



Industries 1994 LTD
PO Box 58652 Greenmount, Auckland
www.warmington.co.nz

Ensure That You Have the Correct and current Installation Details for the Size of the Warmington Fire that is to be installed.

Keep these Instructions for future reference

Fire and flue system to comply to NZS 5262: 1996

Due to continued product improvement, Warmington Ind LTD reserves the right to change product specifications without prior notification

Warmington Aspiring Gas

700-780-900-1100

Open Flame effect fire Gas

Installation, Operating & Maintenance



Effective from 1st September 2005



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Points to consider prior to installation:

- **Location of the fire in the home.** The position of the fire will have an effect on the distribution of the heat through the home. Open fires are better located at one end of a room as they project the heat away from their opening.
- **External air supply.** The supply of external air into the home is to reintroduce the air into the home that is been used in the combustion process of the fire. This keeps the home at an equal pressure to the outside. Kitchen extractor fan can cause a large pressure difference in the home and in some conditions can cause the fireplace to smoke towards the extractor fan. Kitchen fans may require their own external air supply.
- **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 and flue system. Care need to be taken to ensure that the flue termination is in the correct position to maximize performance.
- **The prevailing wind.** Care need to be taken to ensure that the flue termination is in the correct position as wind gusts that hits the flue and cowl system may overcome the cowl and draft back down the flue into the home. This can be a combination of down draft and high pressure.
- **Hearth and plinth:** The height of the hearth off the floor. The finishing that is to be used on the hearth to be allowed for at the design stage.
- **Positioning of the Flue system:** There is a maximum distance that an offset flue can be installed. Reference to NZS : 5262 : 1996
- **Flue and Fire Clearance:** To be maintained to the manufactures Instructions.



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INSTALLATION ORDER OF OPERATION

Prior to Construction and Installation

Important Notes:

1. Consult a certified craftsman gas fitter for correct gas installation.
2. Install to NZS 5261. 1996
3. Install to manufacture's specifications.
4. All new installations require a permit.
5. Allow for gas supply to heat cell at R.H. rear, and power supply to L.H. rear if required.
6. For special requirements concerning materials (timber mantle and surrounds) within close proximity of Warmington products, please contact your local Warmington Technical Consultant.

Stage 1: Frame Construction Procedure by Builder.

7. Mark out flue centre.
8. Build timber framing to chimney chase clearance requirements.
9. Ensure that the chimney chase is left unlined for installation of the flue.
10. Construct plinth/hearth only, to required height. *

Stage 2: Install Procedure by Certified "Warmington Installer" only.

11. Fit fire to plinth/hearth (Ensure gas supply line is fed through R.H. side of firebox.)
12. Fit flue system.
13. Fit cowl and flashing system.
14. Ensure chimney chase is vented.

Stage 3: Finishing Procedure by Builder.

15. Close in chimney chase.
16. Finish hearth to customer's requirements (e.g. paint / tiles).
17. * Note: certified installer can install hearth and plinth.

Maintenance

- 1) Visually inspect fireplace and flue system.
- 2) Ensure that firebox is operated according to manufacture's instructions.



