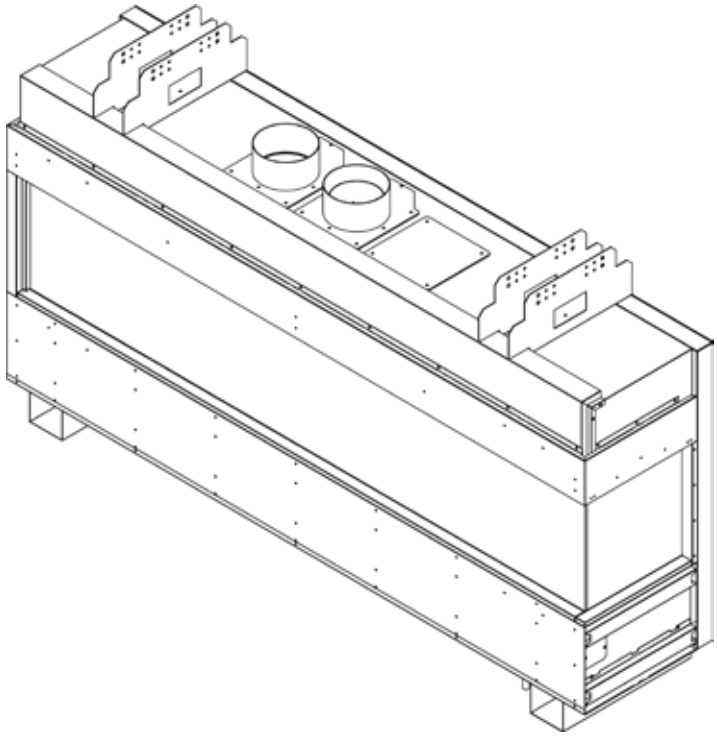
SCAN FOR THE LATEST VERSION

NUVO 1200 & 1800
FLAME EFFECT GAS APPLIANCE
0-50m & 0-9m FLUE CONFIGURATIONS

INSTALLATION AND OPERATIONS MANUAL



The Real Flame Nuvo Gas Appliance is designed to be installed into a frame out installation.
Designed to operate on Natural gas, LPG and ULPG

Approval no. GMK 10795

Consumer safety information: please read this manual before installing and operating this appliance. Failure to follow these instructions may result in a possible fire hazard and/or injury and will void the warranty.

Version 3.1

REAL FLAME

CONTENTS

WELCOME

Congratulations on your selection of the elegant Nuvo Gas Fireplace. Enjoy enchanting flame patterns in an elegant room sealed gas fireplace. The Nuvo Range is simply breathtaking from all angles and configurations. Nuvo has been designed with fuel beds which have been crafted from bush gathered from the mountains surrounding Real Flame's base in Melbourne, Victoria. We hope you create endless memories in front of this fireplace.

Read this manual before attempting to install or use the fireplace. Always comply with the warnings and safety instructions contained in this manual to prevent injury or property damage. When using the fireplace basic precautions should always be followed to reduce the risk of fire and injury.

INSTALLATION NOTICE

The installation of this appliance is only to be carried out by an authorised person in accordance with the Manufacturer's Instructions, local gas fitting regulations, AS/NZS5601.1-2013 installation code for gas burning appliances and any other relevant statutory regulations.

In all cases the installation of this appliance shall meet the requirements as set out in AS/NZS5601.1-2013.

Do not install in a fireplace as a Type 1 installation. Not intended as a fireplace insert.

NOTE: A slight smell may be apparent for the first few hours of use. This is due to the heat resistant paint curing. It is recommended to open windows in the room for the first lighting of the fire. In some instances a slight discolouration may occur inside the firebox. This is a normal condition and is not covered by warranty.

WARNING

The Nuvo gas fireplace has a primary safety glass fitted. This safety glass is fitted to this appliance to reduce the risk of injury from burns and at no time should this glass be permanently removed.

To reduce the risk of fire or injury from burners and for the protection of young children or the infirm, a secondary guard is recommended.

The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
The glass panel gets extremely hot! Precaution should be taken and young children supervised at all times when the heater is operating.

