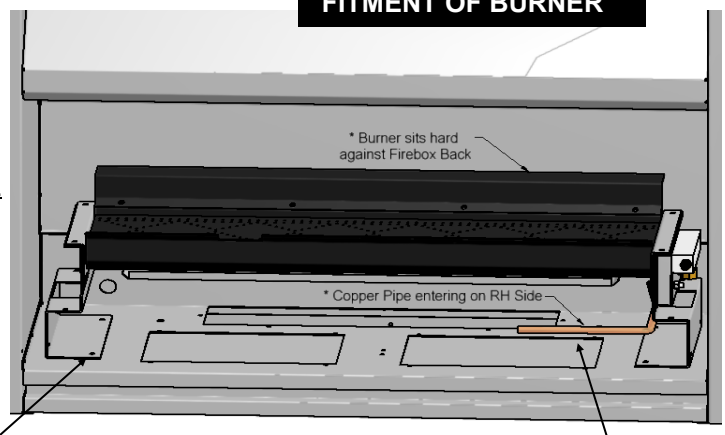
Extinguish appliance, remove test equipment and secure test nipple. Check for Gas Leaks.

Note* The Control Valves are factory set and should not require adjustment.

GAS FITTER TO CARRY OUT STANDARD TESTING FOR COMMISSION:

- **Leak testing appliance & joints**
- **Correct operation of the burner and coal and log lay out,**
- **Test gas pressures high and low, drop test on supply line,**
- **5 second light time across burner. Other testing that may be required.**
- **Ventilation requirements to the standards,**
- **Clean and or touch up paint of fire box and burner**
- **Hand over to client, tests and comply to relevant standards.**

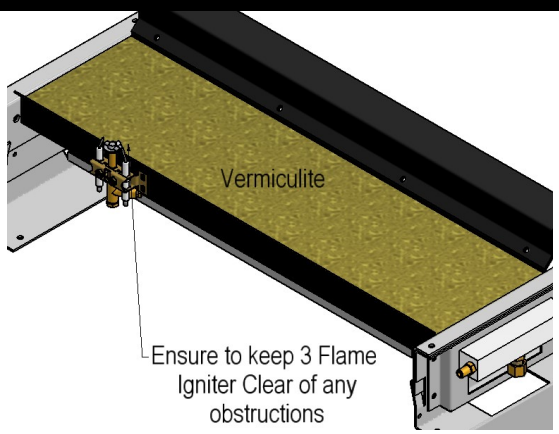
FITMENT OF BURNER



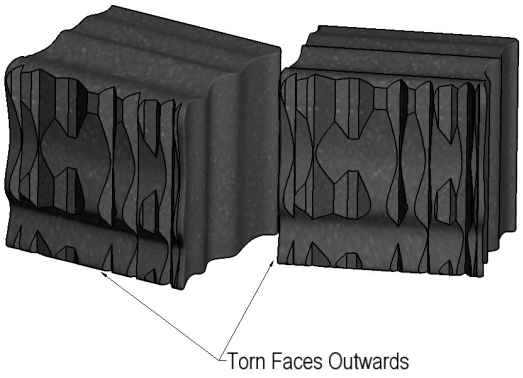
Burner may be Secured To the Firebox (Optional)

Gas Supply Pipe into Fire , by Gasfitter . See Spec’s for Pipe Sizes .

VERMICULITE (COURSE) (To be set by Gasfitter)



General Coal orientation for optimum effect.



APPLYING THE VERMICULITE : (Course—must be larger than the burner plates holes so not to block them)

Apply with care a thin layer of Vermiculite over the Burner, just enough to cover the Burner Tray only .

NOTE: If the burner flame is uneven, the Vermiculite may need to be changed or sifted to remove the smaller pieces that can block the burners holes. The smaller pieces can ,cause uneven burn and the unit to run dirty.

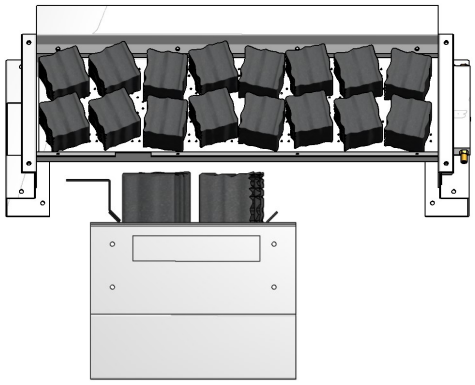
COALS AND LOGS (To be set by Gasfitter)

Gloves should be worn when handling Ceramic Fibre Coals & Logs : care needs to be taken when handling Coals & Logs , Due to the Carbon on the Coals can stain the surroundings.

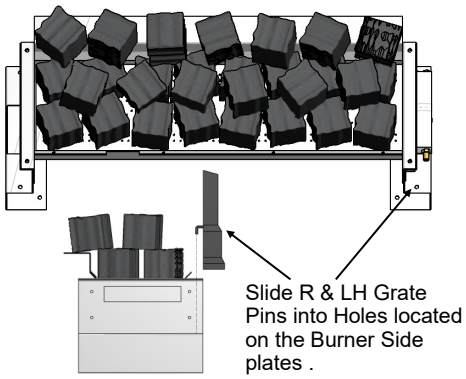
HELPFUL HINTS : When Hot use Metal Tongs.

Apply a thin layer of Vermiculite over the Burner , just enough to cover the Burner Tray only as shown above.

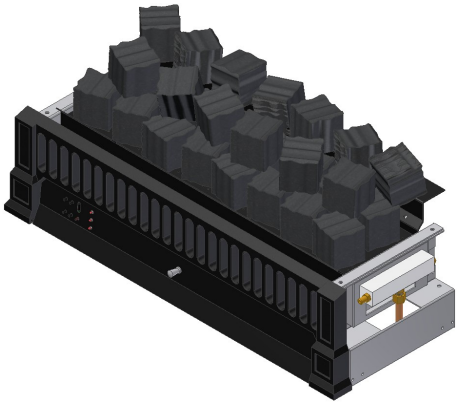
1 : Bottom Row : Assemble 2 Bottom Rows of Coals onto the Vermiculite Base . **2 : Top Row** : Assemble 2 Top Rows of Coals onto the Bottom Row .



1 : Bottom Row



2 : Top Row



Model SG780 Shown: Total number of coals will vary per model.

Each Coal randomly positioned with the Torn (roughest) Face Outward . **Ensure Coal positioning does not directly block the 3 Flame Pilot .**

The placement of the Coals & Logs may vary to make an even Flame Pattern .

Logs and Twigs may be scattered to achieve best Visual Effect .

Fit Burner Grate by sliding R & L Side Metal Pins on Grate, into Holes Located on Burner Side Plates , as shown below .