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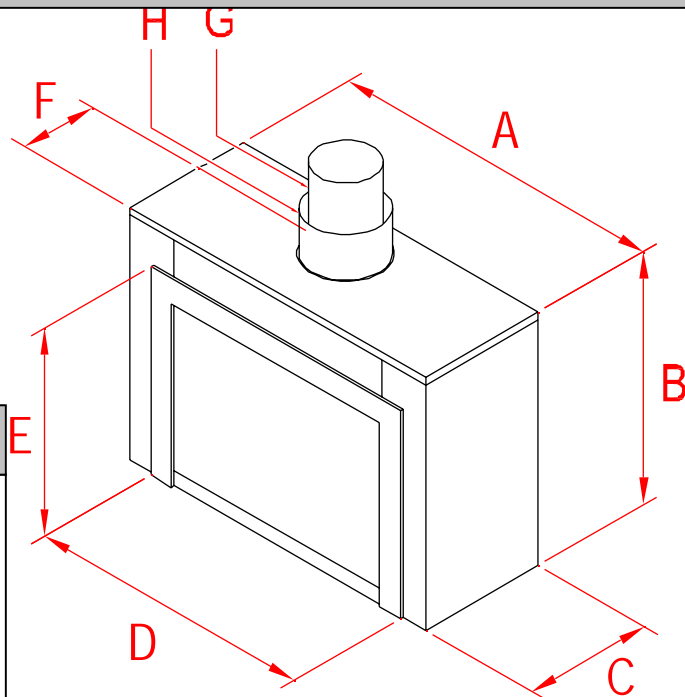
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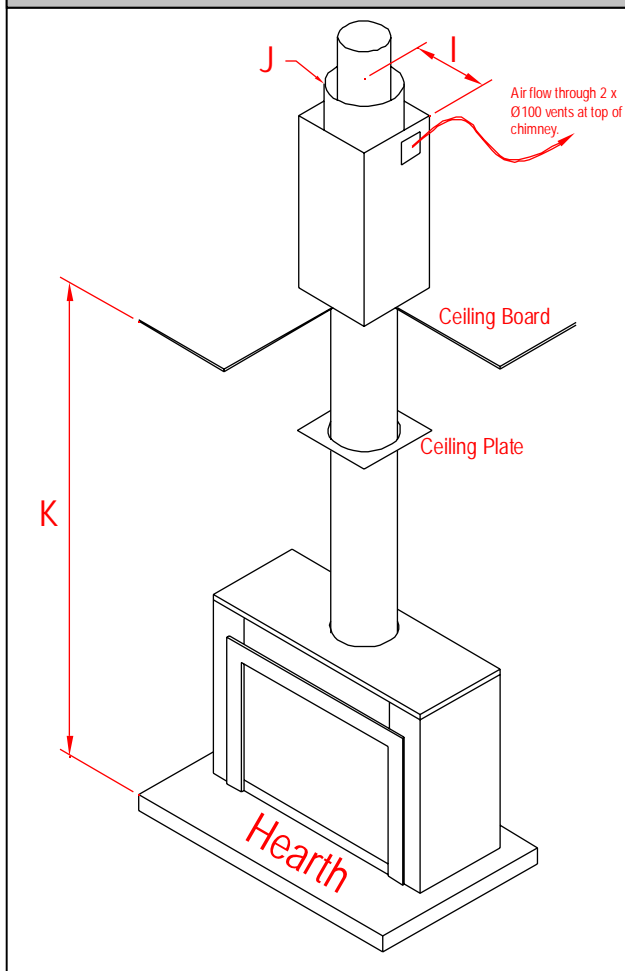
Firebox		SG 700	SG 780	SG 900	SG 1100
Firebox Width	A	1040	1120	1240	1440
Firebox Height	B	813	813	813	813
Firebox Depth	C	475	475	475	475
Fascia Width	D	860	940	1060	1260
Fascia Height	E	680	680	680	680
To Flue Centre	F	235	235	235	235
Flue Dia.	G	200	200	250	250
Flue Liner Dia.	H	250	250	300	300
Chimney Chase Clearance	I	400	400	450	450
Ceiling Penetration	J	300	300	350	350
Minimum Ceiling Height	K	1700	1700	1700	1700
Fascia Section	L	80	80	80	80

*All Measurements are taken from the front, back and side faces of the cabinet, NOT the top glass.

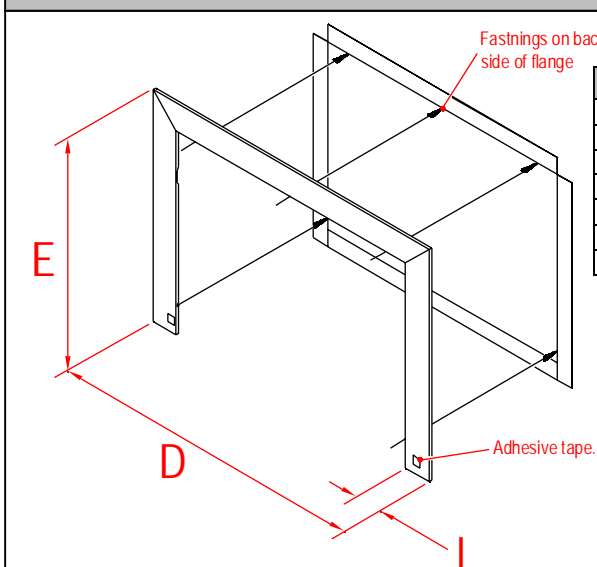
Firebox Dimensions



Flue Clearances



Fascia Kit and Fitment



Check List	
Firebox Vent Position	
Cabinet	
Grommets (X2)	
Fan / Cover	
S/S Fascia (Fastenings)	
Black Fascia (Fastenings)	
Packed By	

