

# Eastside

## Installation Guidelines and Operating Instructions

April 2019



Technical details subject to change  
Please ensure you have the latest specifications

# Living Flame

[Livingflame.co.nz](http://Livingflame.co.nz)

# INSTALLATION GUIDELINES

Living Flame Eastside Designer Gas Convector Fireplaces must be installed in accordance with these guidelines.

For safe installation and operation, carefully read the following information.

## NOTE:

Failure to follow these instructions may invalidate your household insurance and the fireplace warranty. It may also cause a malfunction or damage to the fireplace, possibly causing injury and / or property damage.

**Specifications may change without notice.**

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## FIREPLACE FEATURES

Dual radiant and convected heat,  
Fully electronic safety control system with auto spark,  
Unique Living Flame diffuser burner fire,  
No products of combustion, (Co<sub>2</sub>, Co, Nox<sub>2</sub>) into the room,  
Natural convection,  
Totally clean room air,  
No added moisture into the room,  
Alumini steel construction for heat resistance and a longer lifetime,  
Extended heat surface heat exchanger to maximise convected heat,  
Natural gas or home delivered bottled gas (LPG) fuel options,  
Fire Sure Lifetime Body Guarantee,  
Fire Sure Lifetime Burner Assembly Guarantee,  
One Year Control Assembly Cover,  
One Year Labour Cover,

## TECHNICAL SHEET

Gas rating inputs for each model shown

ALL EASTSIDE CONFIGURATIONS	Full Burner - NG	Strip Burner - NG
1200mm	55	50
1500mm	65	65
1800mm	2 x 38	2 x 38
2000mm	2 x 55	2 x 55
2400mm	2 x 55	2 x 55
3000mm	2 x 70	2 x 70

## EASTSIDE FIREPLACE SERIES OVERVIEW

# 2

Eastside Fireplaces are available in a number of configurations to suit your interior and the design you wish to achieve.

EASTSIDE MODEL	CONFIGURATION	DESCRIPTION
Niche – left hand glass	Corner	One short glass side, one open long side, polished stainless steel back and side
Niche – right hand glass	Corner	One short glass side, one open long side, polished stainless steel back and side
Nook	Through wall	One long glass side, one long open side, polished stainless steel short sides
Nova	Inbuilt	Open long front, polished stainless steel back and sides
Euro	Three sided – parallel	Open long front, two short glass sides, polished stainless steel back
Vista – left hand opening	Three sided – divider	One open long side, one glass long side, one glass short side, one polished stainless steel back
Vista – right hand opening	Three sided – divider	One open long side, one glass long side, one glass short side, one polished stainless steel back
Quattro	Four sided – free standing	One open long side, one glass long side, two glass short sides

### EASTSIDE FIREPLACES ARE SUPPLIED COMPLETE WITH:

- main fire body,
- tempered glass panels and polished stainless steel panels as per the fires configuration,
- gas burner as selected,
- electronic two stage safety controls,
- effect as selected,
- finned convector hood,
- Optional flexible ducts, air outlet boots and grills - refer to drawing no 59.

**THIS FIREPLACE DOES NOT COME WITH ANY FORM OF FINISHING, IE: TILES, GRANITE ETC.**

### OPTIONAL

Fire may be supplied ready for brick lining if required.  
Refer to drawing no's 51 and 60.

## DIMENSIONS

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1200mm Dimensions	Refer drawing no 43
1200mm Plasma Dimensions	Refer drawing no 53
1500mm Dimensions	Refer drawing no 44
1500mm Plasma Dimensions	Refer drawing no 54
0700mm and 0900mm Standard and Plasma, Plan View	Refer drawing no 63
1200mm and 1500mm Standard and Plasma, Plan View	Refer drawing no 63a
1800mm and 2000mm Standard and Plasma, Plan View	Refer drawing no 64
2400mm and 3000mm Standard and Plasma, Plan View	Refer drawing no 65
Cladding	Refer drawing no 46
Number of Flues and Burners Reference	Refer drawing no 66

## LOCATION

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The fireplace should be located:

Out of high traffic areas;

Out of strong draughts;

Away from furniture;

Where the flue system can be correctly installed without damaging the structure of the building, checking that the flue vent and its shielding will not interfere with any structural timberwork;

Where there is sufficient access for safe operation and maintenance;

Where there is a flat and level surface;

Where there is sufficient flue vent clearance around the flue in relation to doors or windows;

Where there is access to a gas line or the gas line can be brought to the fireplace in accordance with ASNZS5601;

Where there is access to an electrical supply for the electrical control system to be connected to;

Where there is unobstructed adequate ventilation to allow correct combustion and operation of the fireplace;

Where the fireplace can be used to optimise the radiant heat given off by the fireplace;

These fires do not require a hearth.

## YOUR SAFETY AND PROTECTION

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- A fireguard to BS Standard 6539 or 6778 should be used for the protection of young children, the elderly and infirm.
- Do not store or use flammable vapours or liquids in the vicinity of this fireplace or any other gas appliance.
- Do not place combustible materials around the fireplace.
- Know where your gas shut off valves are located.

## WHAT TO DO IF YOU SMELL GAS

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- Open windows;
- Do not try to light any gas appliance;
- Do not use any electrical appliance or switches;
- Do not use the telephone in your home;
- Turn off the gas supply to your house at the gas meter shut off valve, or the shut off valves at your gas bottle(s) location;
- Call your local gasfitter from a neighbour's house.



# OPERATING INSTRUCTIONS

## ELECTRONIC TWO STAGE WITH

### AUTO SPARK IGNITION



#### CONTROL OPERATION

- Check gas supply is turned ON.
- Check power supply is turned ON.

#### START UP

- Turn both the on / off switch and the high / low
- Switch to the ON position.
- After the controller has completed a safety check (for some controllers this will take approximately 8 – 10 seconds, others may take 30 – 35 seconds),
- The auto spark ignition will start and a clicking noise will be heard.
- The gas valve will open, the pilot will establish and the main burner will light.
- If the pilot fails to light the gas supply will be shut off after 8 seconds.
- Turn the control system to the off position and wait 30 – 60 seconds before restarting the fire.

Note:

If the gas line has been interrupted or when first lighting the fire, it may be necessary to follow the above start up sequence several times.

#### HIGH / LOW FLAME

Once the fire has reached full glow and temperature, the high / low switch may be turned off to give the low fire effect. For high flame just turn the room switch back to on.

#### SHUT OFF

Turn the on / off room switch to the off position and the control system will shut off the pilot and main burner.

#### SAFETY SHUT OFF

The Electronic Control System will automatically shut down should the pilot be interrupted or the pilot fail to light. To re-set the control system, turn the room switch to the off position and wait 30 – 60 seconds before the fire can be re-started.

If the system fails to light after several attempts, call for a registered Living Flame Maintenance Engineer or Living Flame Auckland for your nearest registered service organisation.

# Living Flame Expressed Guarantee January 2006



Eastside Convector Fireplace bodies are constructed for a minimum working life of 15 years when installed in compliance with ASNZS5601, C1 Outbreak of Fire and manufacturer's installation, operating and maintenance instructions.

## **Fire Sure Lifetime Body Guarantee**

This is a Fire Sure Lifetime Replacement Guarantee that covers the fireplace body manufactured by Living Flame Fires and only covers the replacement of the fire body where an irreparable defect, due to material or manufacturing failure, occurs within the lifetime of the fire. The Fire Sure Lifetime Body Guarantee does not cover faults caused by incorrect installation, incorrect commissioning or misuse, and the fire should be installed and maintained in compliance with the guarantee and all conditions of the guarantee fulfilled.

## **Fire Sure Lifetime Burner Assembly Guarantee**

This is a Fire Sure Lifetime Replacement Guarantee that covers the fire burner tray manufactured by Living Flame Fires and only covers the replacement of the fire burner tray where an irreparable defect, due to material or manufacturing failure, occurs within the lifetime of the fire. The Fire Sure Lifetime Assembly Guarantee does not cover faults caused by incorrect installation, incorrect commissioning or misuse, and the fire should be installed and maintained in compliance with the guarantee and all conditions of the guarantee fulfilled.

## **One Year Control Assembly Cover**

This is a One Year Replacement Guarantee that covers the control parts used in the manufacturing of a Living Flame Fire. The manufacturer only covers the replacement of a control part where an irreparable defect, due to material or manufacturing failure, occurs within the first year from date of supply by Living Flame.

## **One Year Labour Cover**

This is a One Year Guarantee covering the normal labour charges required to replace components of a Living Flame Fire should a part fail in its first year of service. The One Year Guarantee does not cover faults caused by incorrect installation or commissioning. The refund of associated labour charges are based on our schedule of costs listing services of parts to be charged for, time allotted and costs allowed including travel, when carried out by an approved Living Flame serviceperson. Travel is only covered within a 25km radius from either Living Flame Ltd in Auckland or our local distributor. The fire has to have been installed and maintained in compliance with the guarantee and all conditions of the guarantee must have been fulfilled.

## **Exclusion From Guarantee**

This Fireplace Replacement Guarantee excludes any costs associated with the removal or replacement on site of the fireplace at the owners request, required for finishing work or refurbishment work to the fireplace, surround, chimney, flue or gas line testing or re-certification. This guarantee is only valid when the fire has been installed in New Zealand.

# Living Flame Expressed Guarantee contd. January 2006



## **Installation**

Living Flame Fireplaces must be installed to comply with:

- New Zealand Standards and Building Codes where relevant;
- Australia & New Zealand Standards 5601 Installation Gas Code;
- Living Flame Installation Instructions;
- Living Flame Operating Instructions;
- Living Flame Maintenance Instructions.

Living Flame Fireplaces must be installed free from dampness and free from corrosive elements. Living Flame Fireplaces must be installed with an unrestricted flue or chimney. Living Flame Fireplaces must be installed by a suitably qualified person and a certificate of compliance must be made by a Registered Certifying Engineer under the New Zealand Gas Act.

## **Guarantee and Warrantee Validity**

Guarantee claims will only be considered when completed by a Living Flame approved serviceperson in accordance with Living Flame procedures.

### **Operating**

Living Flame Fireplaces must be operated in accordance with Living Flame Operating Instructions.

Living Flame Fireplaces should be used only for the burning of gas fuels: Natural Gas, Liquid Petroleum Gas or Propane Gas. The type of gas to be used should be specified at the time of ordering the unit.

Living Flame Fireplaces must only be operated with a Living Flame Gas Insert Fire that has been commissioned to Living Flame's Commissioning Instructions.

### **Maintenance**

Living Flame Fireplaces must be maintained, cleaned and re-commissioned annually as should all gas appliances.

### **Domestic Users**

Living Flame Fireplaces should be inspected, cleaned, serviced and re-commissioned at least once yearly throughout the lifetime of the fire to maintain the guarantee.

### **Commercial Users**

Living Flame Fireplaces should be inspected, cleaned, serviced and re-commissioned at least twice yearly throughout the lifetime of the fire to maintain the guarantee.

**THIS GUARANTEE SHOULD BE KEPT IN A SAFE PLACE ALONG WITH THE OPERATING INSTRUCTIONS.**

# VENTILATION

# 9

## Fully Sealed Home

Adequate ventilation for the fireplace must be provided in accordance with ASNZS5601 and the Manufacturer's Instructions.

This fireplace has been designed to draw room air into the fireplace to complete combustion. The fireplace also circulates room air as convected heat.

Living Flame has carried out extensive research and testing into the correct ventilation for an open gas fireplace. The blocking or modifying of any of the airways of the fireplace in anyway could create a hazardous situation of overheating, poor combustion or poor ventilation.

The requirements for an open natural draught fireplace, in a fully sealed home, is for fixed ventilation to be fitted to supply makeup air with an open area equal to 100mm x 100mm for every 10MJ/L that the fire is rated at.

As a rule of thumb, you will find that the size of the grille required will closely match the cross sectional area in m<sup>2</sup> of the fireplace's natural draught flue. The air flow rate through the ventilation grille is at a very low velocity, approximately 2Pa with an air flow of between 250m<sup>3</sup> – 1200m<sup>3</sup>/hr depending on the size of the fireplace

## Semi Sealed Home

Although the requirements are the same for a semi-sealed home are the same, a more common sense approach to ventilation is taken. If the home has multiple leakage points (i.e. range hoods, garage doors, and gaps under doors...) this may be factored in. If venting is required in a semi-sealed home, it could also be provided between internal walls or into the ceiling space.

## Bedroom Ventilation

When installing a gas appliance into a bedroom VENTILATION MUST BE PROVIDED. This can be fixed or mechanical ventilation (interlocked with the fireplace operation.) Ventilation should be created from a fresh air environment.

## Open Plan - Combined Lounge, Bedroom Ensuite

A Gas Fireplace located in an open plan combined Lounge, Bedroom ensuite area must follow:

- The gas fireplace must not be open to the ensuite side
- The gas fireplace must be fitted with full gas and flame supervision controls – electronic or manual
- Adequate makeup air ventilation must be fitted in the form of a passive vent or vents equaling the fireplace flue draught requirements and any extractor requirements for ventilation system that may be installed in the same open plan combined area. The passive makeup air ventilation should be fitted into a free air vented ceiling space or fitted through the ceiling and roof to outside free air.
- Mechanical ventilation damper if fitted to the makeup air (as in Eco Houses) must be mechanically and electrically interlocked with the gas fireplace control safety system so that in the case of the damper failure the gas fireplace remains inoperable
- The gas fireplace must be draught tested with a draught gauge then any extractors system, air conditioning systems or heat pumps located in the open plan lounge, bedroom ensuite area be turned on. The systems must have no effect on the operation and operational flue draught of the gas fireplace
- Mirrors for safety must not be placed above a gas fireplace or open fireplace

## GAS CONNECTION

A gas certificate must be given for the installation, connection and associated flue vent system.

All installation work should be carried out by a suitably trained and qualified person to comply with installation code ASNZS5601 and the manufacturers instructions and then certified by a Craftsman Gasfitter.

Before installation commences, check the data plate on the fire to verify that the fire is set up to suit your type of gas supply. Field conversion to suit a different gas is not always practical.

This fireplace is supplied with a 10mm soft copper connection mounted at the rear or the side of the fireplace, depending on configuration.

A gas line capable of supplying a minimum of 100mj per burner should be brought to the fireplace with a 10mm soft copper tail. This is to be connected to the 10mm soft copper pipe.

Other systems of connection may be used in accordance with ASNZS5601.

# 11

## GAS SUPPLY

	<b>Inlet Standing Pressure</b>	<b>Set Up Pressure</b>
NATURAL GAS	2.0 kPa	HIGH 1.0 kPa LOW 0.5 kPa
U/LPG – PROPANE	3.0 kPa	HIGH 2.5 kPa LOW 1.5 kPa

Maximum Inlet Pressure 6.0 kPa

If inlet pressure exceeds 6.0 kPa, then damage will occur and may result in a hazardous condition.

# 12

## TEST PRESSURES

Both the gas inlet and outlet test nipples are located on the electronic gas control valve. Values are shown in section 11.

# 13

## TESTING

The fire outlet pressures have been preset in the factory, but should be reset when commissioning.

To adjust:

Turn off the fire and loosen the test nipple screw;

Fit 6mm tube and test gauge securely;

Turn on the fire, check pressure settings on high and low;

Adjust control valve setting where required (refer to the Rating Plate for correct adjustment and settings);

Turn off the fire, remove the gauge and tube. Secure the test nipple screw.

In transit items of the burner or fire may become loose or pipe work may move, it is important to check all joints are gas tight and that all parts are located and operating correctly

Final test with gas detector

## CONTROLS

Customer Requirements:

Show customer the operation of the appropriate control system.

Ask them to operate it.

Ensure the customer fully understands the control system and that they can operate it satisfactorily.

## FLUEING

This fireplace must be vented to outside atmosphere.

Flueing must be in accordance with the ASNZS5601 and all local body bylaws.

Flue vent must be unrestricted.

The flue vent should be checked for correct height and location in relation to other objects in close proximity (refer to drawing no's 67 and 68).

Stand the fireplace in its proposed position, taking care to observe the minimum clearances shown.

Flues must be sealed to prevent damage from water or products of combustion leakage. Flues should be inspected and tested annually.

Power Flues

If a power flue is needed then ref to the Power Flue manual for installation instructions and wiring diagrams.