	Number of Coals per Row		Number of Rows		Total Coals
Model	**Bottom**	**Top**	**Bottom**	**Top**	**Total**
SG / EG 700	6	5	2	2	22
SG / EG 780	8	6	2	2	28
SG / EG 900	10	9	2	2	38
SG / EG 1100	11	10	2	2	42
SG / EG 1250	16	14	2	2	60
SG / EG 1500	19	16	2	2	70

FASCIA KIT (Black or Stainless Steel)

Locate the three self-tapping screws provided into the under-side of the top ledge of the firebox

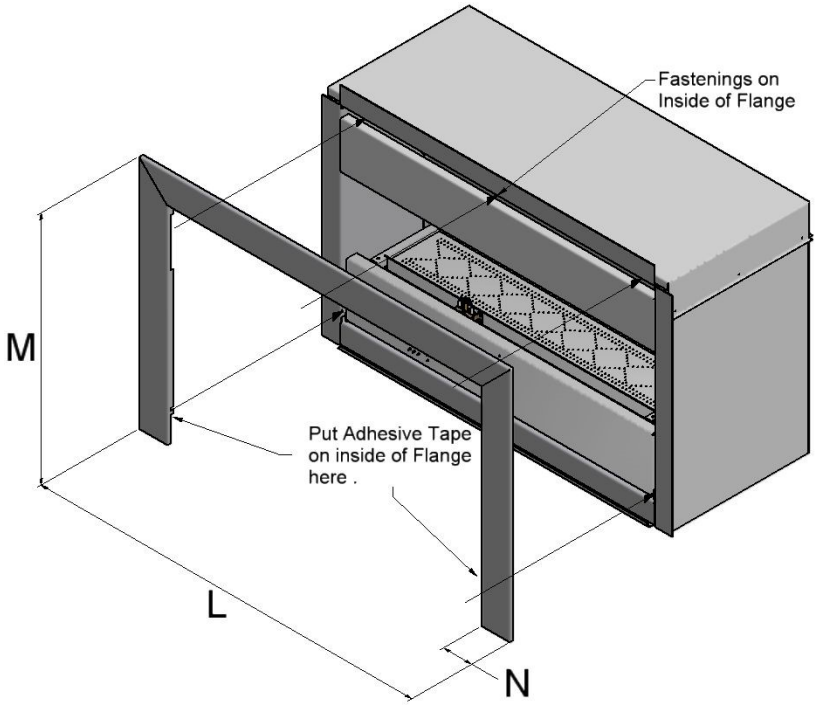
Remove the backing tape from the adhesive Velcro pads at the bottom of each fascia side

Offer the fascia into position locating the three screws into their associated slots - tighten screws

Apply firm pressure to the bottom edges to bond the Velcro tape

The fascia may be removed at any time by loosening the screws and parting the Velcro

Please refer to additional sheet for Burner Ratings and Frame-out details.



Note:

Fascia is fitted at the end of the installation process and may be after the wall and surroundings have been completed.

OPERATION OF YOUR WARMINGTON GAS CONVECTION FIRE (SG ONLY)

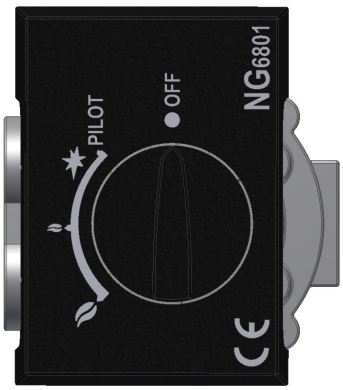
Your Fire must be Installed and Tested by a suitably qualified Gasfitter prior to use.

To light :

- Open the front cover by pulling in outwards.
- Push in the ignition control switch and hold in the **'PILOT'** position for 5-10 seconds until you can hear the gas come through the pipe – making sure the ignition switch is pressed in firmly.
- To strike the igniter, turn anti clockwise to the * **STAR** position (with the ignition switch still firmly pressed in) until you hear the pilot ignite with a 'click'. Repeat this process 2 or 3 times if necessary.
- Once the pilot flame is lit, hold this position for 3-5 seconds, then gently let the ignition switch out, and set the flame control to high. It may take a few seconds for the burner to light all the way across.
- Once the flame is established, adjust to the desired setting and close the cover.

To shut down :

- Open the cover by pulling it outwards.
- Turn the control ignition switch to **'PILOT'** and the flame bed will extinguish.
- Pilot light may be left on and the pilot flame will still burn.
- To fully extinguish, turn to the **'OFF'** position before closing the cover.



ADJUSTMENT OF HI—LOW PRESSURE (SG ONLY) (Only to be Adjusted by Gasfitter)

Adjustment of High & Low Settings Must be Carried out by a Certified Gas Fitter Only .

Note* Control Valves are Factory Set but may require adjustment onsite .

Turn Appliance Off & Remove Front Plastic Cover on Igniter , Pull Cover to Slide off .

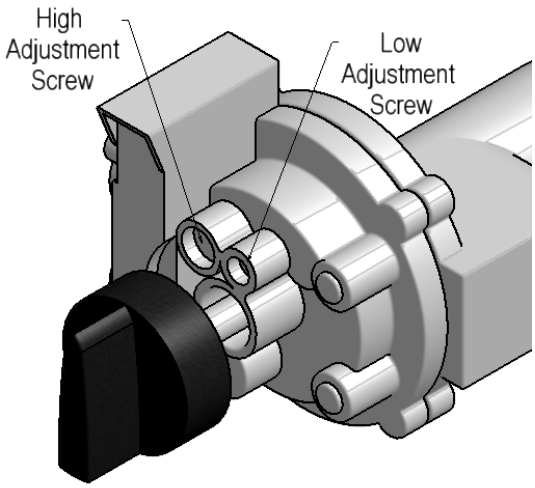
Unscrew Test Nipple on the Burner Manifold & fit the Test Gauge Securely - See Diagram

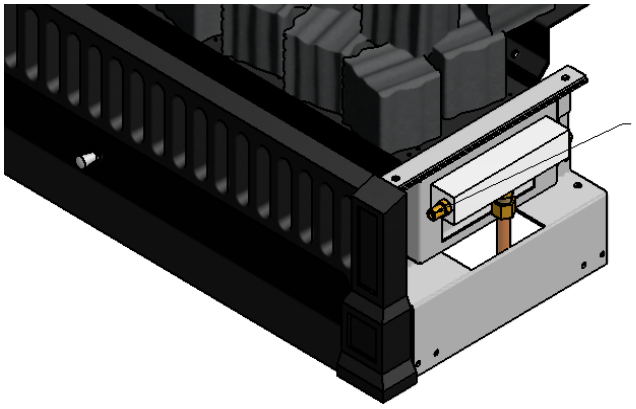
* To Set the High : Light the Burner & turn to High - Then Adjust the High Screw to the Desired Pressure . See Spec's

* To Set the Low : Light the Burner & turn to Low - Then Adjust the Low Screw to the Desired Pressure . See Spec's

Extinguish Appliance, remove Test Equipment and Secure Test Nipple .

* Check Valve & Burner for Correct Operation & check Fire for Gas Leaks .





Gas Test Nipple for SG / EG Fires

Note : Location of the Test Nipple - may vary from Model to Model

ADJUSTMENT OF THE PILOT—3 FLAME (BOTH SG / EG) (Only to be Adjusted by Gasfitter)

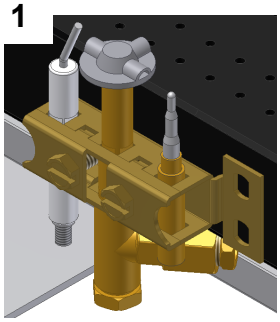
Note: When the Base screw is removed, gas will leak from the out let, ensure that the pilot is not adjusted or the screw is removed when the fire is burning.

- Adjustment of Pilot - 3 Flame : Unscrew Base Screw as shown in Diagram 2 .
- Insert a Screw Driver as shown in Diagram 3 and adjust the Adjustment Screw up inside the 3 Flame Pilot to adjust the Flame Height .
- The Flame must always be passing over the Electrodes &/or File Tube on either side .
- Replace the Base screw and check for leaks.

Note: to Gas Fitters

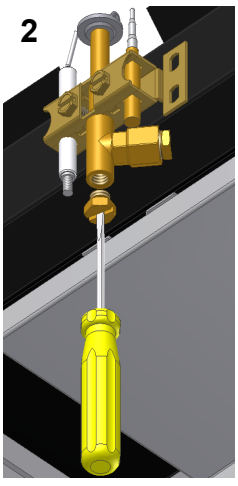
The 3 flame pilot may need adjustment after a period of running time on set up as the increase in heat in the fire will induce a higher draft in the fire, and may pull in flame away from the File Tube causing the fire to shut down.