IMPORTANT SAFETY NOTICE

Do not place articles on or against this appliance.
Do not use or store flammable materials in or near this appliance.
Do not spray aerosols in the vicinity of this appliance whilst it is in operation.
Care must be taken to ensure that any return air register or exhaust system does not adversely affect the operation of the appliance or draught of chimney or flue.
Do not modify this appliance.
Appliance is designed to operate with luminous flames. May exhibit slight carbon deposit.

SERVICING

It is recommended you service your gas fire every 2 years as a minimum.

CORD REPLACEMENT

Electrical cord replacement must be undertaken by qualified and trained personnel only.

NOTE

APPLIANCE IS PRIMARILY A DECORATIVE AND NOT A HEATING APPLIANCE.

INSTALLATIONS OF NUVO IN EXTREME ENVIRONMENTS

Note – The installation of the appliance may not be suitable for use, may have a reduced performance or may have intermittent operation in some extreme environments.

Extreme environments may be areas or high wind (Approx 65km/hr or higher) including high gust areas, high altitudes, alpine or snow areas, extreme frost areas, coastal areas, multistory or high rise buildings, exposed alfresco areas and extreme weather events.

The appliance has been designed and tested to ensure it meets the operational requirements of the Australian standards AS/NZS5263.1.3 Gas space heaters and will provide reliable operation in most conditions while maintaining appliance safety in all conditions.

The installation into an extreme environment may exceed the working limits of the appliance and the appliance may have a reduced output, suffer infrequent stop starting, fail to operate or have a reduced life expectancy when installed in a corrosive environment.
Finishes in some appliances may also not be suitable for semi exposed or corrosive environments.
When installed as per instructions the appliance will continue to operate safely or will shut down in a safe manner.

Non operation or reduced life expectancy due to extreme conditions is not a failure of the appliance and is not a warranty defect.

Glen Dimplex Australia must be consulted prior to any installation into an extreme environment.

SPECIFICATIONS OF NUVO 1200

Appliance Type	Room Sealed Decorative Gas Fireplace		
Gas Type	Natural Gas	LPG	ULPG
Gas Input	27 High/21 Low	27 High/22 Low	21.5 High/18.5 Low
Operating Pressure (TPP)	0.85kPa High / 0.50kPa Low	2.1kPa High / 1.50kPa Low	2.00kPa High / 1.50kPa Low
Max - Min Inlet Pressure Range	Min 1.13kPa Max 5.00kPa	Min 2.75kPa Max 5.00kPa	Min 2.75kPa Max 5.00kPa
Injector Size	3 x 1.50mm	3 x 0.90mm	3 x 0.75mm
Aeration Settings			
Media Setup	Natural Gas	LPG	ULPG
Redgum and Coals	3.5 mm diameter hole (2 off)	8.0 mm diameter hole (2 off)	8.0 mm diameter hole (2 off)
Alpine Forest	3.5 mm diameter hole (2 off)	8.0 mm diameter hole (2 off)	8.0 mm diameter hole (2 off)
Tasman Shoreline	3.5 mm diameter hole (2 off)	8.0 mm diameter hole (2 off)	8.0 mm diameter hole (2 off)
River Gorge	3.5 mm diameter hole (2 off)	8.0 mm diameter hole (2 off)	8.0 mm diameter hole (2 off)
Nordic Pine	3.5 mm diameter hole (2 off)	8.0 mm diameter hole (2 off)	8.0 mm diameter hole (2 off)

SPECIFICATIONS OF NUVO 1800

Appliance Type	Room Sealed Decorative Gas Fireplace		
Gas Type	Natural Gas	LPG	ULPG
Gas Input	32 High/29 Low	32 High/29 Low	28 High/23 Low
Operating Pressure (TPP)	0.65kPa High / 0.50kPa Low	2.00kPa High / 1.70kPa Low	2.20kPa High / 1.70kPa Low
Max - Min Inlet Pressure Range	Min 1.13kPa Max 5.00kPa	Min 2.75kPa Max 5.00kPa	Min 2.75kPa Max 5.00kPa
Injector Size	3 x 1.90mm	3 x 1.00mm	3 x 0.90mm
Aeration Settings			
Media Setup	Natural Gas	LPG	ULPG
Redgum and Coals	4.0 mm diameter hole (2 off)	9.0 mm diameter hole (2 off)	9.0 mm diameter hole (2 off)
Alpine Forest	4.0 mm diameter hole (2 off)	9.0 mm diameter hole (2 off)	9.0 mm diameter hole (2 off)
Tasman Shoreline	4.0 mm diameter hole (2 off)	9.0 mm diameter hole (2 off)	9.0 mm diameter hole (2 off)
River Gorge	4.0 mm diameter hole (2 off)	9.0 mm diameter hole (2 off)	9.0 mm diameter hole (2 off)
Nordic Pine	4.0 mm diameter hole (2 off)	9.0 mm diameter hole (2 off)	9.0 mm diameter hole (2 off)