Minimum Flue Height	
Flue Height	3600
Measured from top of cabinet	B + 3600



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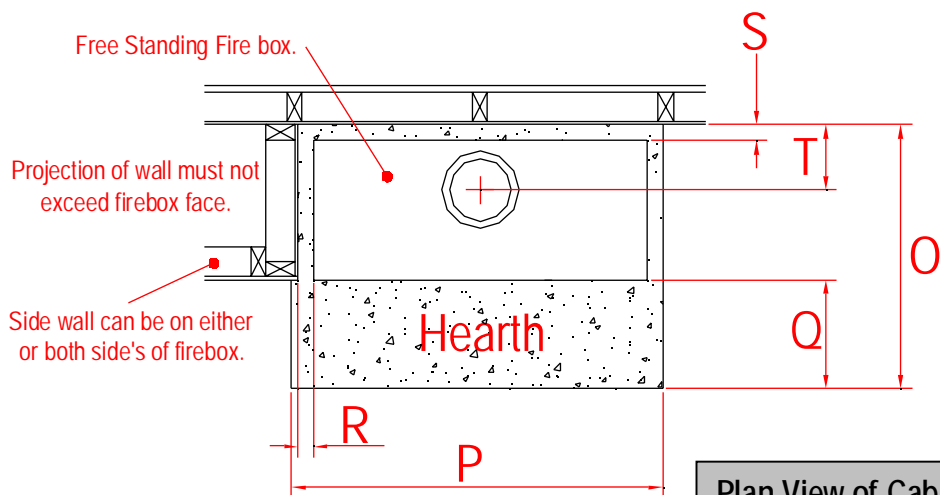
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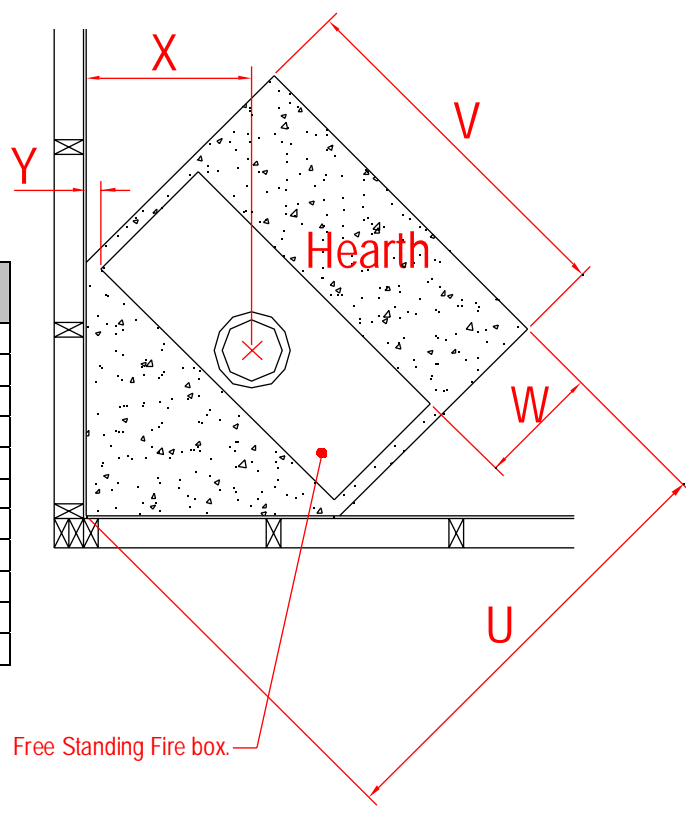
Plan View of Cabinet Clearances



Gas Specification				
LPG	SG 700	SG 780	SG 900	SG 1100
Pressure (kPa)	2.75	2.75	1.15	2.75
MJ/hr	40	50	48	73
Output (kW)	5.8	7.5	8.0	9.2
Natural Gas	SG 700	SG 780	SG 900	SG 1100
Pressure (kPa)	1.0	0.7	0.6	1.5
MJ/hr	35	35	48	73
Output (kW)	5.8	7.5	8.0	9.2

Notes:	
Hearth is to be of non-combustible material	
Firebox heat cell can sit directly on timber	
Ensure hearth finishing's completed prior to installation	

Plan View of Cabinet Clearances (Corner Position)