## INSTALLATION

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In New Zealand every home is different from the next. Therefore, these are general guidelines for installation only.

A gas certificate must be completed at the finish of any installation of a gas appliance, flue system or gas pipework.

Flue planning should be checked for correct height and location in relation to the roof and other objects in close proximity. Refer drawings 67 and 68.

A gas connection should be brought into the fireplace, sized for a capacity of 100 mj/hr per burner to provide spare capacity in the gas line. Pressure test gas lines before connection to the fire.

This fire will require electricity to operate. 2m lengths of cable are supplied with the fire. An electrician is then required to run these cables to where you choose to have your wall switches. Your electrician will supply the switching.

Install the fire into position, level and fix. This fire can be installed directly onto a wooden floor. Connect a 10mm gas line from the fireplace to the gas supply line with a copper reducer and silfos joint (do not use a flare or gland fitting).

Install flue components as required. If offsets are required, they should be installed with a minimum rise of not less than 10 degrees from the horizontal and should be bracketed to support the flues weight. Refer drawing no's 69 and 4.

A spigot plate can be ordered for the top of the chimney or an appropriate roof seal or spigot cap can be provided by the installer.

The spigot plate is then fixed to the top of the chimney and fixed to the liner becoming the top bracket.

### OR

The roof seal is then tightly secured over the flue and sealed from the weather.

Trim flue and galvanised liner to same length and slip on anti-downdraught cowl and windskirt. In exposed areas, the cowl should be fixed onto the outside liner.

On completion of the fire installation, the flue should be inspected by the certifying person, in compliance with the New Zealand Standards, before cladding is fitted.

Turn on gas supply and bleed air from the lines. Commission fire, smoke test, set flame height and combustion test.

Refer drawing no 4a to see a spigot plate and a cowl.

**Some variations to these guidelines may be needed.**

**If you have any doubts, please do not hesitate to contact Living Flame Fires for advice on installation.**



# INSTALLATION OF FLEXIBLE DUCT AND FRAMING AND ENCLOSING

# 17

## INSTALLATION OF FLEXIBLE DUCT

- Supplied with your Eastside fireplace are two plastic air boots, two plastic grills and one length of 150mm insulated flexible duct.
- The air boots are installed at a high level around the fireplace, pinned into the framing.
- The flexible ducting is then divided into two sections, one for each boot.
- One end of the ducting is connected to the boot and the other to the convector outlet.
- Cut through the cladding and push the grill into place in the plastic air boot. Care should be taken not to kink the flexible ducting.

Refer drawing no 59.

## TIMBER - FRAMING

- All Eastside fireplaces are supplied with framing mounting lugs.
- Framing lugs are designed for 100mm x 50mm timber.
- Framing weight should be taken by the ceiling joists and should exert no force onto the Eastside fireplace.

## CLADDING – ENCLOSING

**DO NOT USE SLIM LINES, METAL OR PLASTIC AROUND THE OPEN FRONT OF THE FIREPLACE.**

- Living Flame suggest that the fire is clad in 9mm Villa board or similar. This gives a smooth top edge. It can then be screwed or bonded to the framing and fireplace.
- The cladding can then be stopped and finished.
- Care should be taken to avoid excess plaster and dust settling into the fireplace and onto surrounding surfaces.

Refer Drawing Number 46.

## FINISHING

**THIS FIREPLACE DOES NOT COME WITH ANY FORM OF FINISHING, IE: TILES, GRANITE ETC.**

- Marble, slate, granite, tiles etc., can be affixed to the bottom fascia edge plate, to give the effect desired.
- Tiles etc., should be butt-jointed to give the best finished appearance.
- 3 – 4mm holes may be drilled in the fascia plate of the Eastside fireplace to provide a key for fixing compounds and adhesives if required.
- **Do not block the vent holes on the underside of the bottom fascia edge plate. These are required to ensure the correct operation of your fire.**

Refer Drawing Numbers 47, 48, 49, 50, 57 and 58.

## FLUE AND CHIMNEY REQUIREMENTS

### DESIGN

- A flue or chimney is required for these Eastside Fireplaces.
- All flues must be double skinned with a 25mm minimum airspace. Flue materials should be a stainless steel inner flue with sealed joints, and a galvanised outer with airspace liner.

### LINER INSTALLATION

- Flue outer airspace should be a minimum of 25mm from any combustible material.
- Flues may be offset at not less than a 10° angle from the horizontal.
- Flues should not be restricted in any way.
- Flues should be bracketed to take their own weight.
- Flues must have an anti-downdraught rain and wind cowl fitted.
- Roof flashing and seals should be the appropriate type for the roof.

### HEIGHT

- The minimum effective height of the flue shall be at least 3.6m.
- Flues or chimneys should rise until there is a 2.5m clearance horizontally from any part of the roof or other obstructions. The flue then rises a further 500mm vertically from the clearance point, giving the correct height and wind clearance.
- A Living Flame anti-downdraught cowl and windskirt should then be fitted.

### POWER FLUES

- If a power flue is needed then ref to the Power Flue manual for installation instructions and wiring diagrams.

### LIVING FLAME

will be pleased to assist you or your architect with the design of the flue or chimney to achieve a result that functions correctly and has the desired appearance for the house.

## **FLUE HEIGHT DIAGRAM**

Refer Drawing Numbers 67 and 68.

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## **FLUE COMPONENTS AND OFFSET RULES**

Refer Drawing Numbers 4, 4a, 69

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## INSTALLATION OF FIXED LOG SET DIFFUSER BURNER

Only the log, coals and embers supplied with this fire may be used on this fire and said logs and coals may not be used on another brand of fire.

The fire will have several bags of embers supplied. Evenly spread the first bag through the narrow channels between the fire bed blanket, covering all the small (2mm) holes. **Take Care Not To Force The Embers Into The Channels**- the gas diffuses through the embers. Once the burner channels are filled to the top, use the remaining bags of embers to fill around the whole burner- this is a decorative coating which covers all remaining holes and fixings.

Remove the Log and Coal set from the packaging and place on the ember bed.

Gently settle the frame of the fixed Log and Coal set into the embers, by moving it side to side, ensuring that the metal frame is not visible.

Run the fire to check the ignition and view the flame picture to check for even-ness.

When the fire is set correctly the flame height should peak at approximately 75-100mm above the Log and Coal set on the high setting and 25-35mm on the low setting.

## INSTALLATION OF COTSWOLD EFFECT DIFFUSER BURNER

Only the Cotswold / Coals and embers supplied with this fire may be used on this fire and said Cotswold/Coals may not be used on another brand of fire.

The fire will have several bags of embers supplied. Evenly spread the first bag through the narrow channels between the fire bed blanket, covering all the small (2mm) holes. **Take Care Not To Force The Embers Into The Channels** - the gas diffuses through the embers. Once the burner channels are filled to the top, use the remaining bags of embers to fill around the whole burner- this is a decorative coating which covers all remaining holes and fixings.

Remove the partial Cotswold/Coal set from the packaging and place over the pilot area, on the ember bed. The wire frame has a cut out locator to fit the pilot.

Gently settle the frame of the fixed Cotswold/Coal set into the embers, by moving it side to side, ensuring that the metal frame is not visible.

Position the remaining loose Cotswold/Coals evenly around the fixed set as desired. Rather than making straight rows of Cotswold/Coals, try to use the different surfaces to create a random pattern. This can help with flame picture and radiant heat output.

Run the fire to check the ignition and view the flame picture to check for even-ness. You can adjust the position of individual Cotswold/Coals to improve the flame picture.

When the fire is set correctly the flame height should peak at approximately 75-100mm above the Cotswold/Coal set on the high setting and 25-35mm on the low setting and 25mm – 35mm on low.

Continues :

## INSTALLATION OF COTSWOLD STONE EFFECT STRIP BURNER

Only the Cotswold Stones and embers supplied with this fire may be used on this fire and said Cotswold Stones may not be used on another brand of fire.

The strip burner does not have a fire bed blanket. The fire will have approximately half a bag of embers supplied. Pour the embers evenly into the burner channel, covering all of the small (2mm) holes. Use most or all of the bag of embers.

Ensure that the embers are filled to the edge of the pilot frame, but are not in or on the pilot. Place the loose Cotswold Stones evenly over the ember bed in 2 or 3 rows to form a base layer. Be sure to allow small gaps between the Cotswold Stones- this allows the gas to travel through. Place another layer of randomly spread Cotswold Stones on top of the base layer to achieve the desired height and appearance. Rather than making straight rows of Cotswold Stones, try to use the different surfaces to create a random pattern. This can help with flame picture and radiant heat output. Use all or most of the Cotswold Stones provided.

Run the fire and to check the ignition and view the flame picture to check for even-ness. You can adjust the position of individual Cotswold Stones to improve the flame picture.

When the fire is set correctly the flame height should peak at approximately 75-100mm above the Cotswold Stones on the high setting and 25-35mm on the low setting.

## ROUTINE SERVICE

22

Fireplaces in domestic situations need to be serviced yearly.

Fireplaces in commercial situations need to be service six monthly.

Check meter or cylinders

Pressure drop test gas lines

Inspect inbuilt fireplace

Dismantle fireplace and inspect components

Clean all components and body

Check operation of controls and safety devices

Check flue system is clear and clean

Check flue vent

Re-assemble fire

Check ignition system. Perform lighting test, minimum 20 out of 20

Check injector and pressure settings

Check fire effect, flame distribution and height

Complete assembly

Test flue vent system

Check complete operation of the fire

Final clean and dust

Re-light all other gas appliances

Re-demonstrate fireplace to owner to ensure owner has full understanding of the fireplace

Sign off service sheet with owner

## ANGLE OF MANTEL

Refer drawing number 52

23

## ELECTRICAL

24

This fireplace, in order to operate, needs an external power supply.

This model has an electronic flame rod safety device that when heated by the pilot flame, generates a micro amp supply, enough to operate the control of the main burner.

The fireplace, when installed, should be electrically grounded in accordance with the electrical regulations.

This fireplace is supplied with an electronic control system. The appropriate electrical and operating instructions for the control system should be enclosed.

Fireplace to be fitted with a power flue – ref to the Whisper Flue manual for installation instructions and wiring diagrams.

## ELECTRIC SMART WIRING

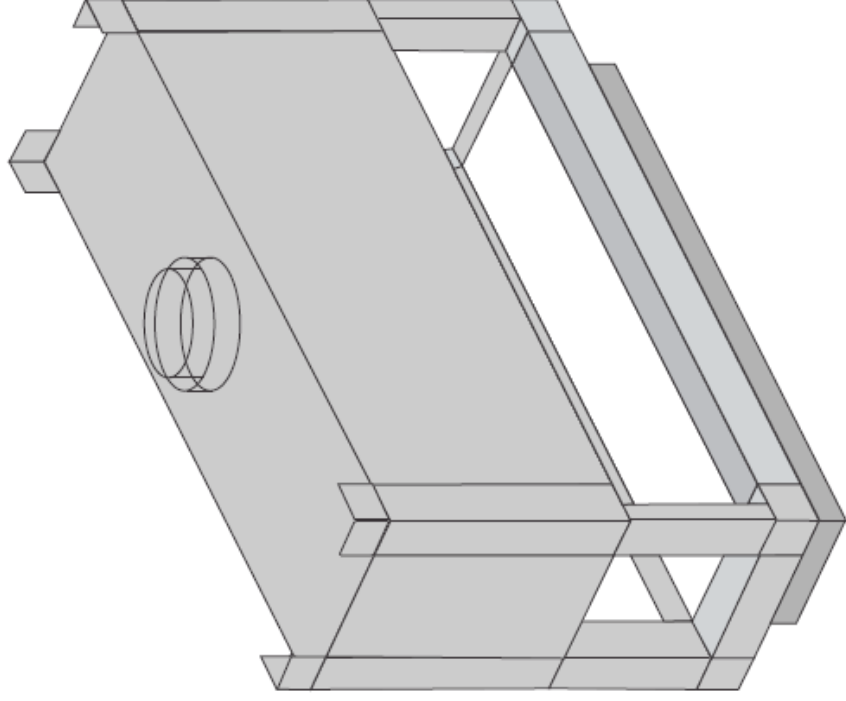
The Eastside range, like all Living Flame Fires can be connected to most home automation systems using our standard 2 Stage Electronic Ignition and **CLEAN CONTACT RELAYS**.

The system runs on a standard 230v power supply. It is not recommended that the ProFlame remote system is used with home automation as the remote will over-ride the automation settings. For more information, please contact our team directly