OPERATION INSTRUCTIONS

USER INSTRUCTIONS

- Do not operate if you smell gas. Turn appliance off, extinguish any open flame. Contact your installer or a licensed gasfitter.

- Do not use if any part of this appliance has been submerged in water. Contact your installer or a qualified service technician.

- Solid fuels must not be burnt in the fire. Leaves, sticks, wood, paper food or material must be kept away from the fire.

- Should the appliance fail to ignite or was recently turned off, allow 5 minutes before attempting to reignite appliance. In the event of abnormal operation please contact your licensed gas installer, gas service personnel or Glen Dimplex Pty Ltd. Abnormal operation may consist of the following, noisy fan, excessive or small flame, unusual flame appearance or colour, excessive sooting or other.

Operating instructions - Wall switch control

- Press wall on/off switch to on, wait 30 seconds and appliance should start to operate.
- Press high / low wall switch to control flame height.
- Turn appliance off using wall switch. Appliance will run through a 5 minute cool down cycle. (Note –appliance will not restart during this period if appliance is turned back on, after 5minutes appliance will restart if the switch in the on position.)

CBUS or similar control (Note requires the appliance to be connected to CBUS or similar system)

The Nuvo decorative gas fireplace can be easily controlled by most home automation systems.

The Nuvo appliance is supplied with an on/off switch and a high/low burner flame switch.

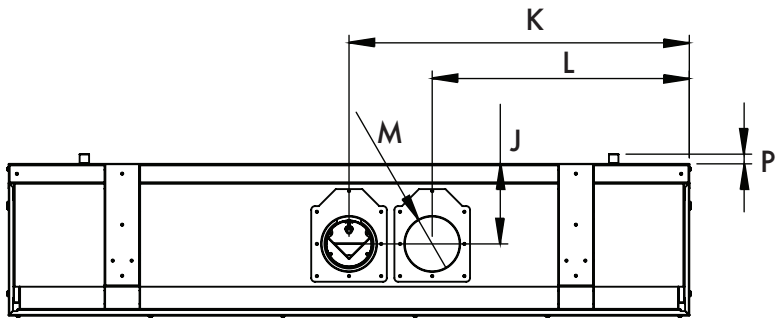
Home automation control can be obtained by either replacing these switches with home automation relays (min rating 230VAC 1.5amp) or by keeping the manual switches and fitting home automation relays in parallel to the manual switches.