1

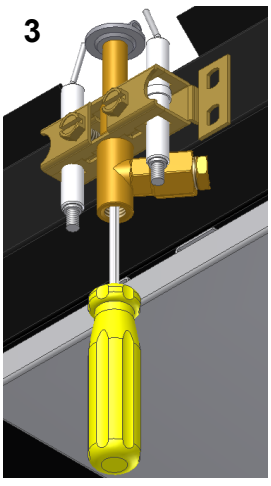


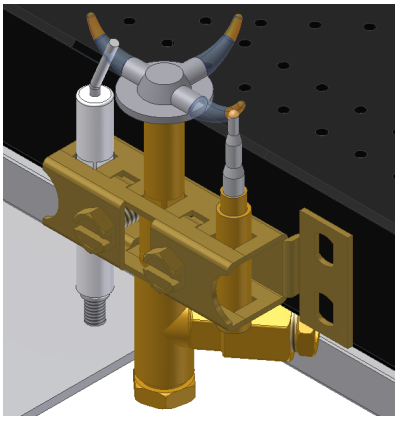
3 Flame Pilot in Assembled State

2



3





Correct Operation of 3 Flame Pilot

POINTS OF SAFTEY—To the Customer /Home-Owner

Your Warmington Gas Decorative Fire operates on the principle of dual radiant and convected heat. Therefore it is important to observe the following precautions associated with any heating appliance or open fire.

- Do not cover or restrict the fireplace upper or lower vents in any way as this may result in a build-up of hazardous gases within the room.
- The fire is not intended for the drying of clothing, bedding etc.
- Avoid installing this appliance in high traffic areas, strong draughts or near drapes or furniture.
- The use of an approved fireguard is recommended for the protection of young children.
- Avoid using aerosols when the appliance is operating.
- Avoid anyone leaning against or lying directly in front of the fire while operating.
- Do not place anything objects into or against the gas fire at any stage.
- The fire may release a small amount of smoke on its first start up which may take 1or 2 hours to dissipate . This is part of the curing process so ensure there is adequate ventilation within the room.
- Always use a registered Gas Fitter or Electrician for installing and maintenance work
- Always use certified gas cylinders that have been tested and are safe to use.
- Never modify your gas appliance or its settings from those specified by the manufacturer.

APPLIANCE SAFETY Any gas fire appliance shall comply with the safety requirements of the current standards listed under “Related documents” in this specification.

ELECTRONIC CONTROL SYSTEMS Any gas fire appliance fitted with manual or programmable electronic control systems shall be tested and/or approved by a recognised person or authority.

SEISMIC RESTRAINTS All gas fires used for domestic and commercial purposes shall be firmly secured (unless defined as portable or mobile) to prevent dislodgement from their point of fixture or installation during seismic activity. Such restraint

WHAT DO YOU DO IF YOU SMELL GAS

Open windows and doors

Do not light any gas appliance

Do not use any electrical appliance or switches

Do not use the telephone in your home

Leave the building; shut off the domestic gas supply valve (beside your meter)

Call your gas supplier/gas fitter or the Fire Service for further advice.

MAINTENANCE : All burner setting, Coals placement, Vermiculite is to be checked and set in accordance with this specification by the service person/Gas fitter

**Lighting your gas fire using electronic or remote ignition systems may vary as per manufacturer instructions*

Warmington Industries recommend annual servicing of your gas fire by an approved Warmington dealer Gas Fitter.

External surfaces should be dusted with a damp, lint-free cloth when the fire is cold.

Warmington Industries provide 12 months warranty from the date of purchase, for domestic or commercial installations

This Warranty Covers:

Replacement Parts and Labour for Gas Control Components due to Manufacturing Defects Only.

Repair or Replacement of the Burner or Firebox Components due to Manufacturing Defects Only.

Warranty cover will be considered void if the product is subject to incorrect installation, failure to operate the appliance in accordance with the supplied instructions and specifications or is subject to damage or misuse beyond the expected conditions of normal use.

All installations and servicing must be carried out by and approved Warmington dealer or Gas Fitter.

ON-OFF ELECTRONIC CONTROL VALVE

Note: Any alterations to pressure are to be carried out by a certified gasfitter

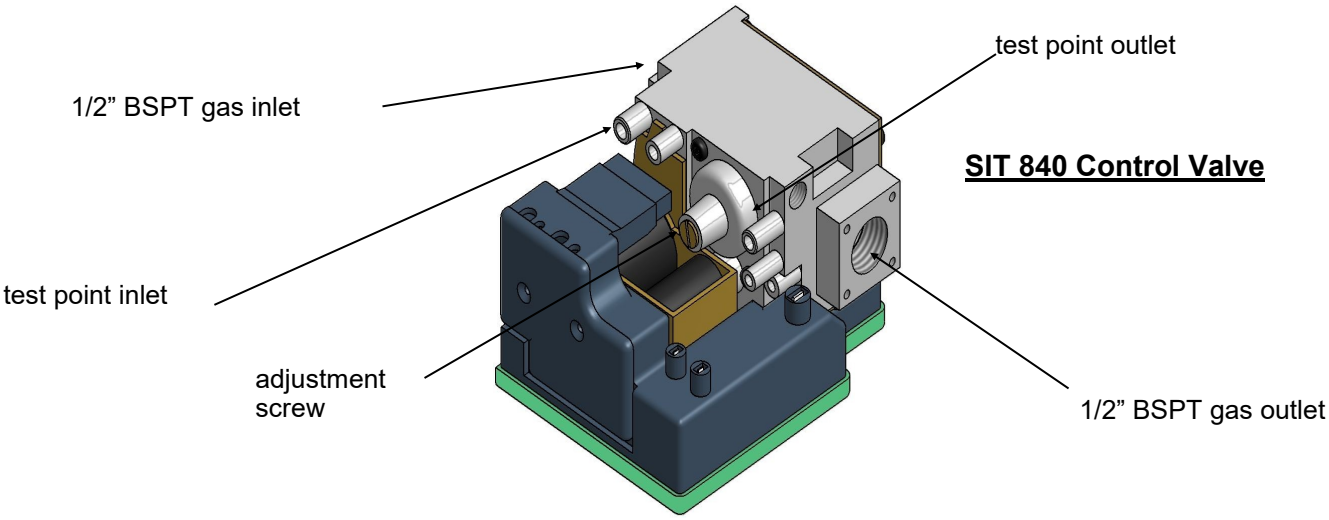
- Light appliance and check the pressure to the hi kPa value in the table for maximum output.
- If adjustments are necessary, remove the dust cap on the control value. The pressure adjustment screw is on the front side of the gas control valve and is factory set.

WARNING: Ensure that the dust cap is replaced after adjustment.

Pressure Setting:

- Turn the burner on with the switch and wait for full ignition. Using a standard screwdriver, screw the adjusting screw clockwise to increase the outlet pressure, or screw counter clockwise to decrease the pressure to the desired settings.
- Set the pressure to the hi kPa value in the table for maximum output.