## WIRING DIAGRAMS

Refer Drawings Numbers 6a, 6b, 7, 9, 20, 21 39, 61

25



**LivingFlame**

**Eastside**  
Part two, drawings

## LivingFlame

Cowl and Windskirt  
Spigot Plate

Drawing No 04a



© COPYRIGHT LivingFlame 2017

## LivingFlame

Bracket and Strap  
Fully Adjustable Bend

Drawing No 04



© COPYRIGHT LivingFlame 2017



# Living Flame

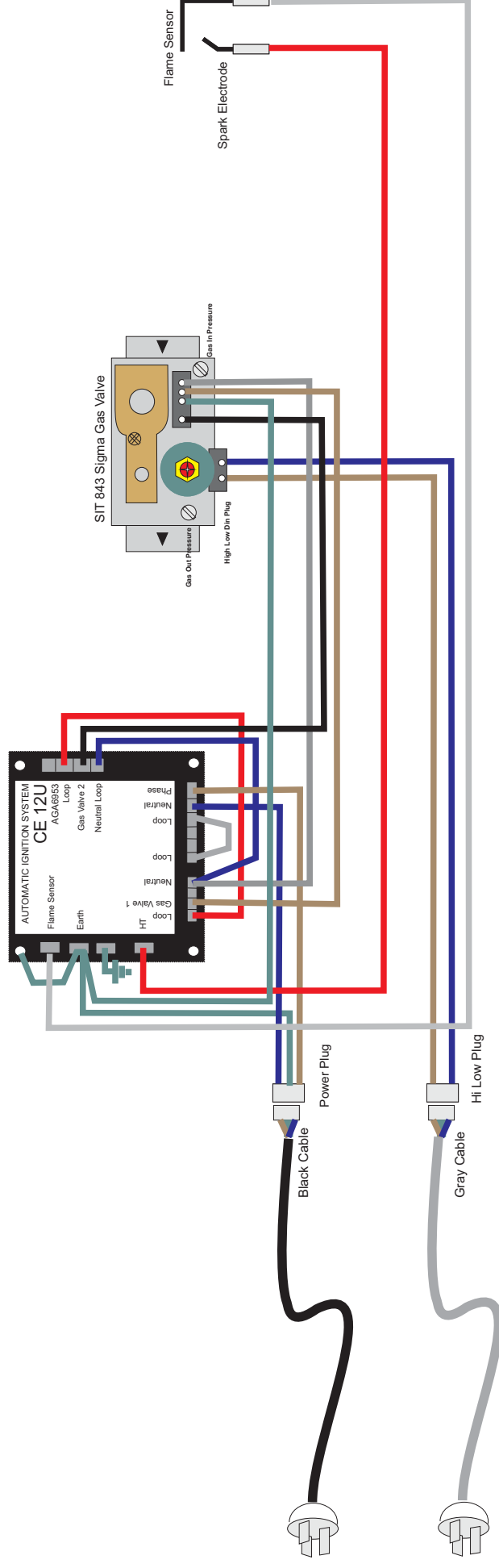
## Electronic Burner Control

### CE 12U AGA6953

### SIT 843 Tandem Gas Valve

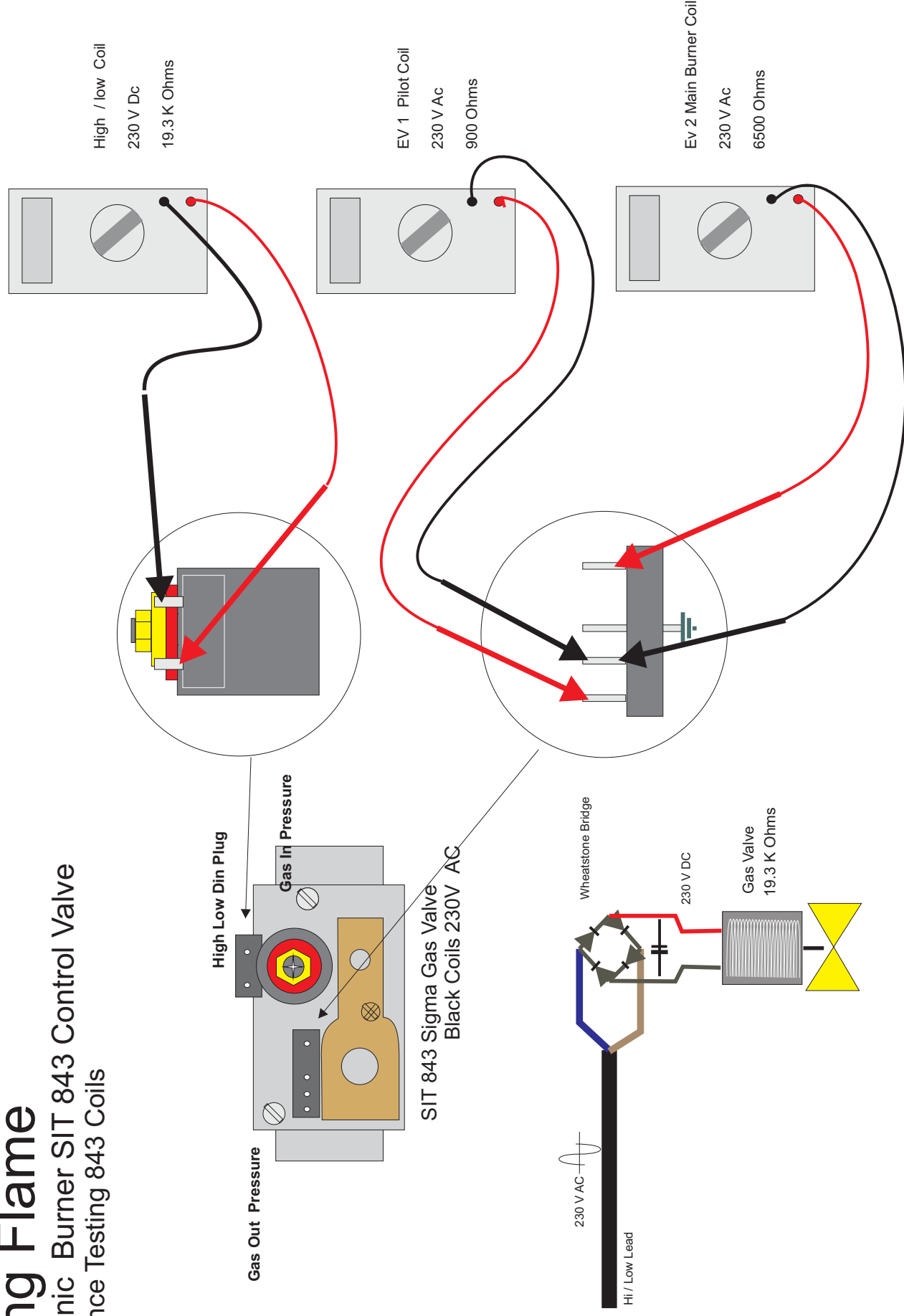
Wiring Layout Pilot - Low Flame - High Flame

Testing Fireplace Controls on Test Leads



# Living Flame

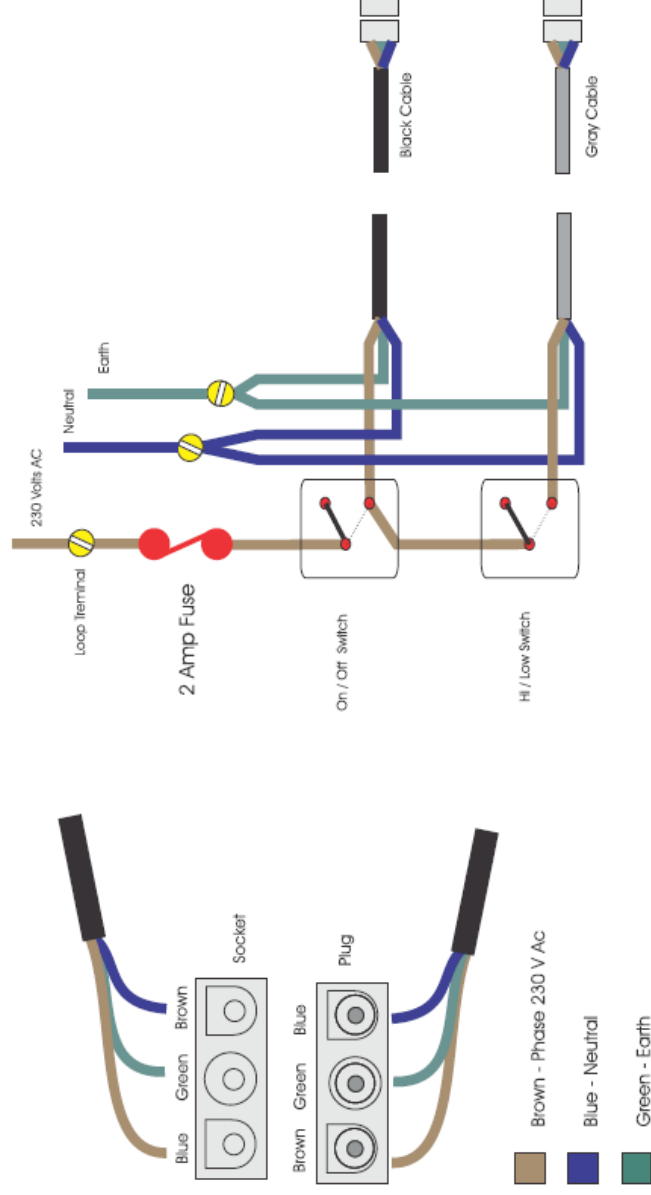
## Electronic Burner SIT 843 Control Valve Resistance Testing 843 Coils



# LivingFlame

Eastside  
Power Supply System  
Wall Switches, High/Low & On/Off

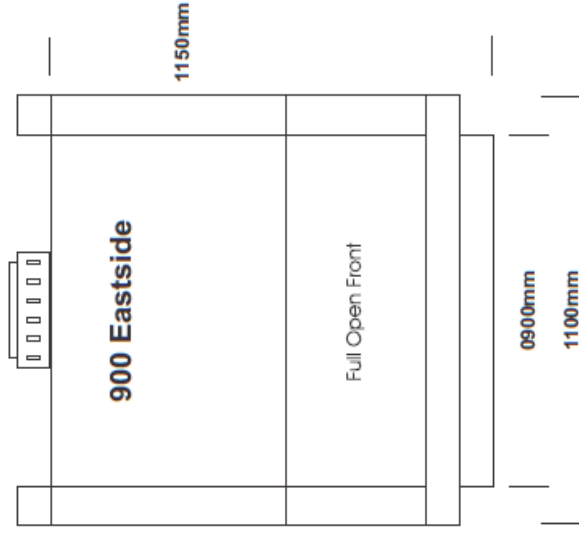
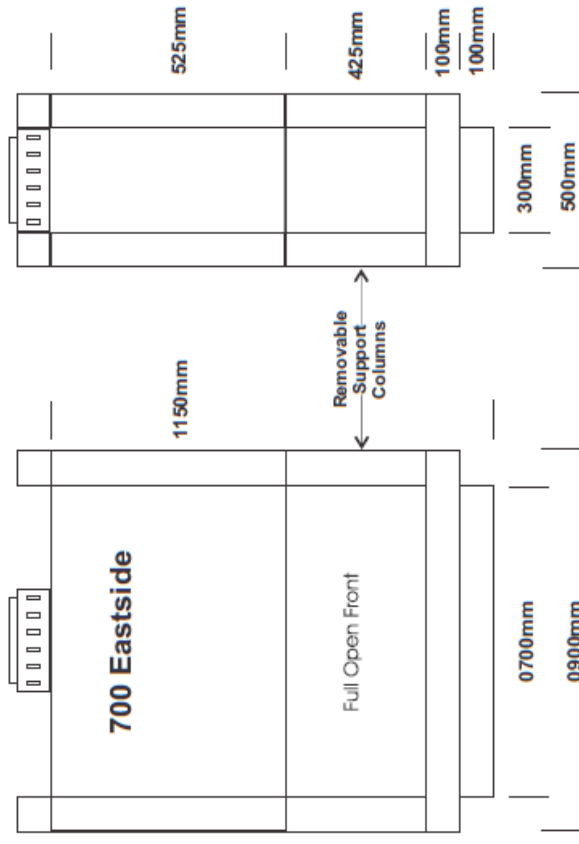
Drawing No 21



# LivingFlame

Eastside 0700, 0900  
Standard Firebox  
With Optional Spigots

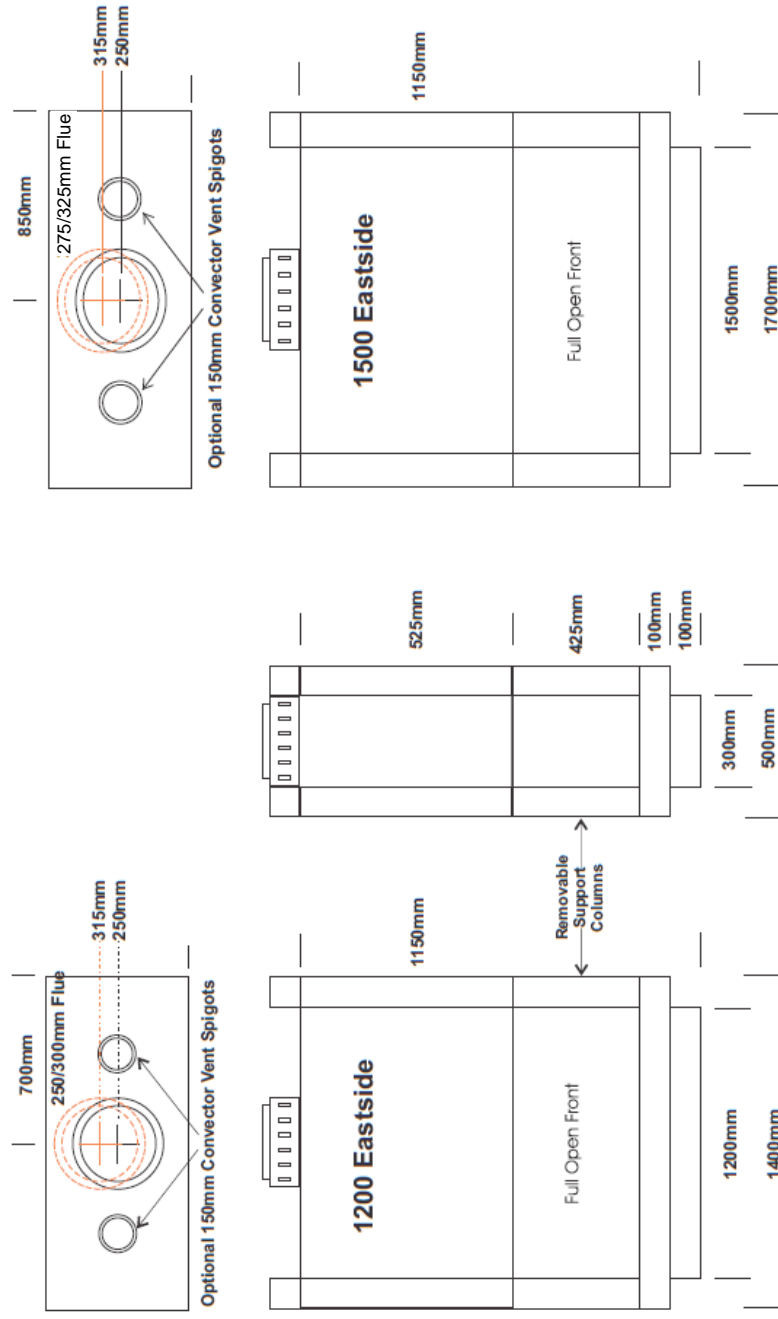
Drawing No 43



# LivingFlame

Eastside 1200, 1500  
Standard Firebox  
With Optional Spigots

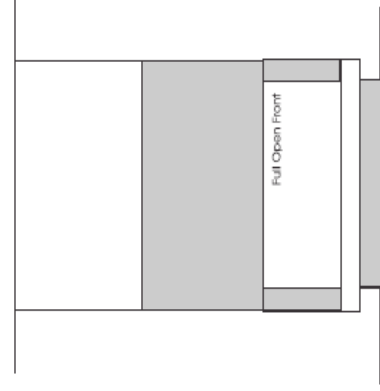
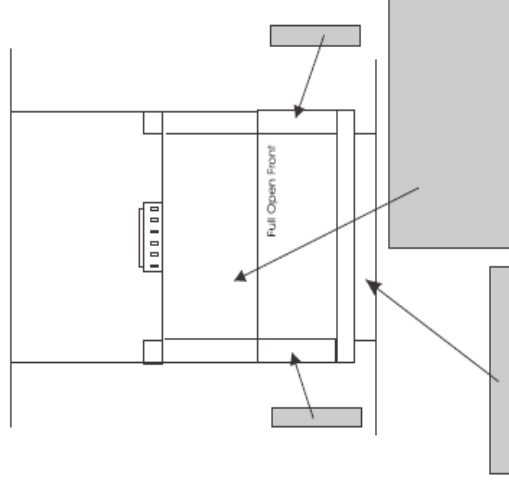
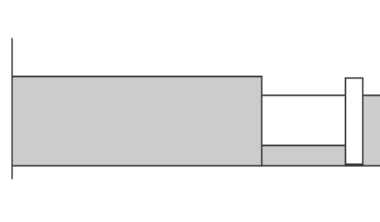
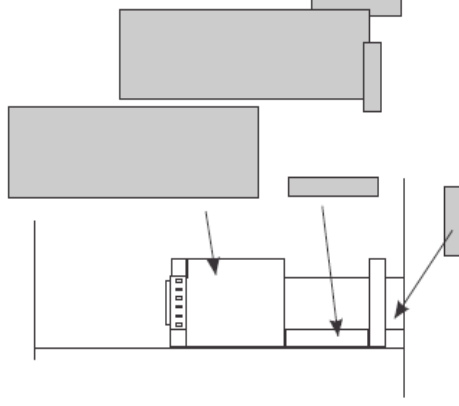
Drawing No 44