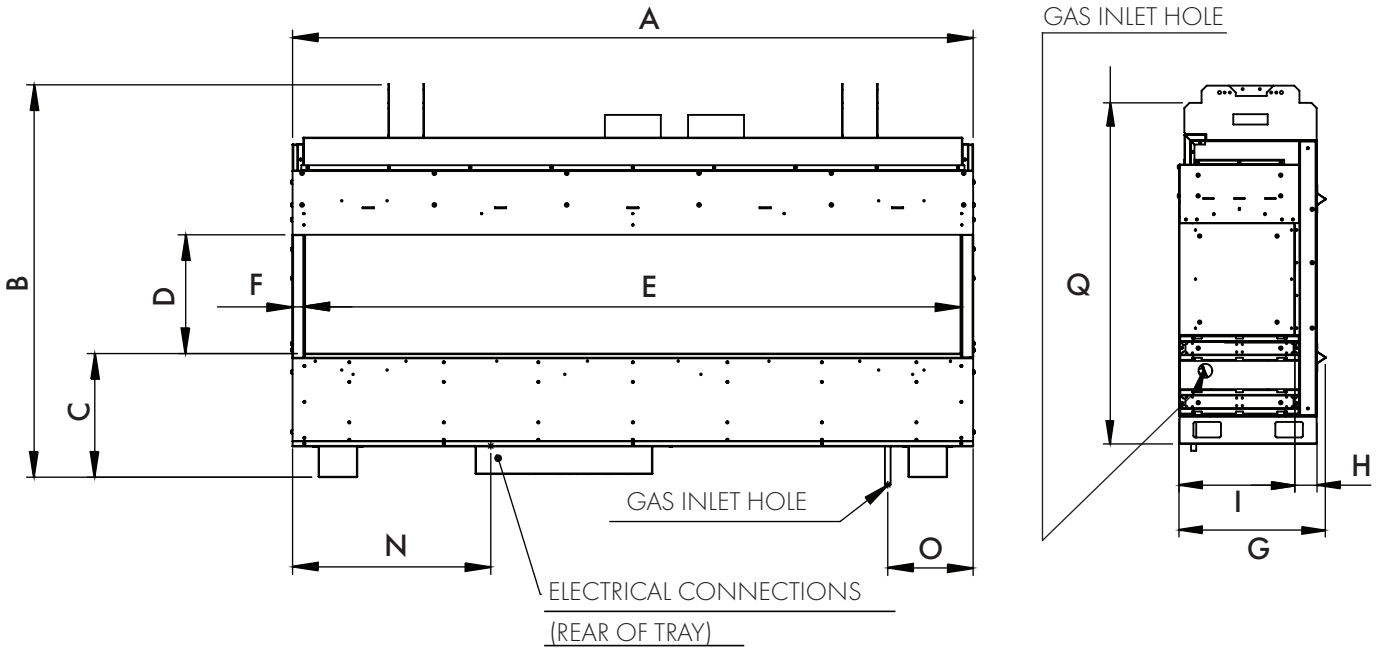
Note – in both install methods an electrical isolation switch is still required to be installed for servicing / isolation purposes.