Modulator Harness Connections

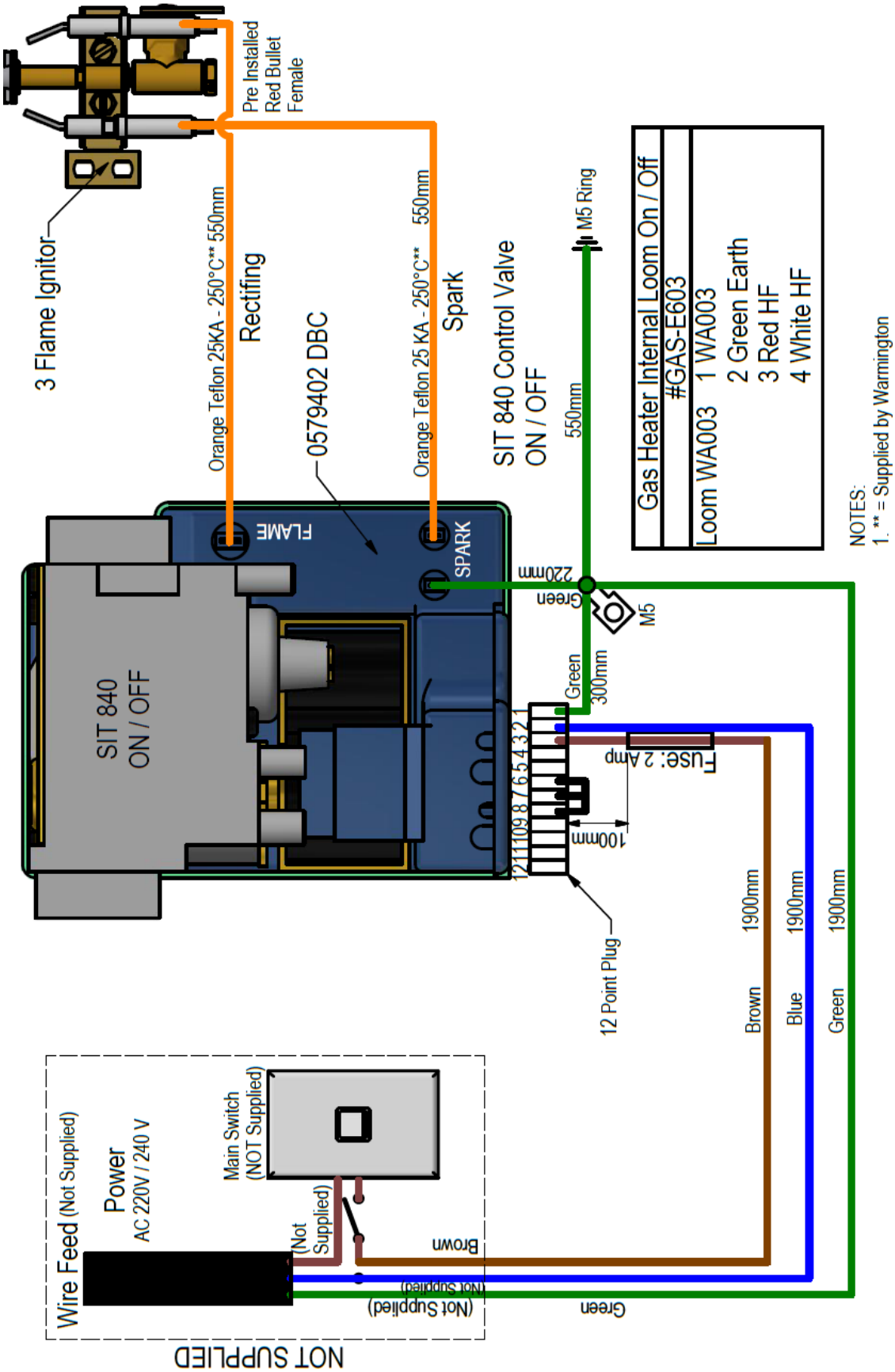


- After checking the pressure, turn the unit off, remove manometer from the test point and tighten the test point screw. Ensure to check for gas leaks.
- Turn the appliance on and off a few times to check ignition.
- When satisfied that the appliance is working correctly, fit the front panel assembly back to the gas burner.

Note : Ensure you peel the protective plastic coating from any stainless steel components if fitted.

- All burner aerations are factory preset and cannot be adjusted.
- If you are unable to get the unit to operate correctly, refer to troubleshooting before contacting your Local Service Contact.
- It may take approximately 2 hours of operation for the coals/logs or river rocks to achieve their full flame pattern and glow.
- During the initial burn period, some smoke and smell may be experienced. Because of this, run the appliance on the high position in a well ventilated room until these dissipate.

ON/OFF SWITCH (SIT 840) - WIRING DIAGRAM



ON-OFF-HIGH-LOW ELECTRONIC CONTROL VALVE

Note: Any alterations to pressure is to be carried out by a Certified Gas Fitter.

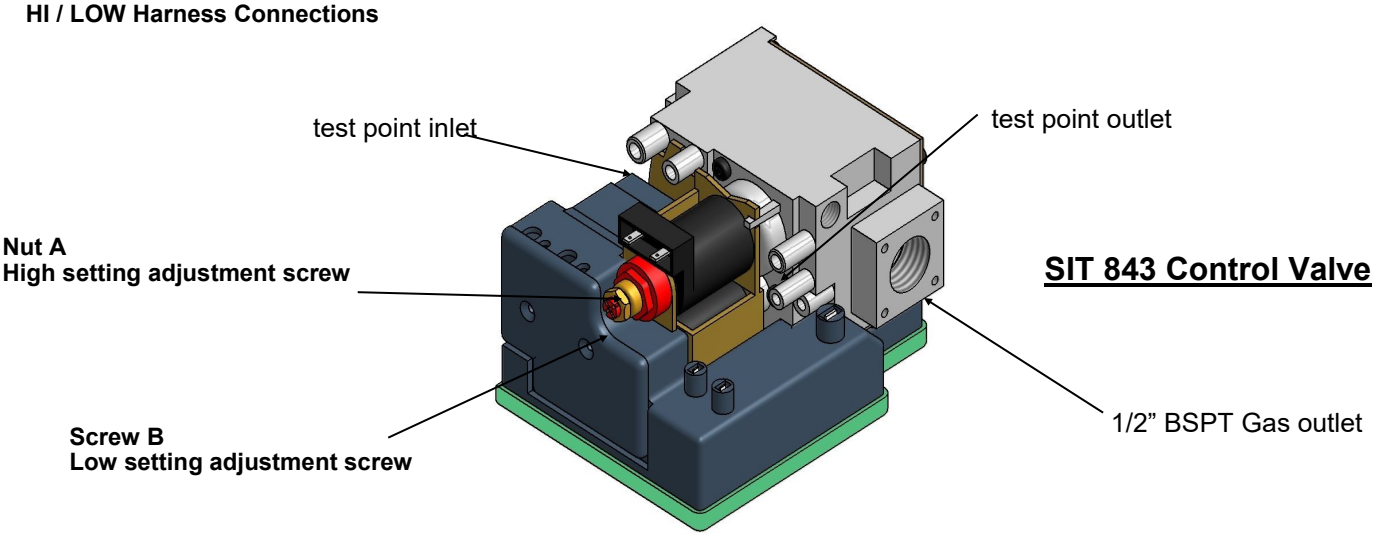
- Light appliance and check the pressure to the high and low kPa values in the gas specification table.
- If adjustments are necessary, remove the dust cap on the control value. The pressure adjustment screw is on the front side of the gas control valve and is factory set.

WARNING: Ensure that the dust cap is replaced after adjustment.