# LivingFlame

Eastside  
Cladding - Non Combustible  
Euro Model Shown

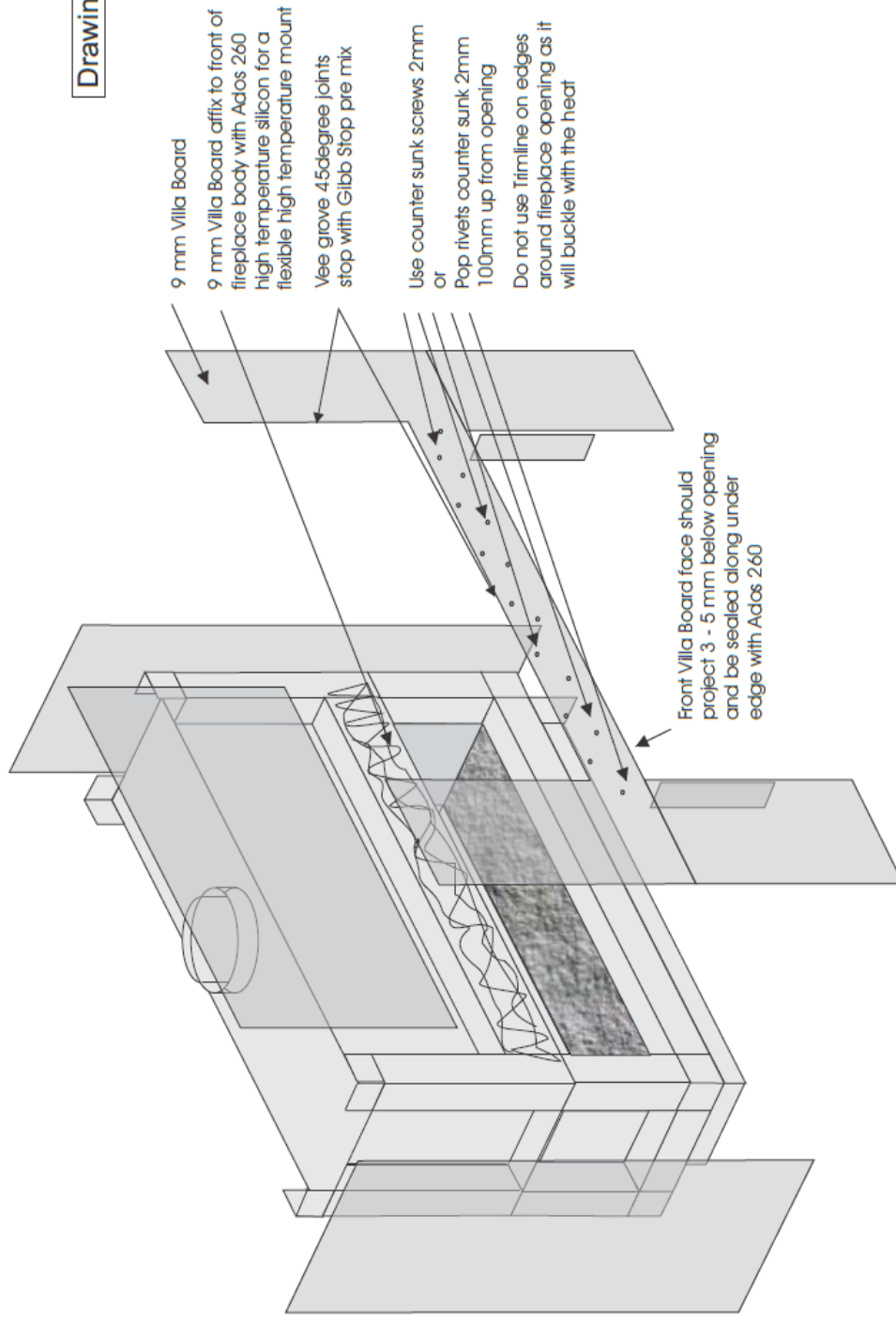
Drawing No 46



# LivingFlame

Eastside Recess  
Cladding

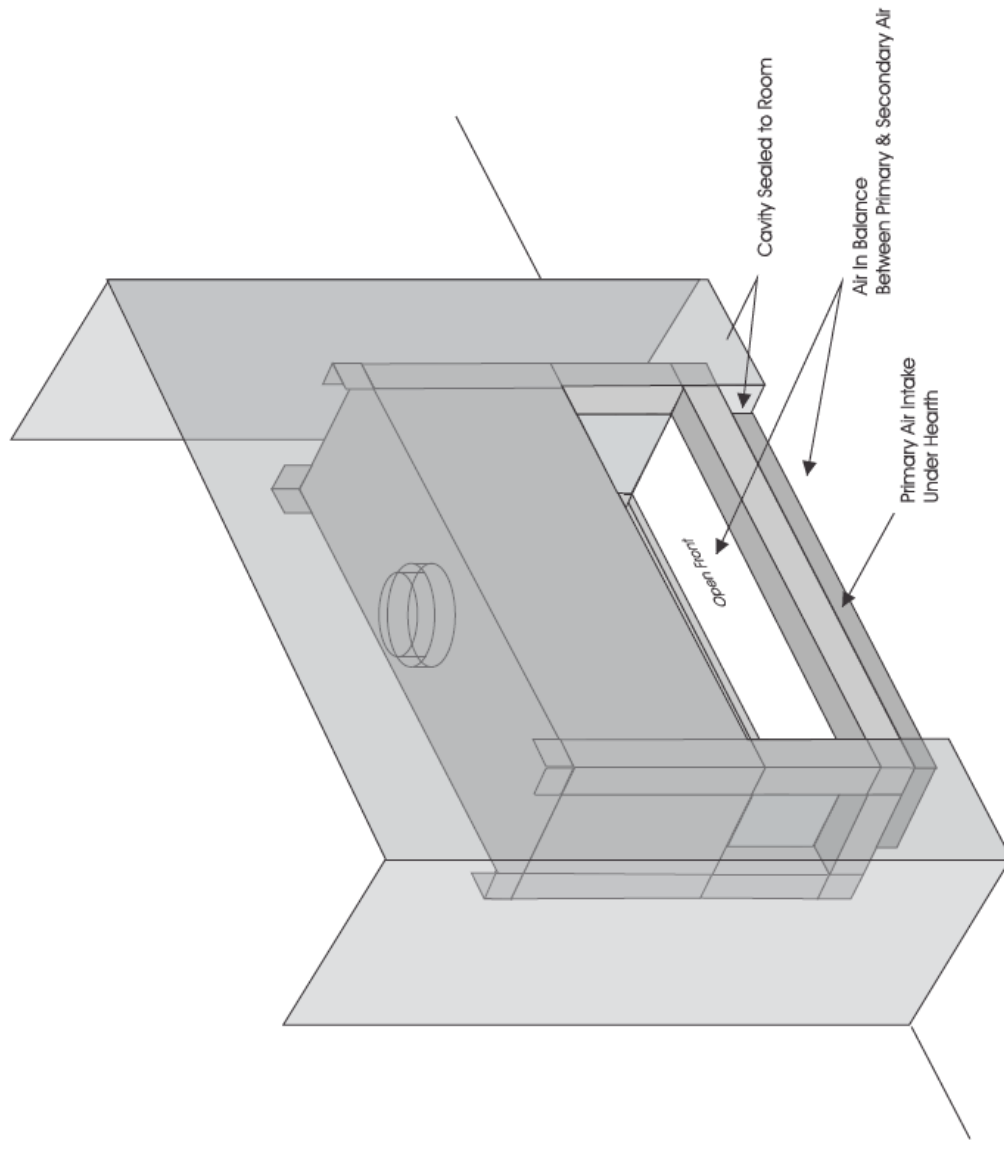
Drawing No 46a



# LivingFlame

Eastside  
Burner Air Balance  
Without Hearth  
Nova Model Shown

Drawing No 47

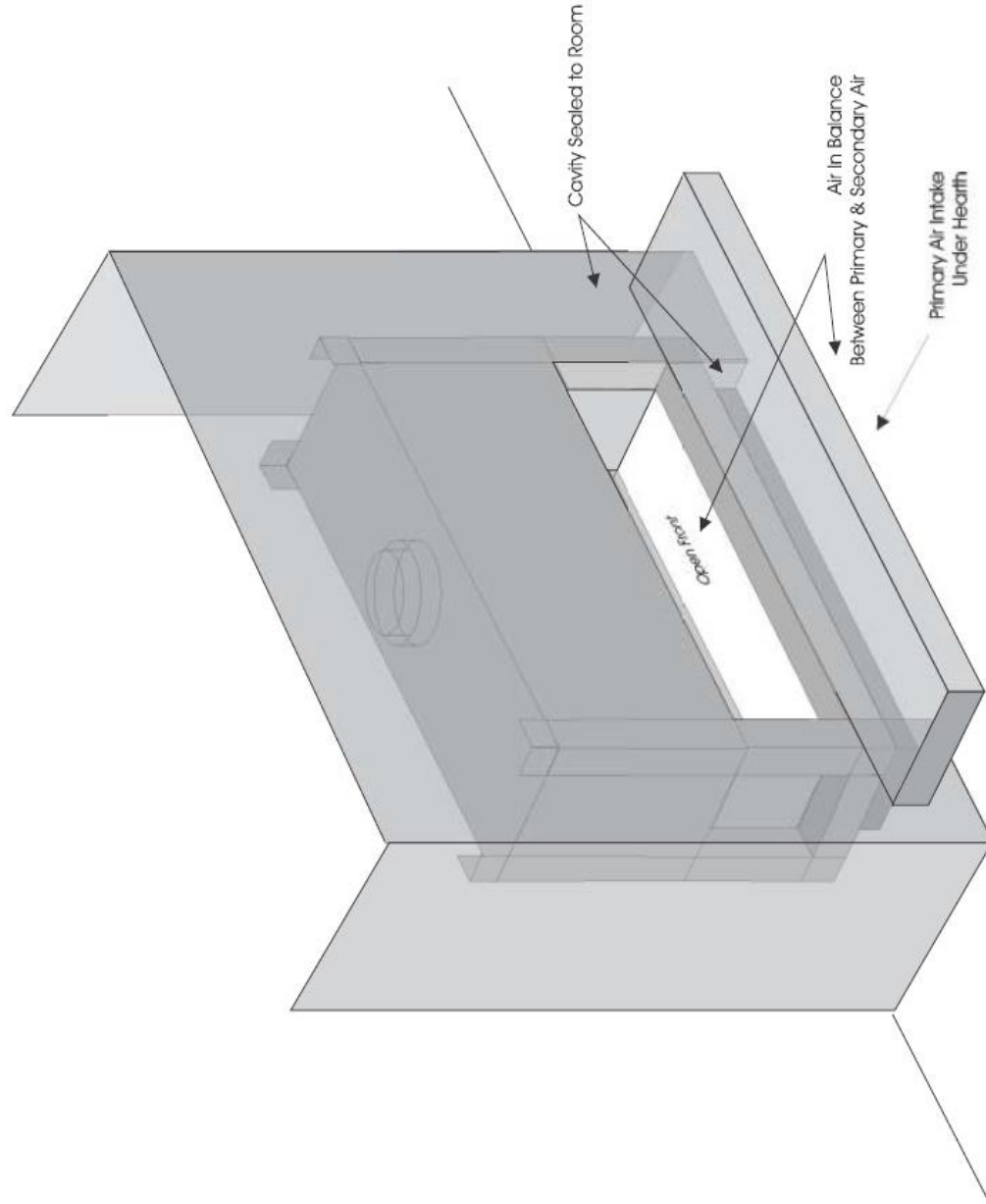




# LivingFlame

D'rsheed  
Burner Air Balance  
With Cantilevered Hearth  
Nova model shown

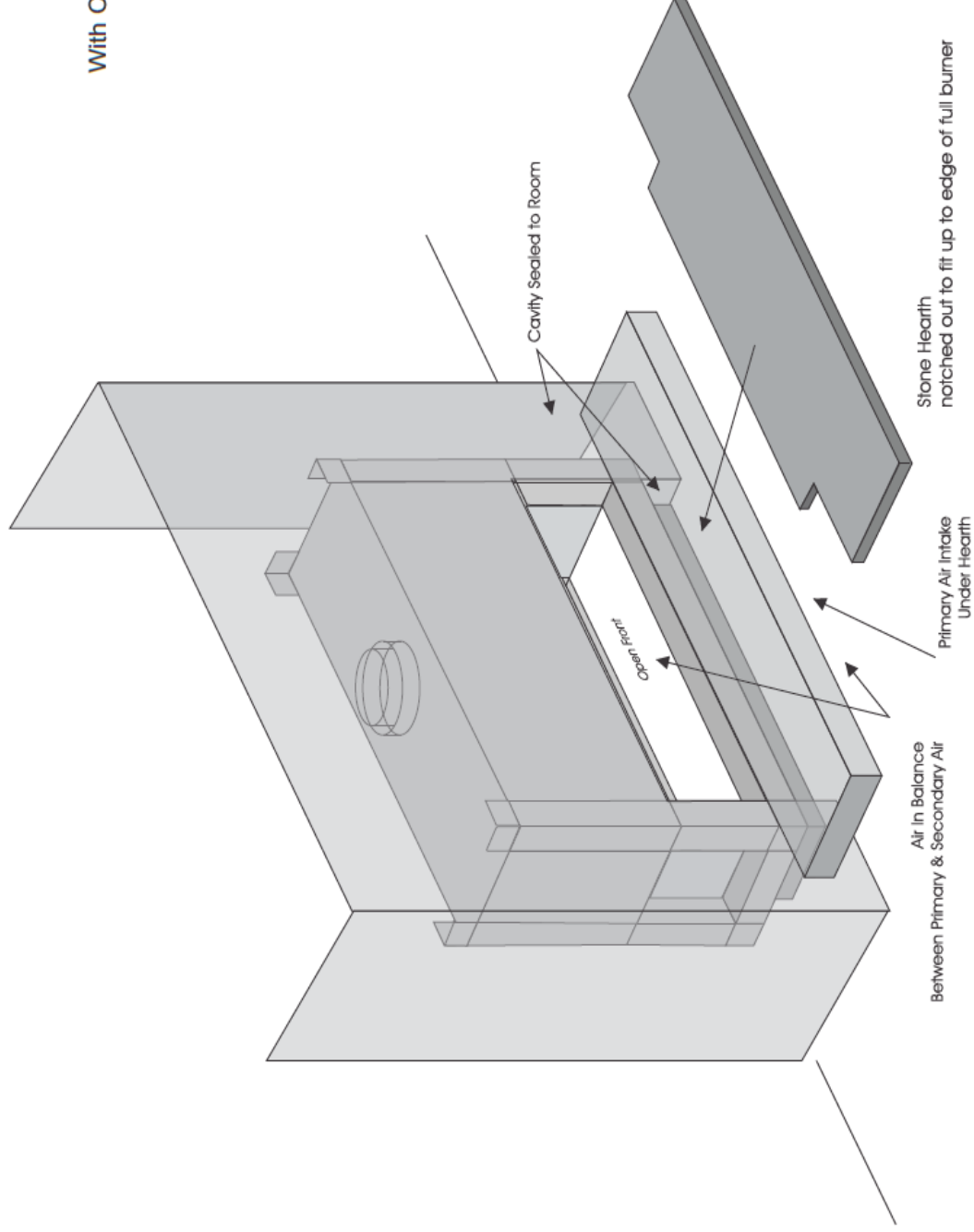
Drawing No 48



# LivingFlame

Eastside  
Burner Air Balance  
With Cantilevered Stone Hearth  
Nova model shown

Drawing No 49



**Please Note:**  
Finishing hearth materials must not overlap the front of the perforated grill or the front of the burner edge.

**Also Note:**  
A small gap must be left between the finishing hearth or cavity materials and the glass panels of the fireplace.