Description		SI 700	SI 780	SI 900	SI 1100
Hearth Depth	O	875	875	875	875
Hearth Width	P	1300	1380	1500	1700
Hearth Projection	Q	300	300	300	300
To Wall Side	R	100	100	100	100
To Wall Behind	S	100	100	100	100
To Flue Centre	T	340	340	340	340
Hearth Depth (Corner)	U	1440	1480	1540	1640
Hearth Width (Corner)	V	1300	1380	1500	1700
Hearth Projection (Corner)	W	300	300	300	300
To Flue Centre (Corner)	X	640	665	710	780
To Wall Side (Corner)	Y	100	100	100	100

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SG Range: Gas Convection Fireplaces

To the Installer/Gas Fitter

FLUED GAS APPLIANCES All gas fires requiring warmington flue systems shall be installed to the requirements of NZS 5261 and shall be appropriately designed and constructed to permit safe and effective use. This appliance must be flued to the outside atmosphere. All Warmington S.G. Fires must be fitted with a minimum of 3.6m of approved gas flue and liner.

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 NZS 5262 or any one of the Standards listed or referred to in "related documents" of this Standard.

ELECTRICAL REQUIREMENTS All gas fire appliances fitted 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 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 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.

Check that the gas type specified on the data plate is correct for the available supply (LPG or NG).

A 3/8" copper gas supply line capable of supplying 50mJ should be brought into the R/H rear of the installation cavity. A 3/8" flare nut is provided for connection to the appliance.

NG	INLET:2.0kPa	SET-UP: High 1.4Kpa	Low 0.7Kpa
LPG	INLET:2.75Kpa	SET-UP: High 2.5Kpa	Low 1.5Kpa

***Inlet Pressure not to exceed 4.0Kpa**



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TESTING

- Turn off appliance, unscrew test nipple located on the under-side of the Beckley Regulator, fit test gauge securely
- Light appliance and check HIGH/LOW settings
- Adjust control valve setting if required. Desired output listed on data plate
- Extinguish appliance, remove test equipment and secure test nipple

Note* BM733 Control Valves are factory set and should not require adjustment.

COALS and LOGS

Gloves should be worn when handling ceramic fibre coals and logs

Assemble coals in two layers of two rows on an even vermiculite base. Top layer offset to the back of the burner.

Each coal randomly positioned with the torn (roughest) face outward. Ensure coal positioning does not directly block the pilot flame.

Logs and twigs may be scattered to achieve best visual effect.



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

FASCIA KIT

1. Locate the three self-tapping screws provided into the under-side of the top ledge of the firebox
2. Remove the backing tape from the adhesive Velcro pads at the bottom of each fascia side
3. Offer the fascia into position locating the three screws into their associated slots - tighten screws
4. Apply firm pressure to the bottom edges to bond the Velcro tape
5. 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.



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To the Customer/Home-owner

Your Warmington SG Gas Convection 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.

SAFETY

- Always use a registered gas fitter 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.

What to 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.

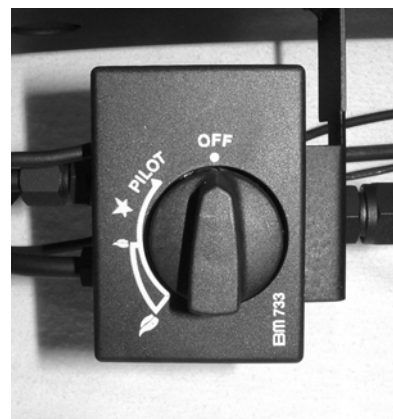
OPERATION OF YOUR WARMINGTON S.G. GAS CONVECTION FIRE

Your fire must be installed and tested by a suitably qualified technician prior to use.

To light;

1. Lower the control-cover by pulling the Warmington badge outwards
2. Depress the ignition switch and hold in the 'PILOT' for 3-5 seconds.

.....continued over



gas fitter or

position



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3. Strike the igniter by turning to the '**STAR**' position; (repeat steps 2 & 3 if necessary)
4. Once the pilot flame is lit, hold this position for 3-5 seconds before setting the flame control to full
5. Once the flame bed is established, set the flame control to the desired level, close cover.

To shut down;

Open control cover.

Turn control switch to '**PILOT**'. Flame bed will extinguish.

Pilot light may be left running or extinguished by switching to '**OFF**' before closing cover.

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

MAINTENANCE

Warmington Industries recommend annual servicing of your gas fire by an approved Warmington dealer. External surfaces should be dusted with a damp, lint-free cloth when the fire is cold.

WARRANTY

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 an approved Warmington dealer or agency.