Pressure Setting:

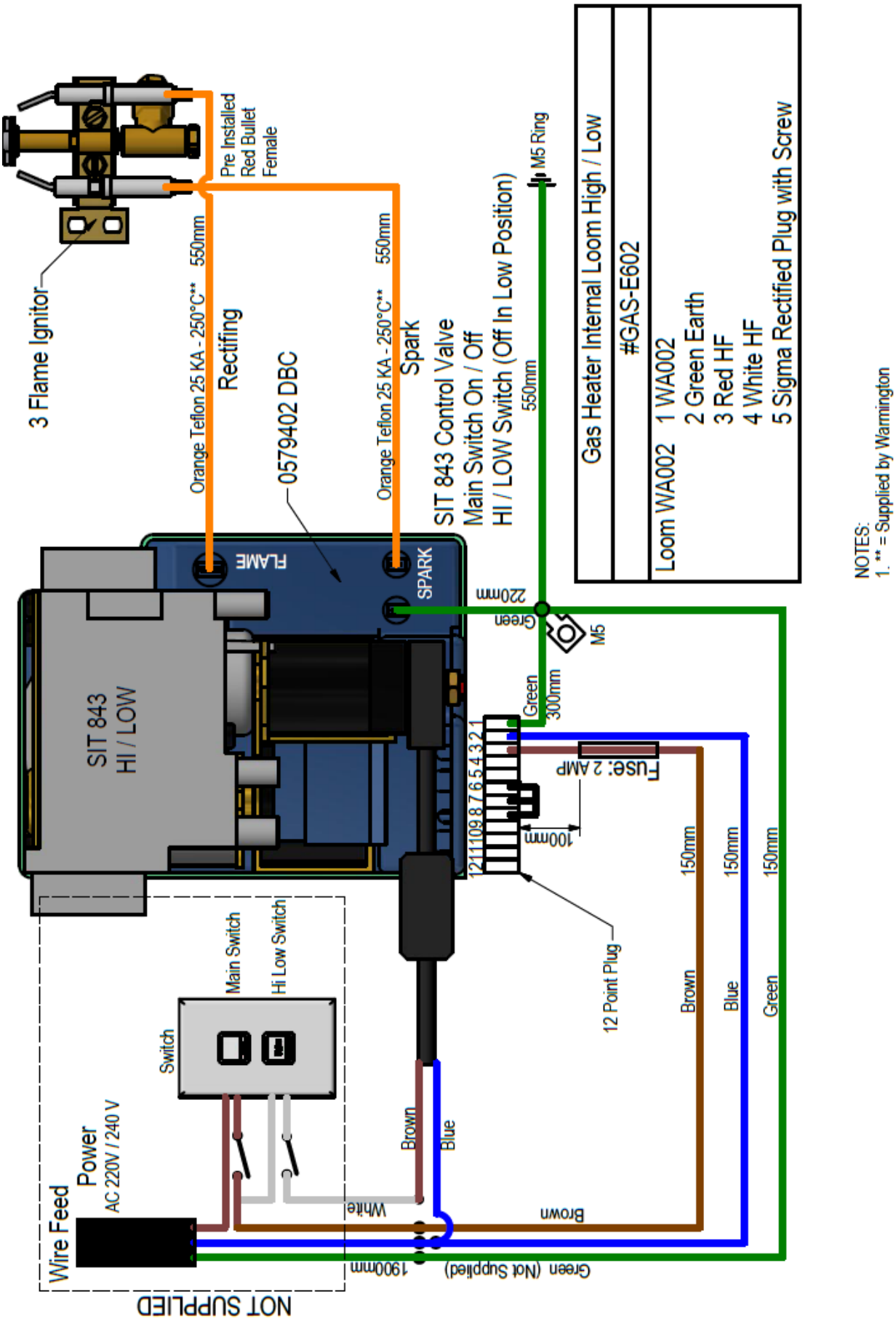
- Turn the burner on with the switch and wait for full ignition.
- If adjustments are necessary, remove the cap . The Pressure Adjustment Screw and Nut are on the Front Side of the Gas Control Valve (shown in diagram **below**) and are **Factory** set.
- **High Pressure Setting**: Set the Burner to High with the switch. Screw in **Nut A** to Increase the Outlet Pressure then screw Nut A out to Decrease the Pressure to the desired settings . Use 10mm spanner.
- **Low Pressure Setting:** Set the Burner to Low with the switch - See Wiring Diagram) and, keep Nut A stationary . Use a screwdriver to screw in **Screw B** to Increase the Pressure and Screw it Out to Decrease the Pressure . Carefully replace the Modulator Plastic Cap.
- Set the pressure to the hi kPa value in the table for maximum output. The burner will operate any pressure between the hi and the low pressures.

HI / LOW Harness Connections



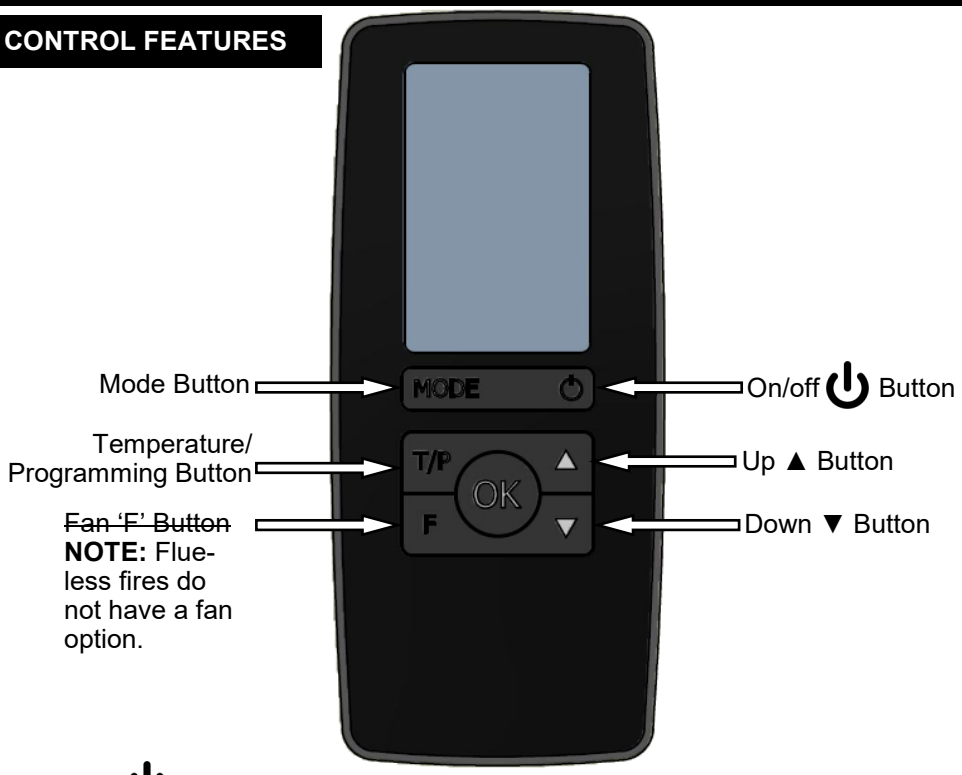
- After checking the pressure, turn the unit off, remove manometer from the test point and tighten the test point screw. Ensure to check for gas leaks.
- Ensure power is off & reconnect modulator harness connection in the main harness.
- Turn the appliance on and off a few times to check ignition.
- When satisfied that the appliance is working correctly, fit the front panel assembly back to the gas burner.
- Note: Ensure you peel the protective plastic coating from any stainless steel components if fitted.
- All burner Aerations are factory preset and cannot be adjusted.
- If you are unable to get the unit to operate correctly, refer to troubleshooting before contacting your local service contact.
- It may take approximately 2 hours of operation for the coals/logs or river rocks to achieve their full flame pattern and glow.
- During the initial burn period, some smoke and smell may be experienced. Because of this, run the appliance on the high position in a well ventilated room until fumes dissipate.

HIGH/LOW SWITCH (SIT 845) - WIRING DIAGRAM



OPERATION OF YOUR REMOTE CONTROLED EG GAS BURNER (SIT 845 valve)

REMOTE CONTROL FEATURES



Press and release the ⏻ button to turn the remote on and off.