# LivingFlame

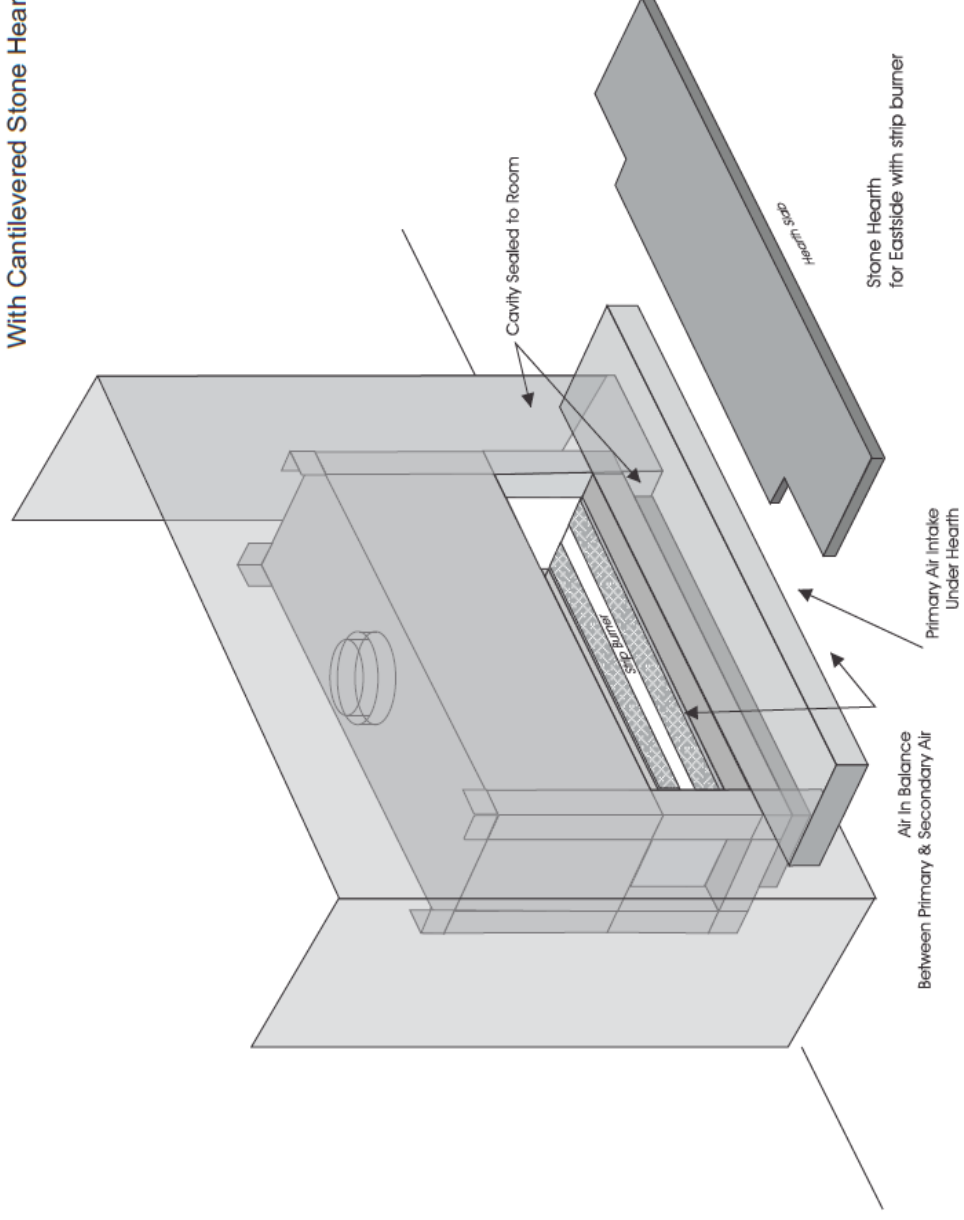
Eastside

Burner Air Balance

With Cantilevered Stone Hearth and Service Mesh Covers

Nova model shown

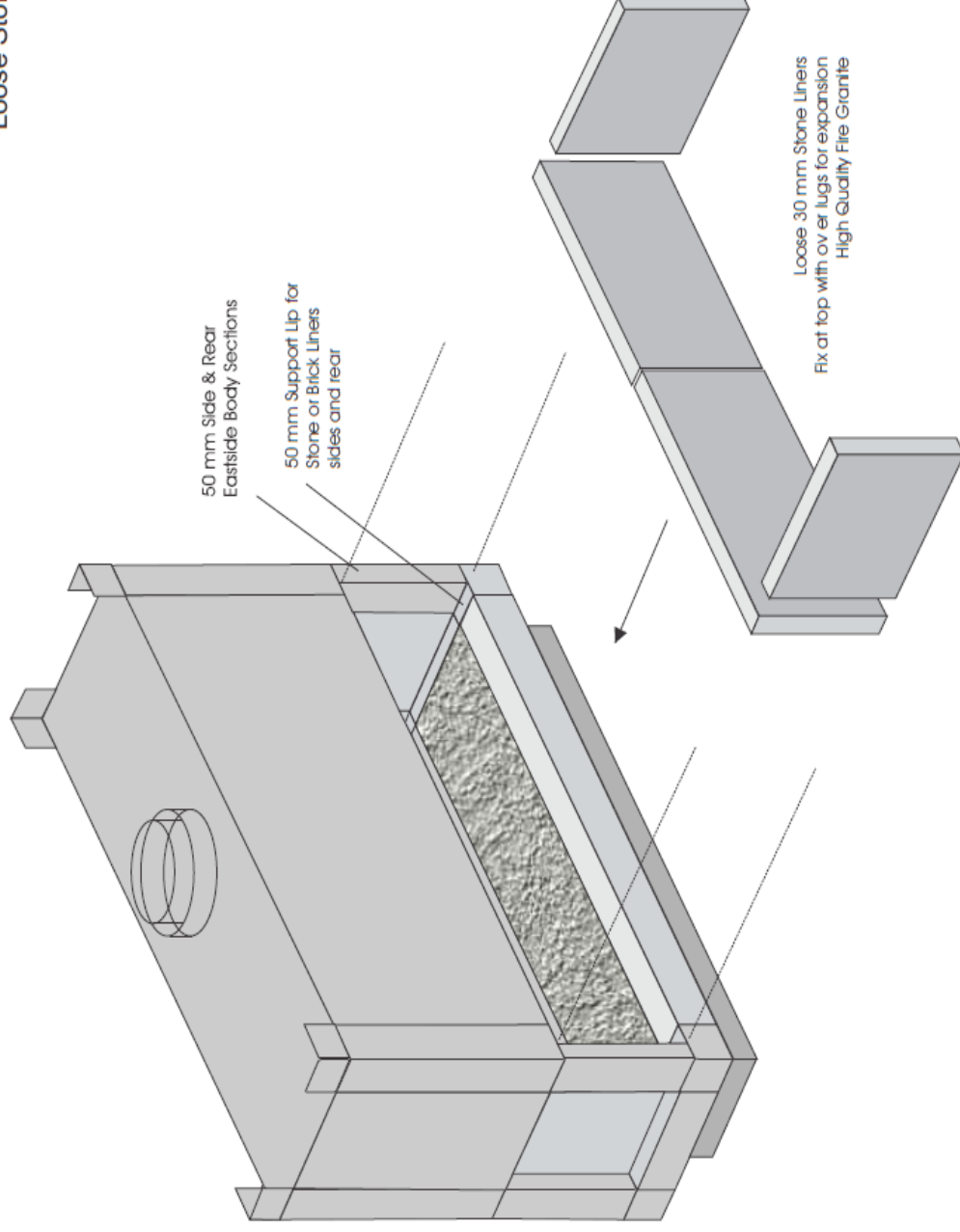
Drawing No 50



# LivingFlame

Eastside  
With 50mm Rebate  
Loose Stone Liners or Brick Slip Liners  
Nova model shown

Drawing No 51



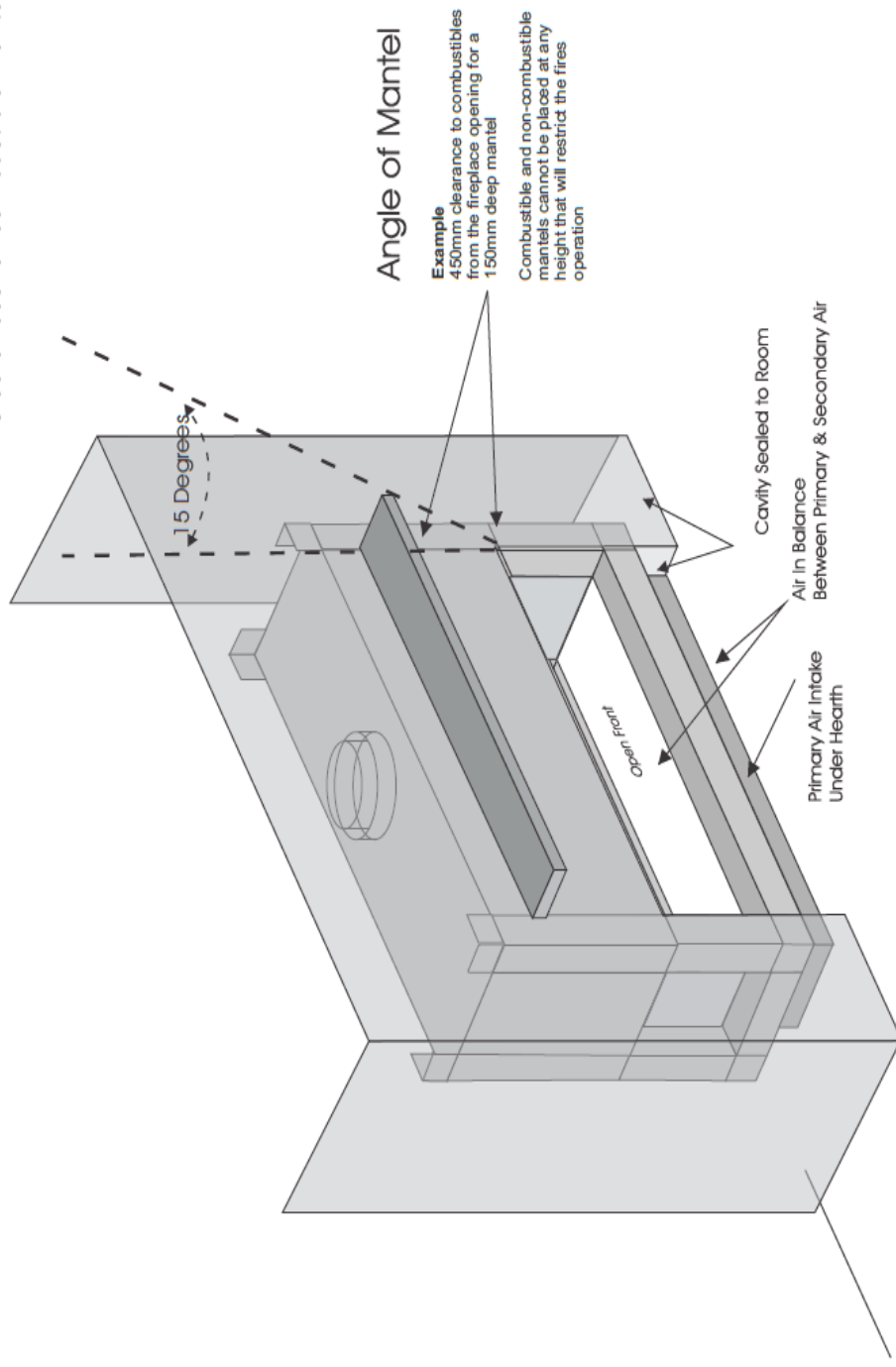
# LivingFlame

Eastside

Fireplace Mantel Height  
18" above fireplace opening

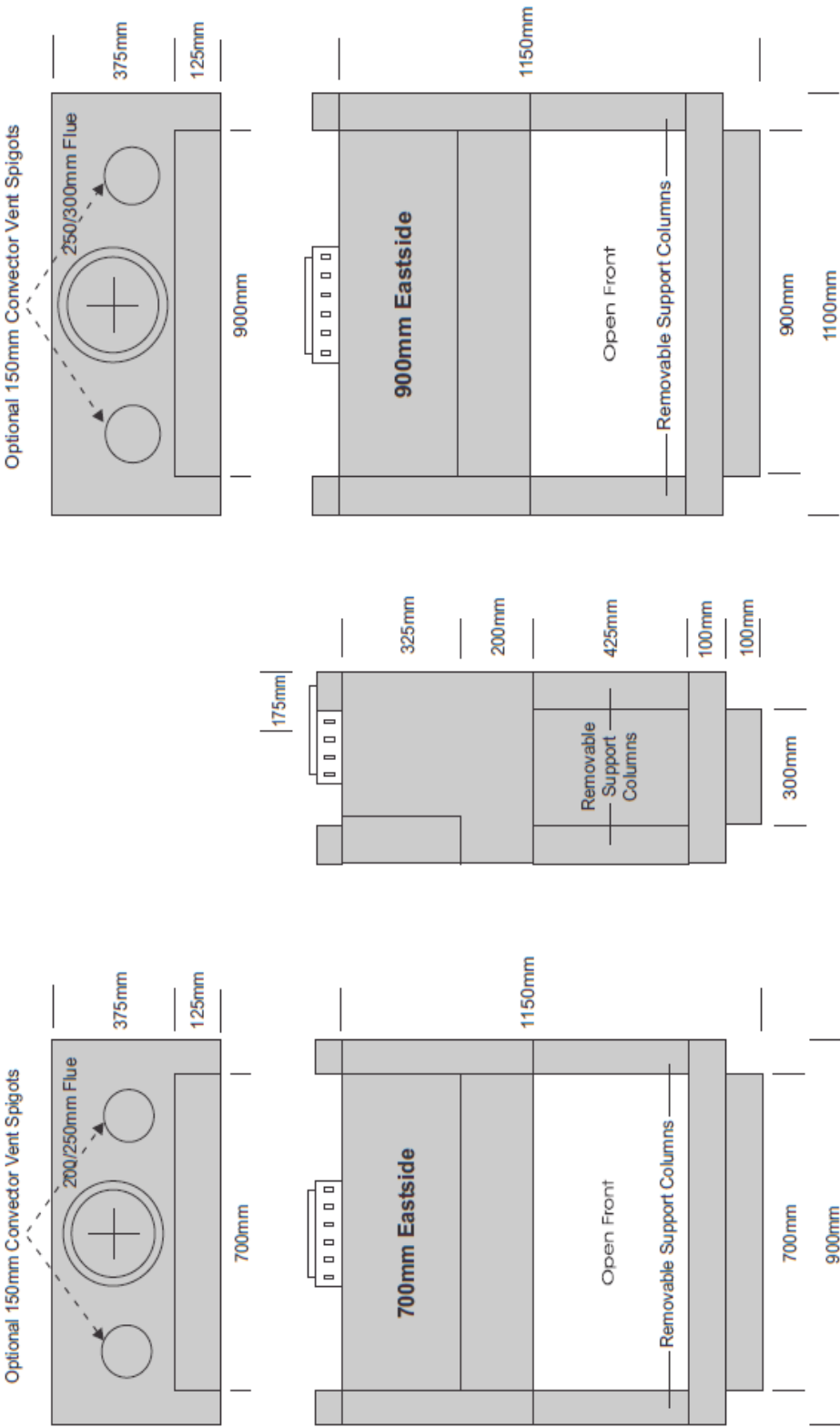
### Clearances for combustible mantel from fireplace opening

Drawing No 52



LivingFlame  
Eastside 700, 0900  
Firebox with Recess  
With Optional Spigots

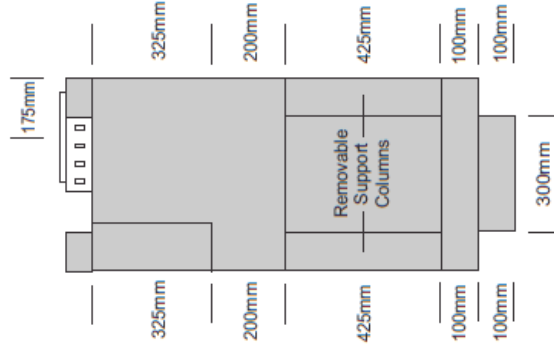
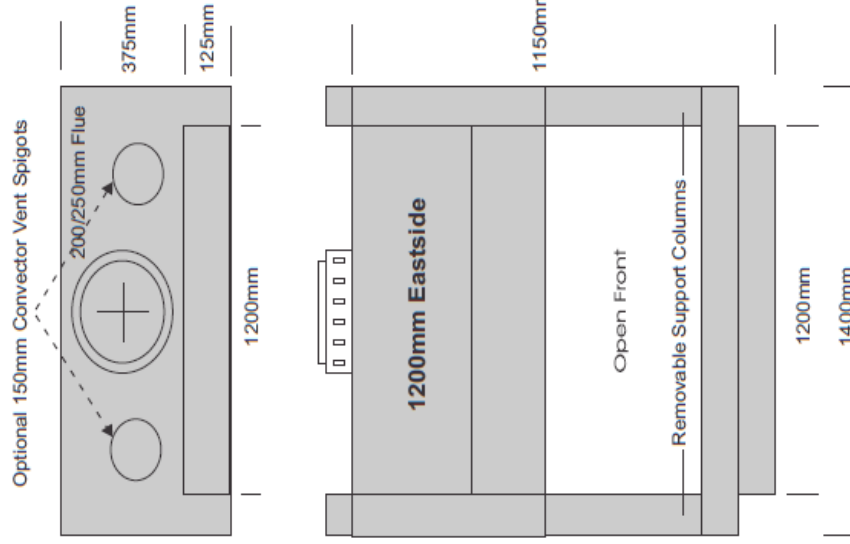
Drawing No 53