INSTALLATION INSTRUCTIONS

UNIT DIMENSIONS 0-50m INSTALLATION

ø150/ø150 FLUE SIZE



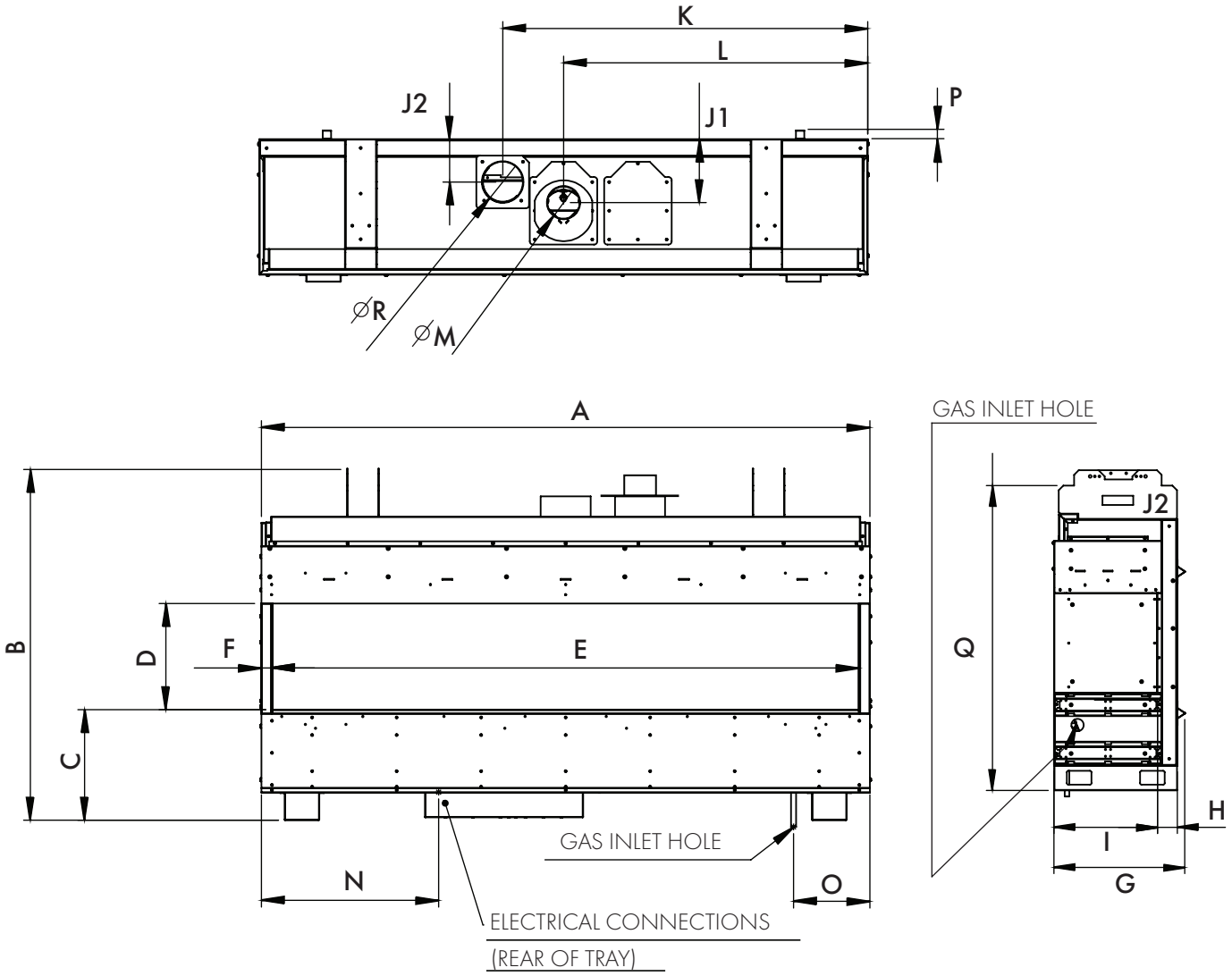


UNIT	A	B	C	D	E	F	G	H	I	J
NVS1200	1208	1040	327	314	1140	34	434	70	339	215
NVS1800	1808	1040	327	314	1740	34	434	70	339	215

UNIT	K	L	M	N	O	P	Q
NVS1200	604	384	148	270	220	25	990
NVS1800	904	684	148	570	220	25	990

UNIT DIMENSIONS 0-9m INSTALLATION

⌀100/ ⌀125 FLUE SIZE

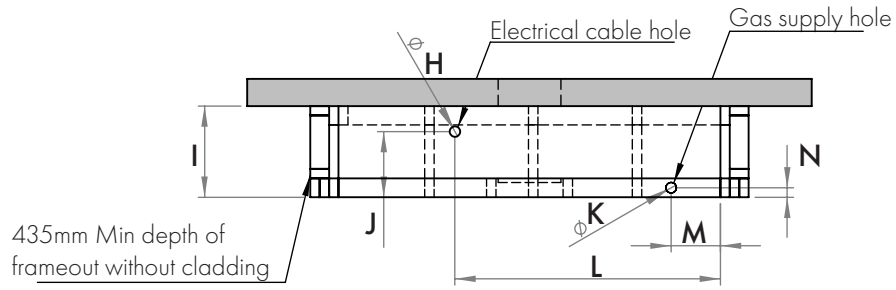


UNIT	A	B	C	D	E	F	G	H	I	J1	J2
NVS1200	1208	1040	327	314	1140	34	434	70	339	215	135
NVS1800	1808	1040	327	314	1740	34	434	70	339	215	135