SETTING THE DAY OF THE WEEK AND TIME

With the remote off, press and hold the 'T/P' button for 2 seconds or longer to initiate programming the time. The Time, Hour setting and AM/PM will flash.
Setting the hour function: Press and release the ▲ or ▼ button to increase or decrease the hour setting by 1 hour. Please ensure that AM/PM is set correctly. Press 'OK' to accept. The minute digits will begin to flash.
Setting the minute function: Press and release, the ▲ or ▼ button to increase or decrease the minute setting by 1 minute. Press and hold the ▲ or ▼ button for 2 seconds or longer to increase or decrease the minute setting by 1 minute every 0.5 seconds. Press 'OK' to accept. The days of the week will begin to flash.
Setting the day of the week function: Press and release the ▲ or ▼ button to change the day of the week to the following or previous day. Press and hold the ▲ or ▼ button for 2 seconds or longer to increase or decrease the day of the week by 1 day every 0.5 seconds. Press 'OK' to complete setting.
The time and day of the week is now set.

USING THE VARIOUS MODES

While the remote is switched on, pressing and releasing the MODE button will cycle between all available modes. These are:
Manual Mode→Auto Mode→Flame Mode→Manual Mode
Manual mode
Manual mode does not require that the time and day of the week to be set. Press the ▲ or ▼ button to increase or decrease the temperature as desired.
Automatic mode
The automatic mode allows the temperature to be regulated according to a programmed level and time. At any time, the temperature may be adjusted up or down. However, whenever the remote changes to a new time period, the temperature will be set automatically according to that period's setting.

Flame Mode
In Flame mode the flame level is selected as required, and remains at the selected level. A change in the temperature will not change the flame level. Press the ▲ or ▼ button to increase or decrease the Flame level desired.

Programming for Auto Mode
Each day of the week can be programmed individually for 4 periods P1, P2, P3 and P4, making a total of 28 programmed periods. Alternatively, a weekday program can be set, so the same program is used for Monday-Friday. Similarly, a weekend program can be set for Saturday-Sunday. The entire week can also have the same program. Alternatively, a weekday or weekend program can be set with individual programs for the remaining days.

The suggested period settings for each day/s are:
Period 1 - morning
Period 2 - daytime
Period 3 - evening
Period 4 - night-time
Entering programming mode:
With the remote off, Press and hold the 'T/P' button for 2 seconds or longer then release, followed by another press and release of the 'T/P' button. If successful, the LCD will display 'Pd' at the top, and the word PROG at the bottom. The time at which the remote is currently set, and MO will flash.
Select which day/s to program. You must choose which day/s of the week you wish to program. Press and release the ▲ or ▼ button to change the day of the week to the following or previous day. Press and hold the ▲ or ▼ button for 2 seconds or longer to increase or decrease the day of the week by 1 day every 0.5 seconds. The order that you can scroll through the days is as follows:
MO→TU→WE→TH→FR→ 'MO TU WE TH FR' → SA → SU → 'SU SA' → 'MO TU WE TH FR SA SU'
To accept the selected day/s of the week press 'OK'.

First period's start time. The display will indicate 'P1' on the top. The Hour and AM/PM settings will now flash.
To set the P1 starting time:
Press and release the ▲ or ▼ button to increase or decrease the hour setting. Press and hold the ▲ or ▼ button for 2 seconds or longer to increase or decrease the hour setting by 1 hour every 0.5 seconds. Please ensure that AM/PM is set correctly. Press 'OK' to accept. The Minute setting will now flash.
Adjust the minute setting:
Press and release the ▲ or ▼ buttons to increase or decrease the minute setting. Press 'OK' to accept. Setting the temperature. The Set Temperature setting will now flash.
Adjust the desired set temperature:
Press and release the ▲ or ▼ button to increase or decrease the temperature setting by 1 °C. Press and hold the ▲ or ▼ button for 2 seconds or longer to increase or decrease the temperature setting by 1°C every 0.5 seconds. Press 'OK' to accept. Period 1 is now set for the day/s of the week that you have chosen. The LCD will display 'P2' to indicate that Period 2 can now be set for the same day/s of the week. Repeat the programming process for periods 2, 3 and 4. After program 4 is set, press 'OK' and the program for the selected day/s will be set. Repeat the programming process for any other periods/days that are required.

Restore factory default settings
With the remote off, press the following sequence of buttons: 'F', 'T/P', 'T/P' again, ▼. If done correctly, the icon 'rE' will be indicated on the LCD.

Teaching RF remote ID code to control unit
CAUTION: The remote has already been programmed with a unique code. Do not attempt to teach the RF Remote ID code unless instructed by the manufacturer. With the remote off, press the following sequence of buttons: 'F', 'T/P', 'T/P' again, ▲. The LCD display will show 'LC' (Learn Code) for 2 seconds then return to the normal OFF state display. During this time a special code will be transmitted by the RF Remote to the Control Unit, causing the Control Unit to learn its ID.

APP OPERATION

The app can be used both on iOS and Android devices they can be downloaded here:

Apple Store: https://apps.apple.com/jm/app/intelligy-thermostat-mkii/id1327577138
Google Play Store: https://play.google.com/store/apps/details?id=com.millec.intelligythermostatmkii

For instructions on how to push the appliance to your Wi-Fi, please go to the Warmington website and find details located under the 'Downloads' tab for your fireplace model.

The app has both manual control and automatic controls.

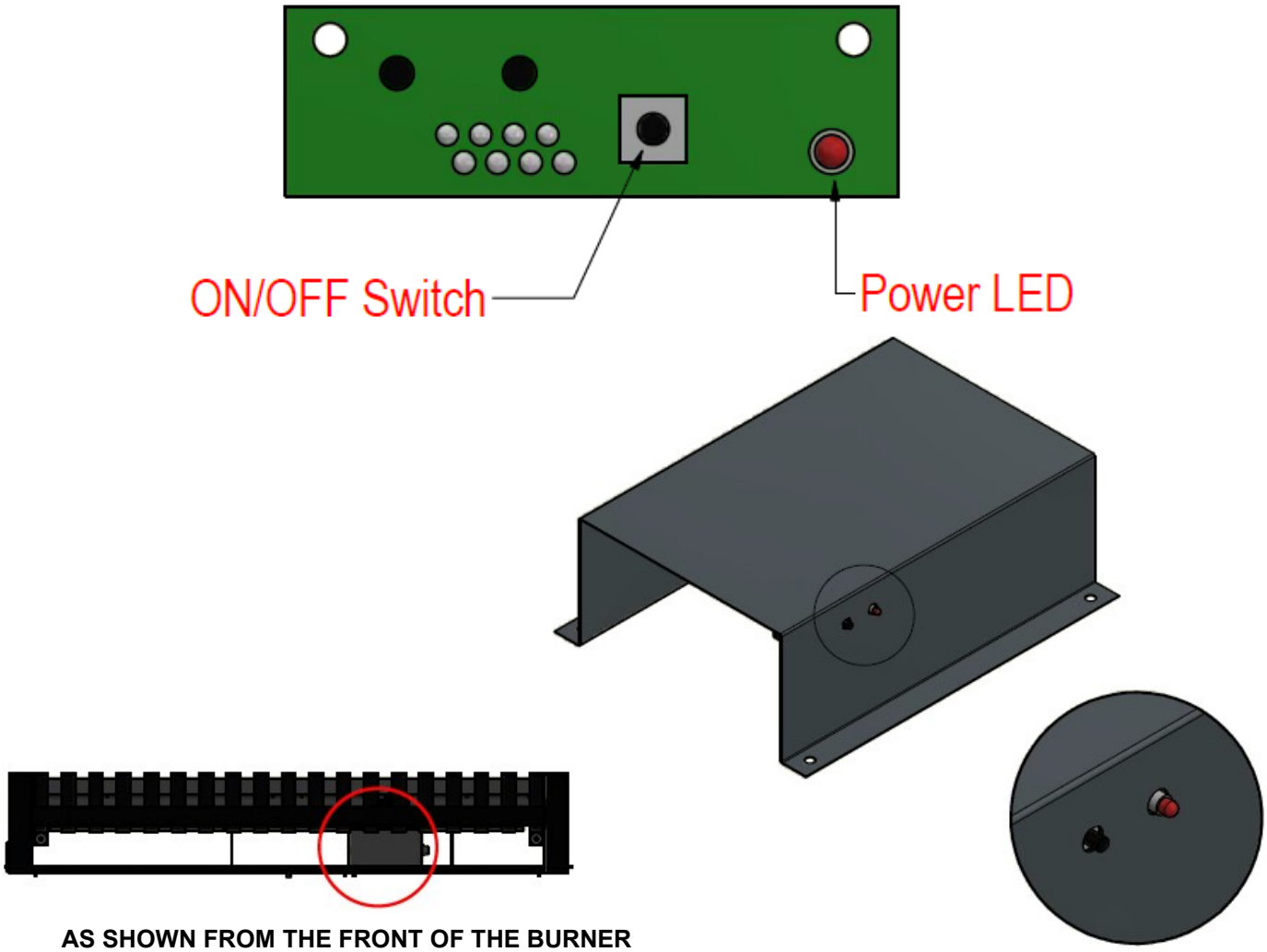
In manual control you can adjust the flame height by touching the < and > symbols next to the flame icon.