# LivingFlame

Eastside 1200, 1500  
Firebox with Recess  
With Optional Spigots

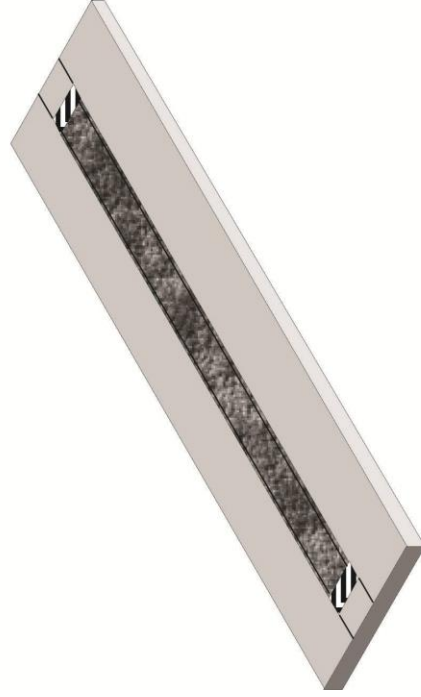
Drawing No 54



# Living Flame Eastside Burners

Strip Burner  
Full Burner

## Drawing No 56



Strip Burner  
75mm Deep  
Diffused Flames  
Effect - Cotswold Stones



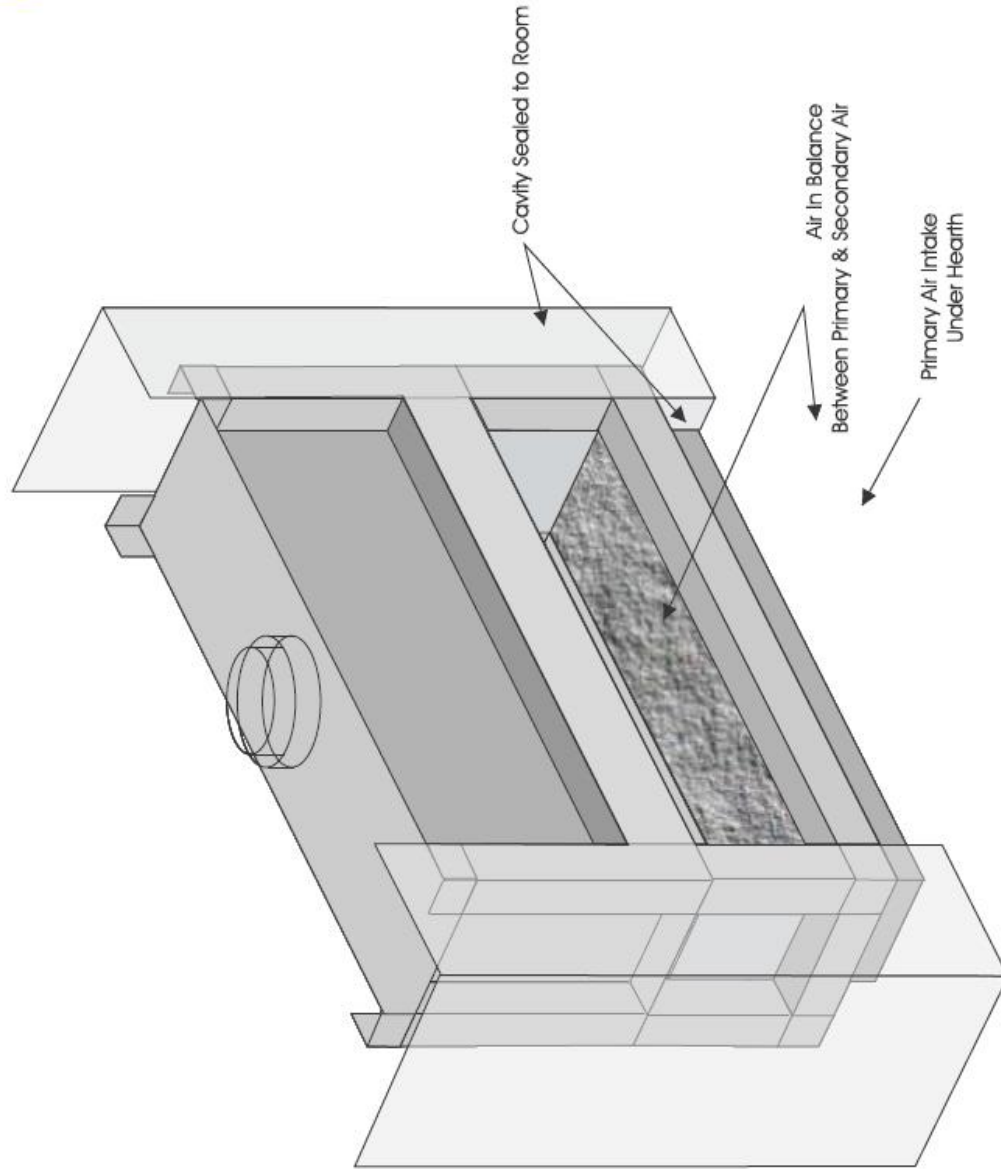
Full Burner  
300mm Deep  
Diffused Flames  
Effect - Cotswold Stones or Logs & Embers



# LivingFlame

Eastside Recess  
Burner Air Balance  
Nova Shown without Hearth

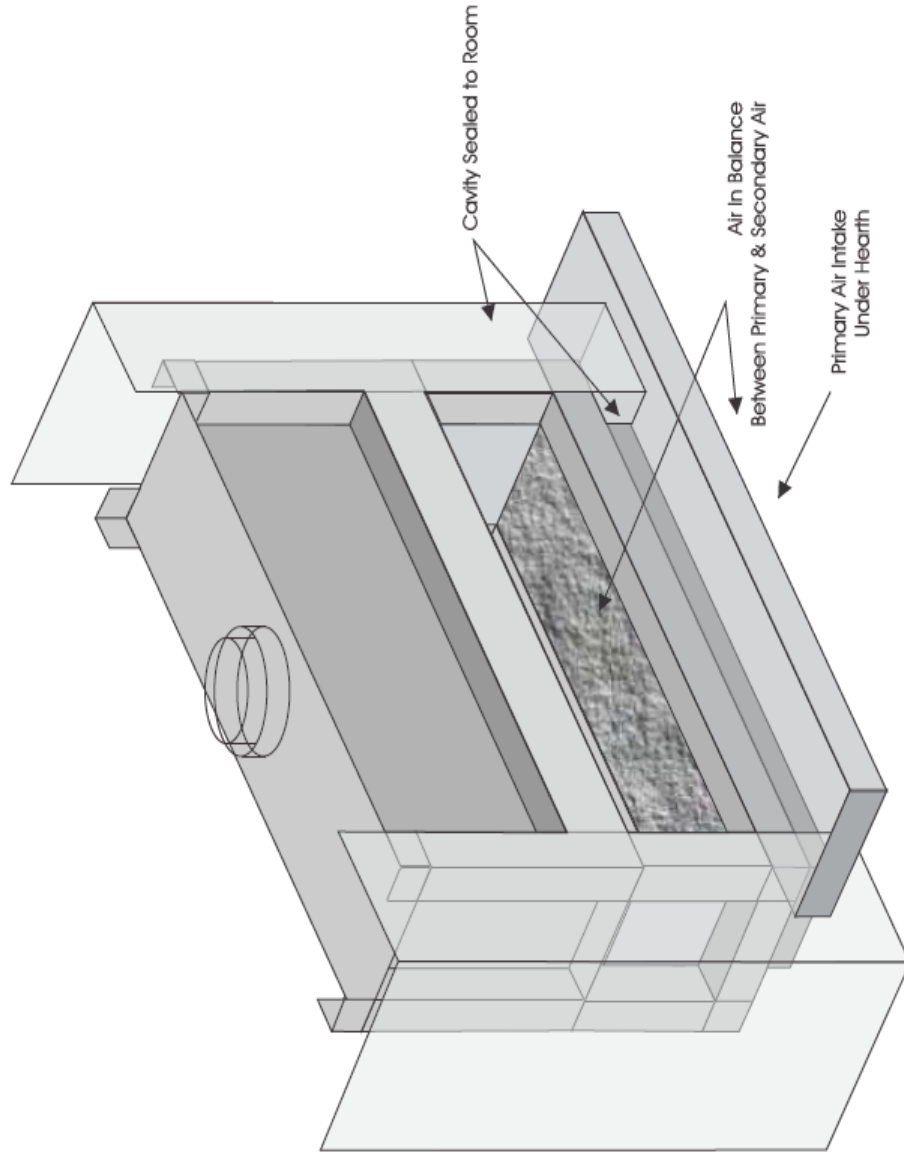
Drawing No 57



# LivingFlame

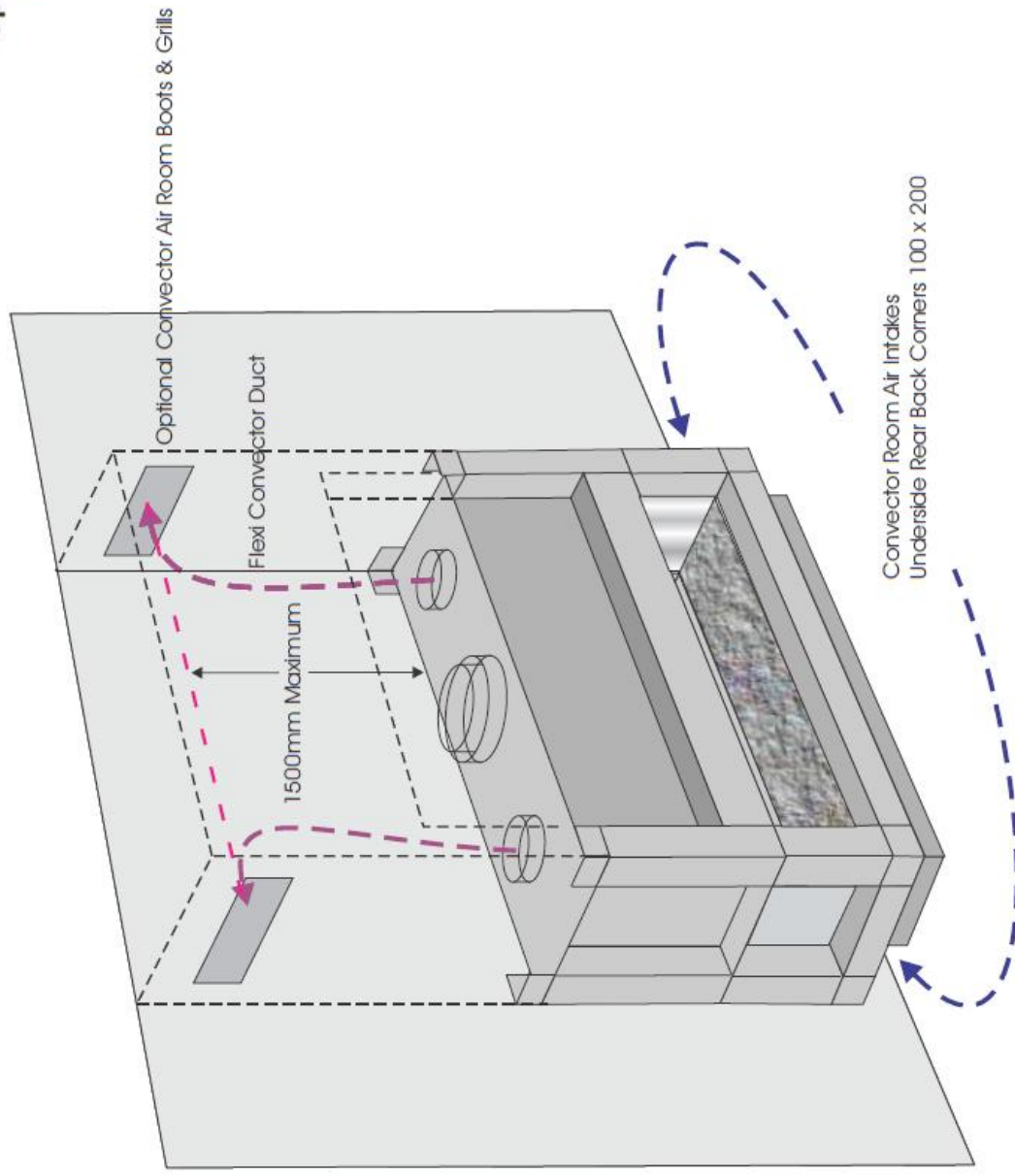
Eastside Recess  
Burner Air Balance with Cantilevered Hearth  
Nova Model Shown