In automatic control you can adjust the desired room temperature by touching the < and > symbols next to the temperature.

Manual

Automatic

MANUAL ON/OFF SWITCH



AS SHOWN FROM THE FRONT OF THE BURNER

The switch is located behind the grate on the control valve heat shield as shown above.

Press and release the power button. This will start the electronic spark and the power LED will be on permanently. The pilot will ignite first and once this is on, it will ignite the main burner. Pressing and releasing the power button again will switch off the appliance.

When the appliance is turned on, the gas fire will be set to medium flame setting.

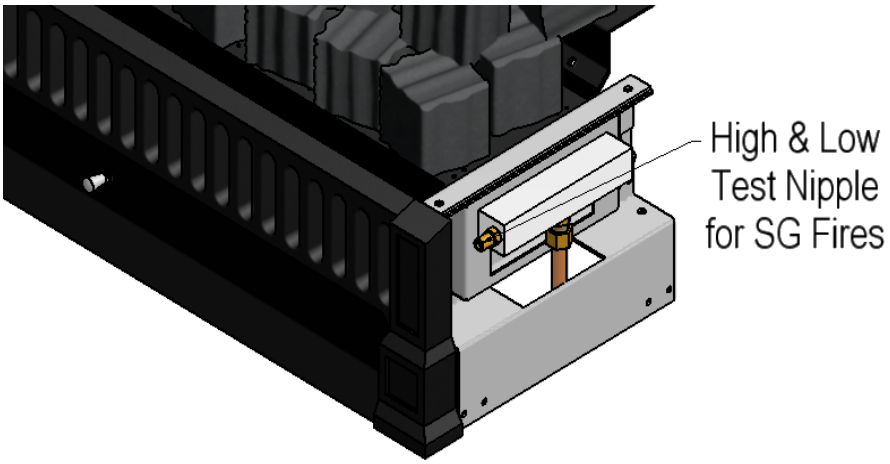
If the gas fails to light, the appliance will go into lock out mode. To start the appliance again turn appliance off and wait 3 minutes before turning it on.

Please note that the power button is for use when the remote controller is lost or damaged and can't be used. This controller can not adjust flame height, hence is supplied for emergency use, if remote and phone App is not able to be used.

PROCEDURE FOR THE TEST AND COMISSIONING OF YOUR DECORATIVE FIRE

Ensure Gas Supply and the Power Supply (caution 240V) to the Unit

- Refer to Data Plate on this specification for settings. The Data plate is attached to the under carriage of the Burner.
- Remove front grate.
- Loosen the Jet test point and attach manometer (digital is preferred). The test point is on the right hand side of the gas burner, as shown below:



Note : Location of the Test Nipple - may vary from Model to Model

- Light appliance, adjust to high flame setting and check pressure, adjust to low flame and check pressure.

NOTE: Any alterations to pressure is to be carried out by a Certified Gasfitter

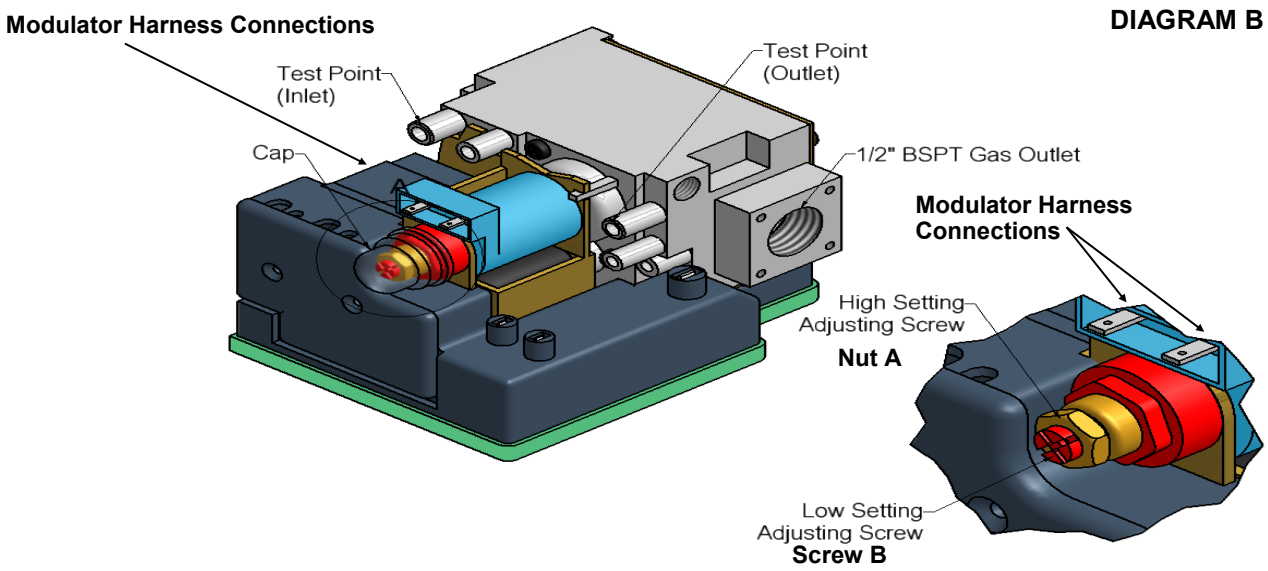
- If adjustments are necessary, remove the cap. The Pressure Adjustment screw and nut are on the front side of the Gas Control Valve (shown in diagram **B** in this specification) and are **factory** set.

High Pressure Setting: Set the modulator to maximum condition. Screw in **Nut A** to increase the outlet pressure then screw nut A out to decrease the pressure to the desired settings. Use 10mm spanner.