Drawing No 58



**LivingFlame**  
Eastside Recess  
**Optional Convection Air**  
Nova Model Shown

Drawing No 59

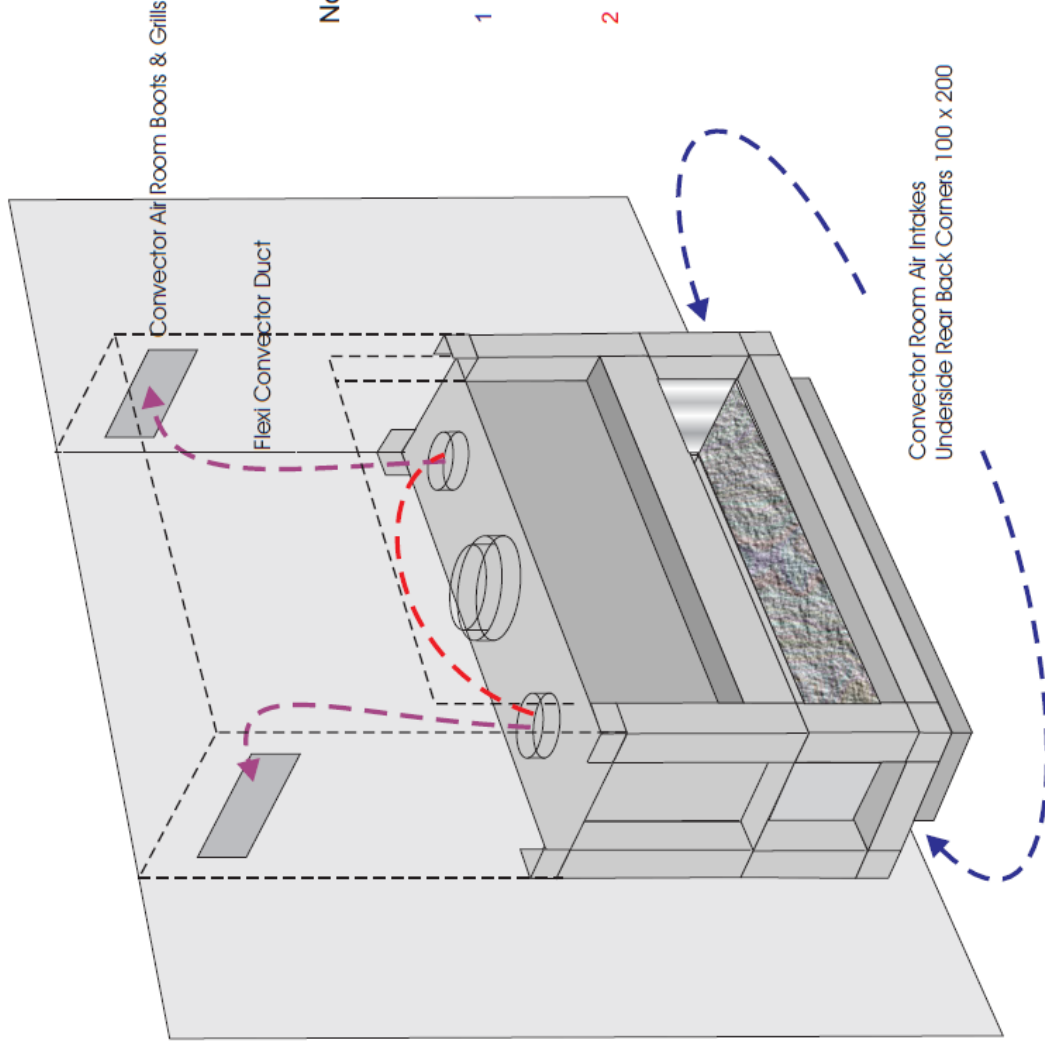


Drawing No 59A

Living Flame

Eastside  
Screen Recess

Convection Air  
Nova model shown



#### Note

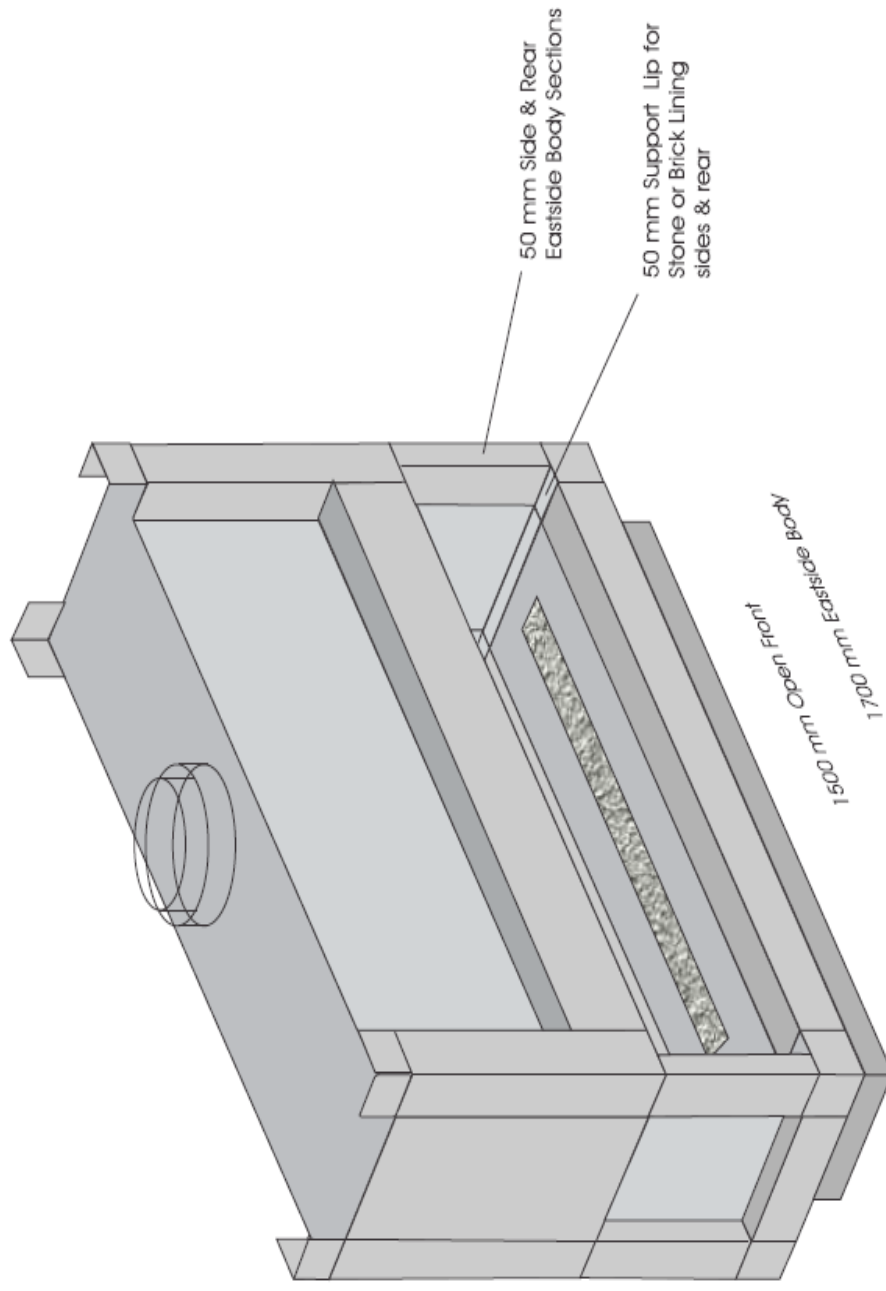
When installing an Eastside fireplace there are two options with or without the convector ducts fitted

- 1 # Fit the convector boots up high and connect the flexible ducts straight to them without kinks or bends in the ducts
- 2 # Where the convector ducts outlets are not required the convector outlets on the top of the fireplace can be blanked off or a short length of the flexible duct connected from one outlet to the other