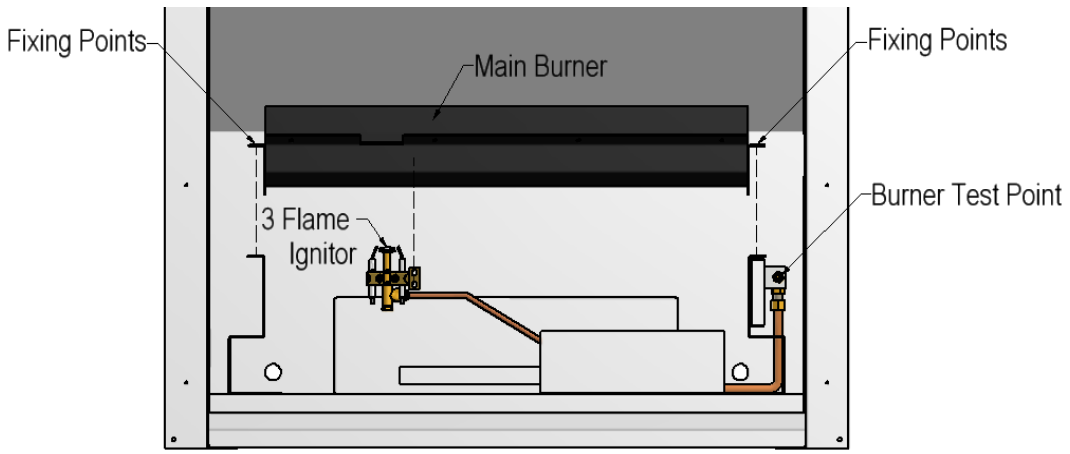
Low Pressure Setting: Turn off the power to the modulator (by disconnecting the modulator harness connection at the valve - see wiring) and keep nut A stationary. Use a screwdriver to screw in **Screw B** to increase the pressure and screw it out to decrease the pressure. Carefully replace the modulator plastic cap.

WARNING: To ensure the correct operation of the modulator it is necessary that the plastic cap is returned to its original location.

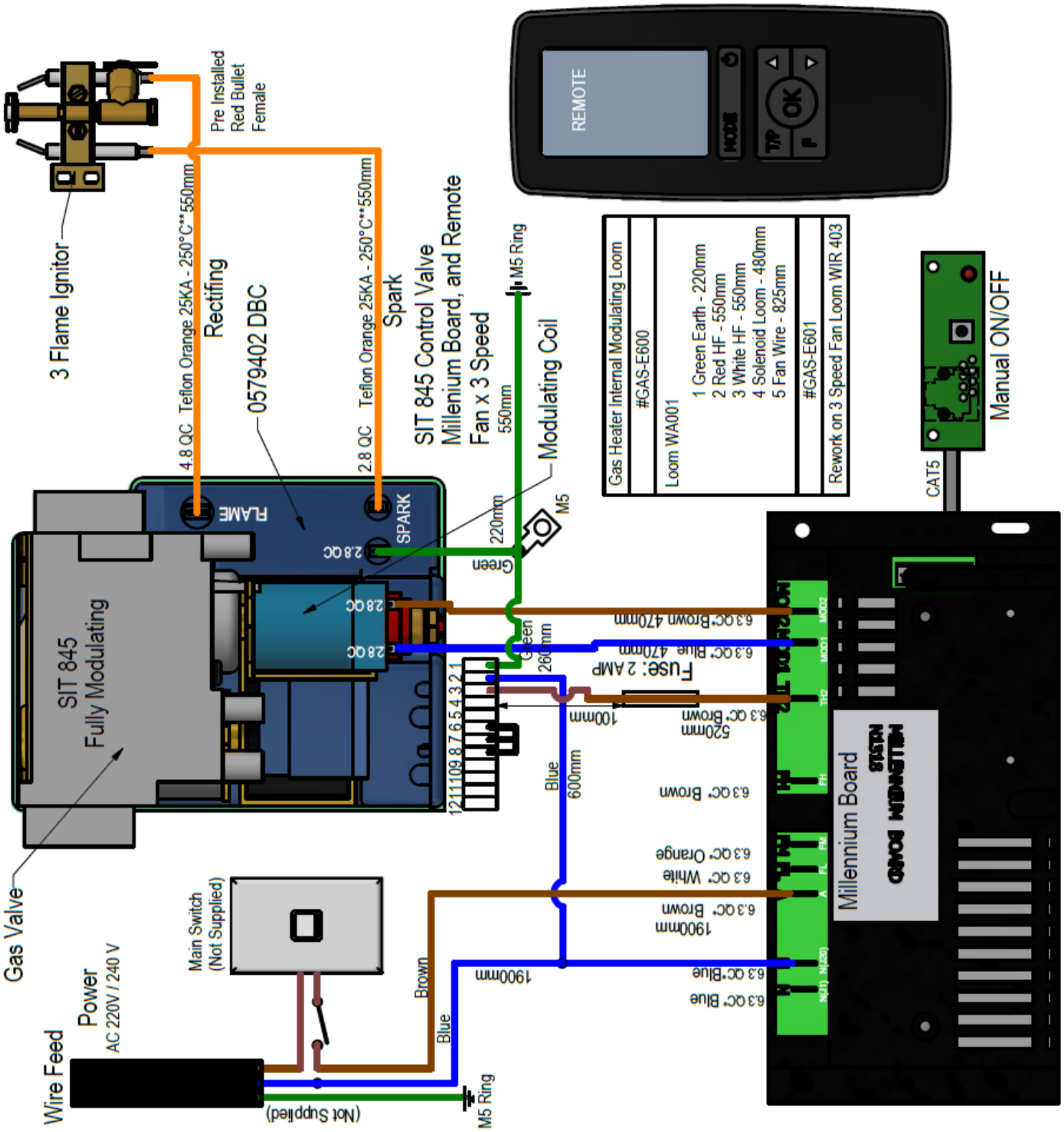
DIAGRAM B (SHOWING CONTROL VALVE WITH TEST POINTS AND ADJUSTING SCREW).



- After checking the pressure, turn the unit off, remove Manometer from the Test Point and Tighten the Test Point Screw. Ensure to check for gas leaks.
- Ensure Power is Off & Reconnect Modulator Harness Connection in the Main Harness. See Diagram B Above .
- Turn the Appliance On and Off a few times to check ignition.
- When you are satisfied that the Appliance is working correctly , fit the Front Panel Assembly back to the Gas Burner.
- NOTE : Ensure you peel the Protective Plastic Coating from any Stainless Steel components if fitted.
- All Burner Aerations are Factory Preset and cannot be adjusted.
- If you are unable to get the unit to operate correctly, refer to troubleshooting before contacting your Local Service Contact as listed.
- It may take approximately 2 hours of operation for the coals/Logs or river rocks to achieve their full flame pattern and glow.
- During the Initial Burning in period, some smoke and smell may be experienced , the appliance should be run on the high position in a well ventilated room until these dissipate .



FULLY MODULATING (SIT 845) - WIRING DIAGRAM



GENERAL NOTES

NOTES:

- These installation and operating instructions should be kept in a safe place. Should you require another copy, download from the **Warmington** website www.warmington.co.nz
- This appliance must be installed in accordance with the manufacturer's written instructions to comply with the **Warmington** warranty.
- The appliance and flue system must be installed in accordance with relevant standards and the appropriate building codes.
- This appliance must be serviced annually and any service operation must be carried out by a qualified service person.

WARNINGS:

- **WARNING; ANY MODIFICATION OF THE APPLIANCE THAT HAS NOT BEEN APPROVED IN WRITING BY THE TESTING AUTHORITY IS CONSIDERED A BREACH OF NZ STANDARDS.**
- **WARNING; DO NOT USE OR STORE FLAMMABLE LIQUIDS OR AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILST IN OPERATION.**
- **WARNING; DO NOT PLACE FLAMMABLE MATERIALS ON OR AGAINST THIS APPLIANCE.**
- **CAUTION**: THIS APPLIANCE SHOULD BE MAINTAINED AND OPERATED AT ALL TIMES IN ACCORDANCE WITH THESE INSTRUCTIONS.
- **CAUTION:** ALL SERVICING MUST BE CARRIED OUT BY AN AUTHORISED SERVICE TECHNICIAN.
- **CAUTION:** MAKE SURE THE USE OF CORRECT FUEL TYPE WITH THIS APPLIANCE.

NOTE: Keep a copy of these instructions for operating and maintenance guidelines.

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