# LivingFlame

Eastside Recess  
Rebate of 50mm Stone or Brick Lining  
Nova Model Shown

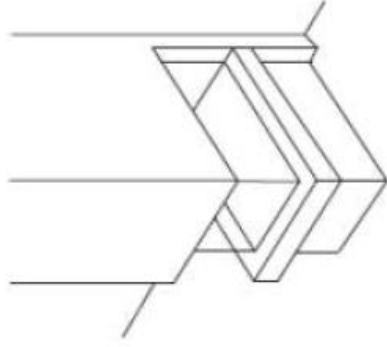
Drawing No 60



# LivingFlame

Eastside  
Configurations

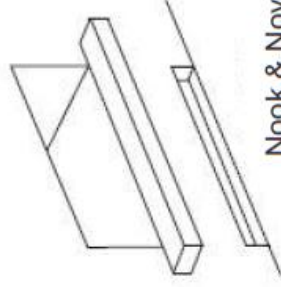
Drawing No 62



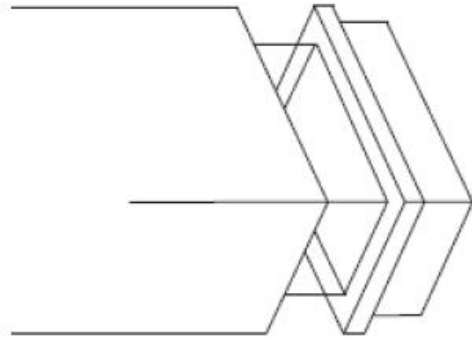
Vista



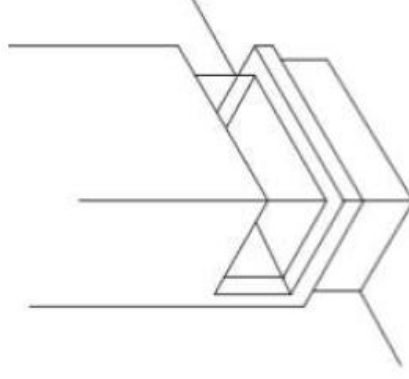
Niche



Nook & Nova



Vista



Euro

# LivingFlame

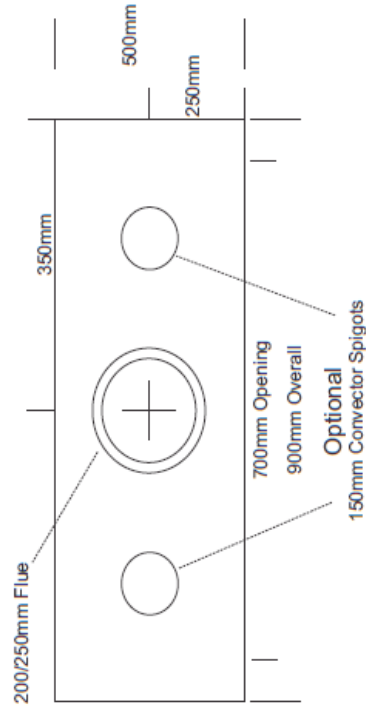
Eastside

Plan View - Standard 0700 & 0900

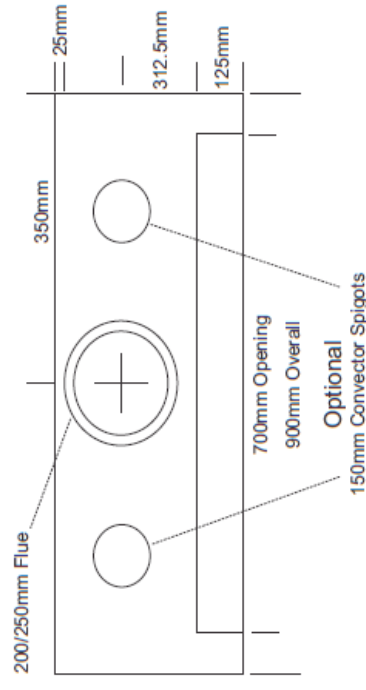
Plan View - Recess 0700 & 0900

Drawing No 63

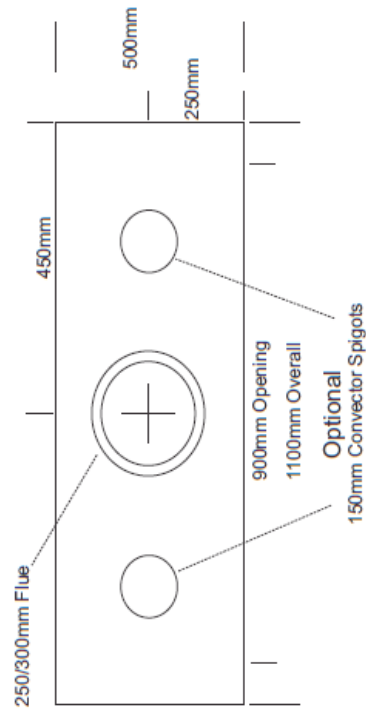
**Eastside - Standard - 700**



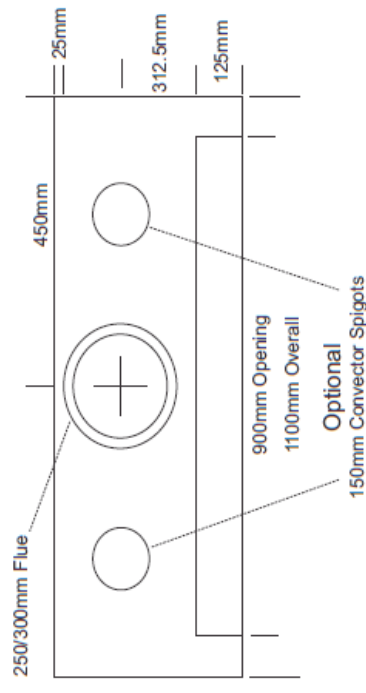
**Eastside - Recess - 700**



**Eastside - Standard - 900**



**Eastside - Recess - 900**



# LivingFlame

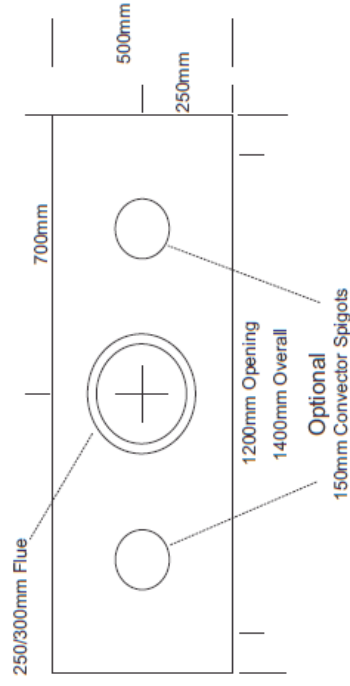
Eastside

Plan View - Standard 1200 & 1500

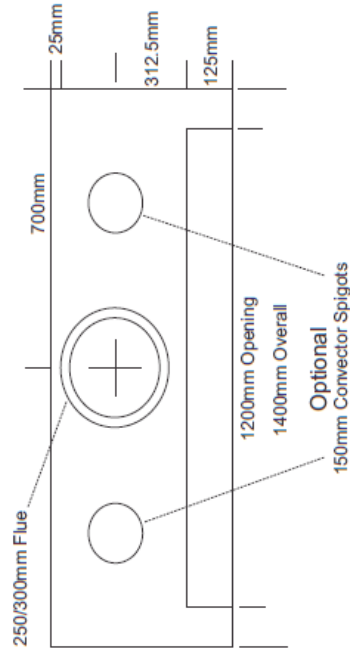
Plan View - Recess 1200 & 1500

Drawing No 63a

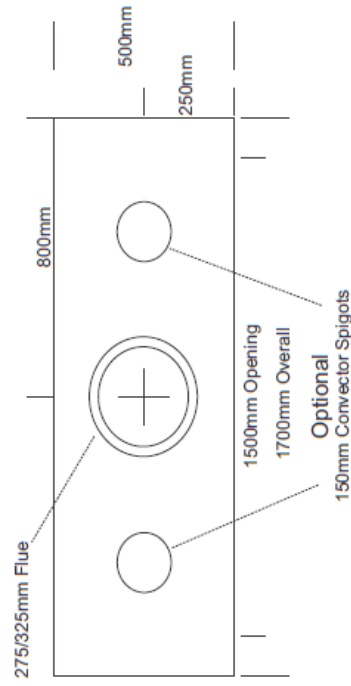
**Eastside - Standard - 1200**



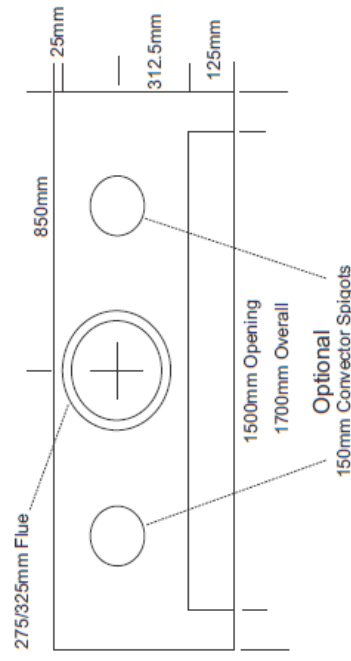
**Eastside - Recess - 1200**



**Eastside - Standard - 1500**



**Eastside - Recess - 1500**





# LivingFlame

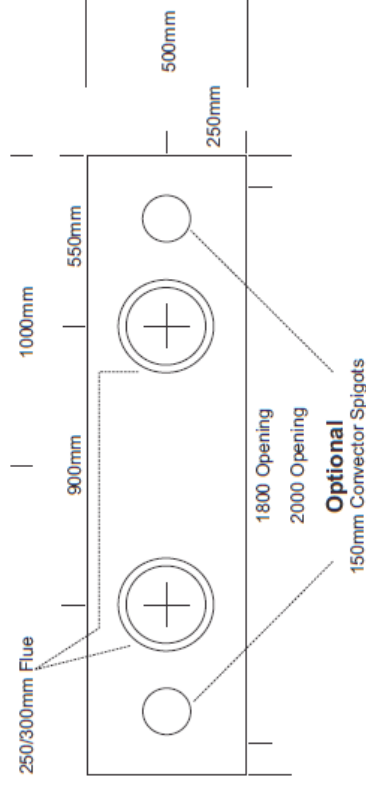
Eastside

Plan View - Standard 1800 & 2000

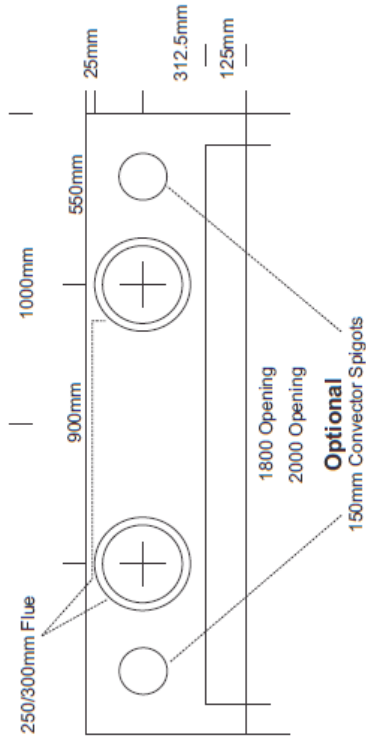
Plan View - Recess 1800 & 2000

Drawing No 64

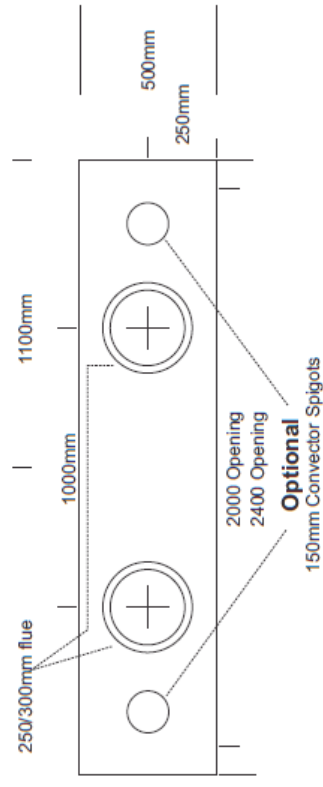
**Eastside - Standard - 1800**



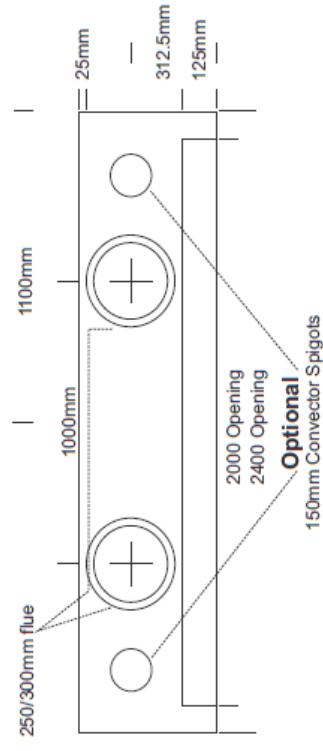
**Eastside - Recess - 1800**



**Eastside - Standard - 2000**



**Eastside - Standard - 2000**



# LivingFlame

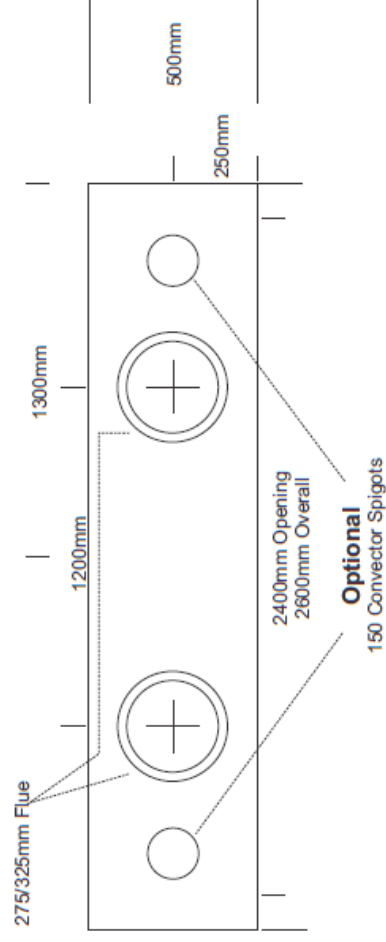
Eastside

Plan View - Standard 2400 & 3000

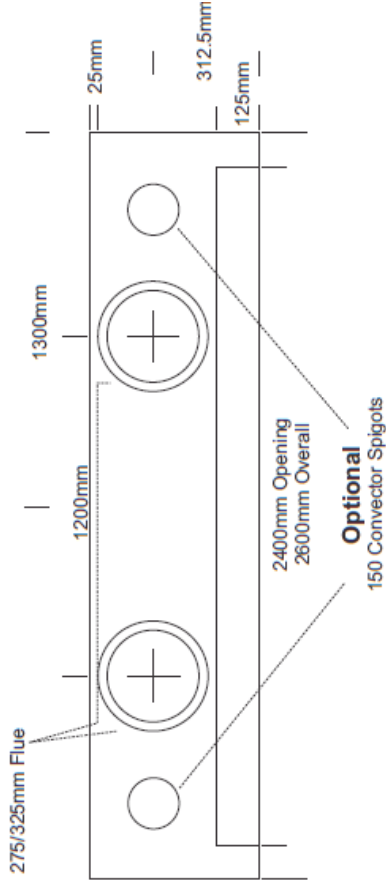
Plan View - Recess 2400 & 3000

Drawing No 65

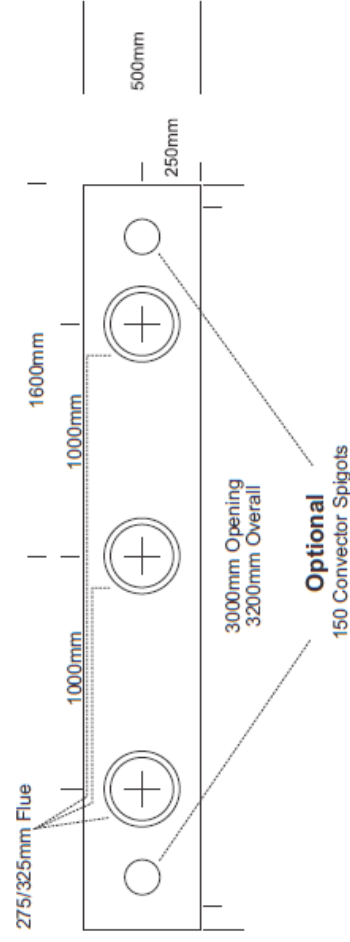
Eastside - Standard 2400



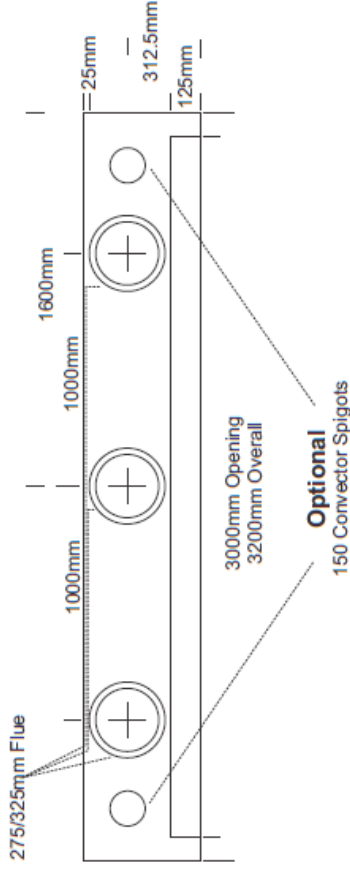
Eastside - Recess - 2400



Eastside - Standard 3000



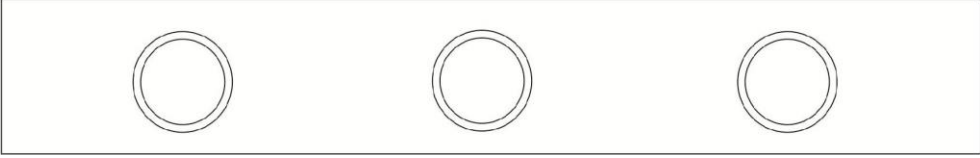
Eastside - Recess - 3000



Living Flame  
Eastside  
Number of Flues and Burners

Drawing No 66

3000  
Triple Burner  
Flue x 3 275/325mm



2400  
Twin Burner  
Flue x 2 275/325mm



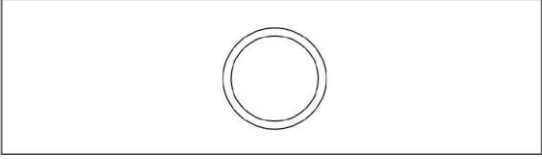
2000  
Triple Burner  
Flue x 3 275/325mm



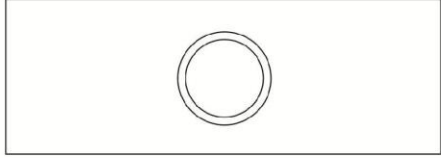
1800  
Single Burner  
Flue x 2 250/300mm



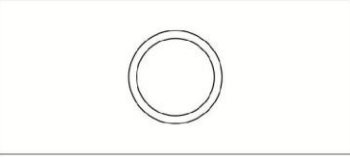
1500  
Single Burner  
Flue x 1 275/325mm



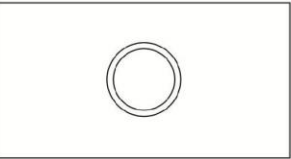
1200  
Single Burner  
Flue x 1 250/300mm



900  
Single Burner  
Flue x 1 250/300mm



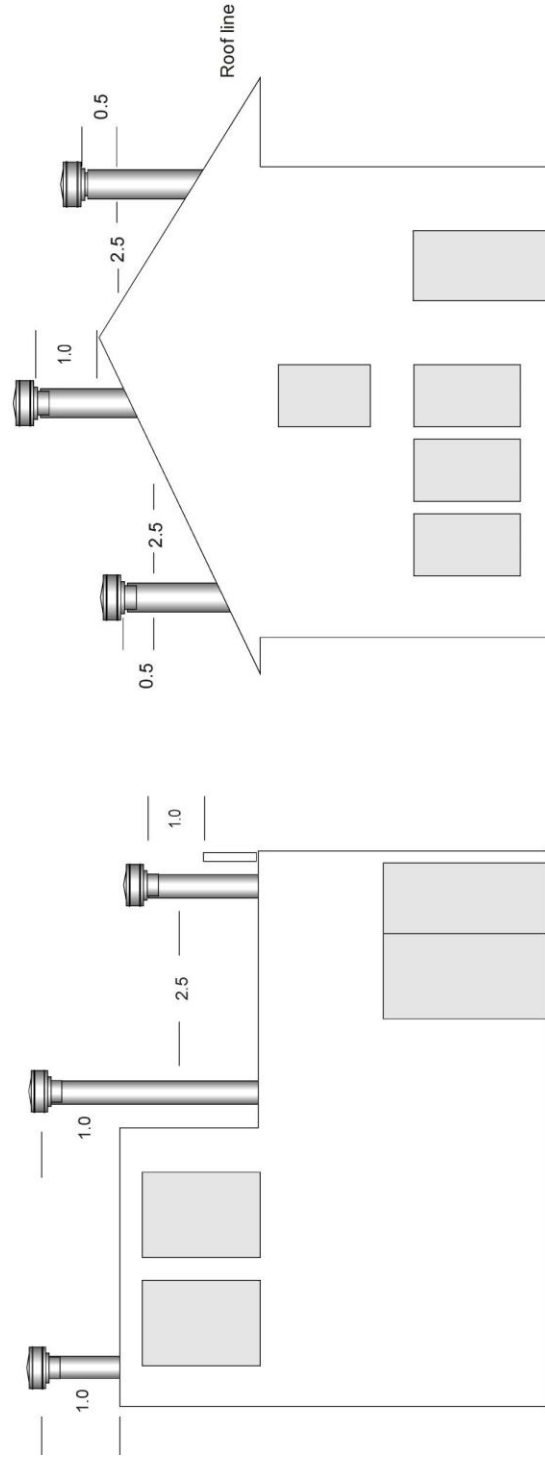
700  
Single Burner  
Flue x 1 200/250mm



# Living Flame

Cowl & Flue to Roof Clearances

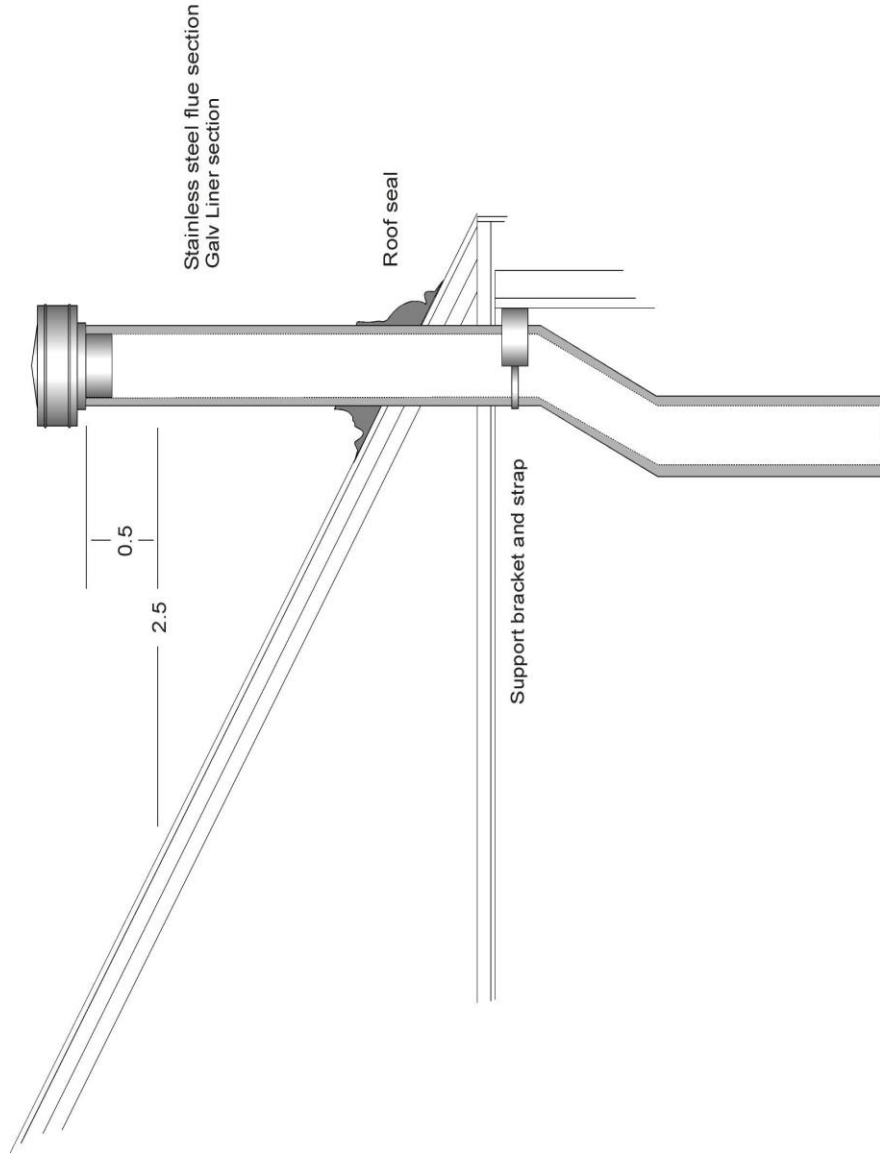
Drawing No 67



# Living Flame

Cowl Height Clearances

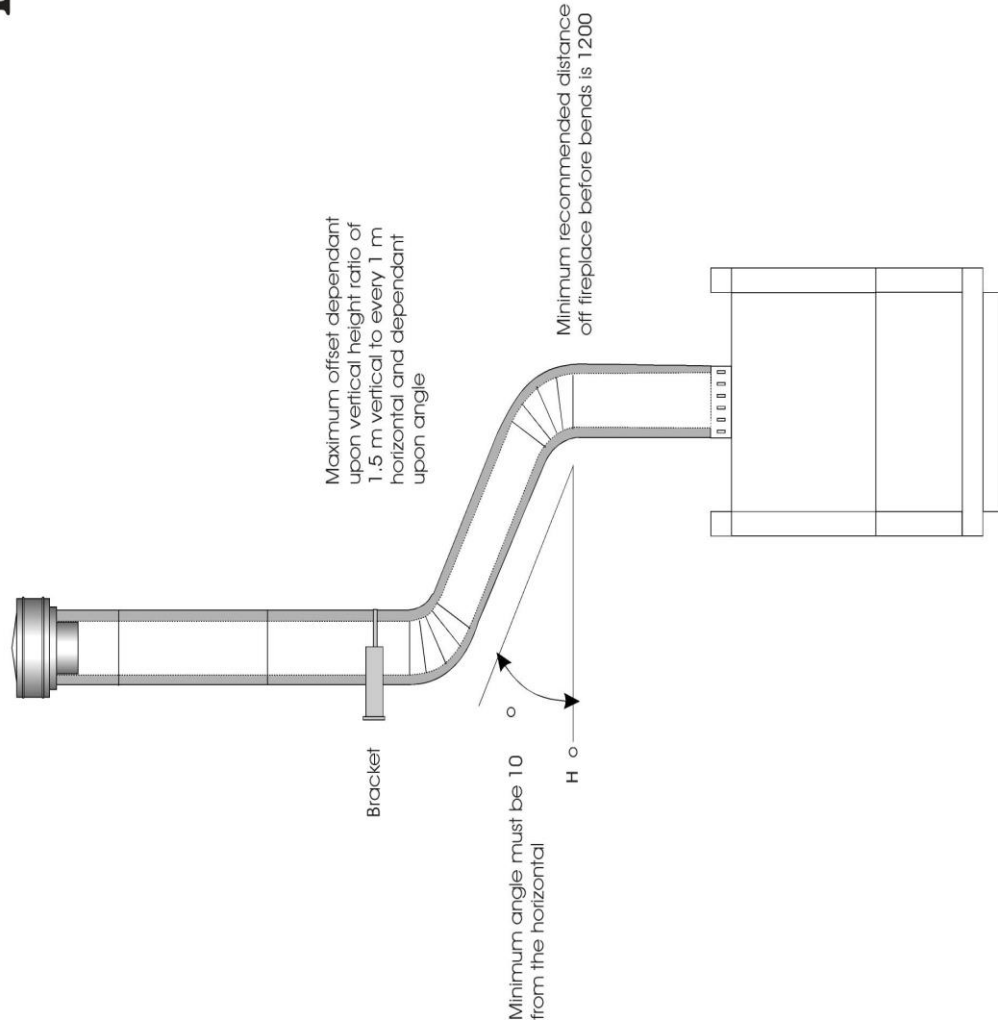
Drawing No 68



# Living Flame

## Flue Offset

Drawing No 69



## CONTACT

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343b Church Street

Penrose 1061, Auckland

New Zealand

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