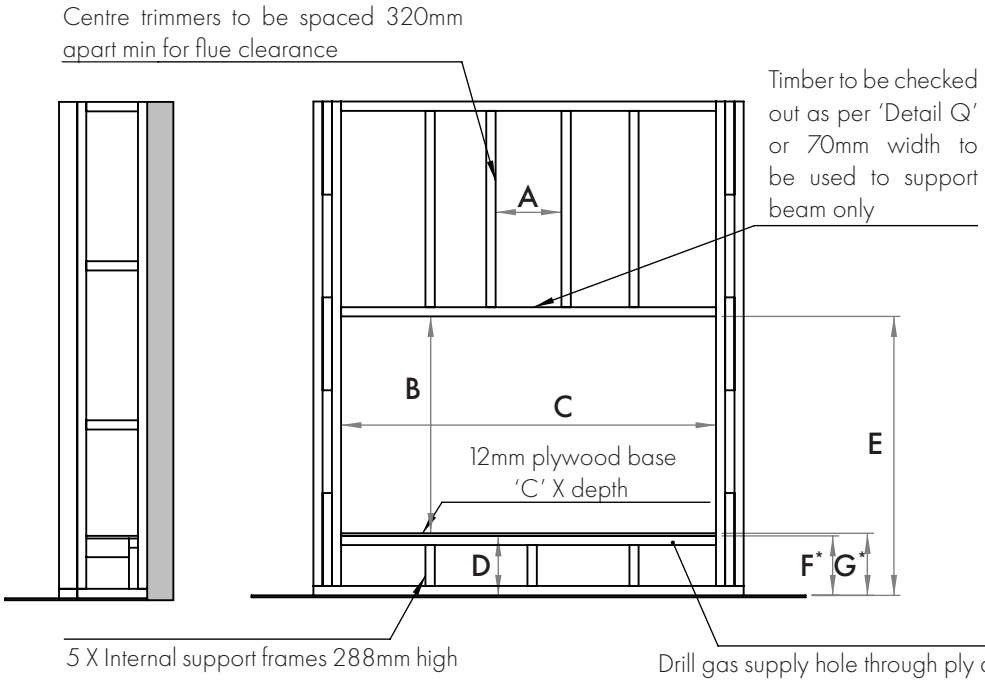
UNIT	K	L	M	N	O	P	Q	R
NVS1200	774	604	98	270	220	25	990	123
NVS1800	1074	904	98	570	220	25	990	123

MINIMUM FRAMEOUT DIMENSIONS

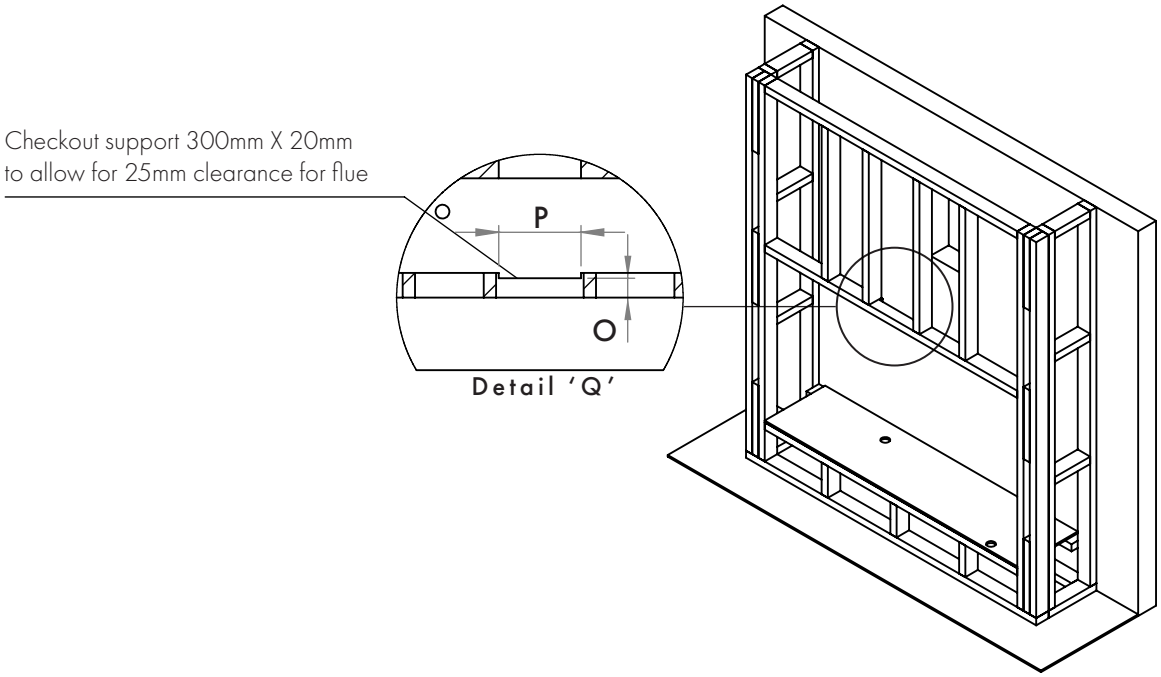
SINGLE SIDED



	NVS 1200	NVS 1800
A	320	320
B	1050	1050
C	1220	1820
D	288	288
E	1350	1350
F	288	288
G	300	300
H	50	50
I	438	438
J	313	313
K	50	50
L	965	1265
M	235	235
N	48	48
O	70	70
P	300	300

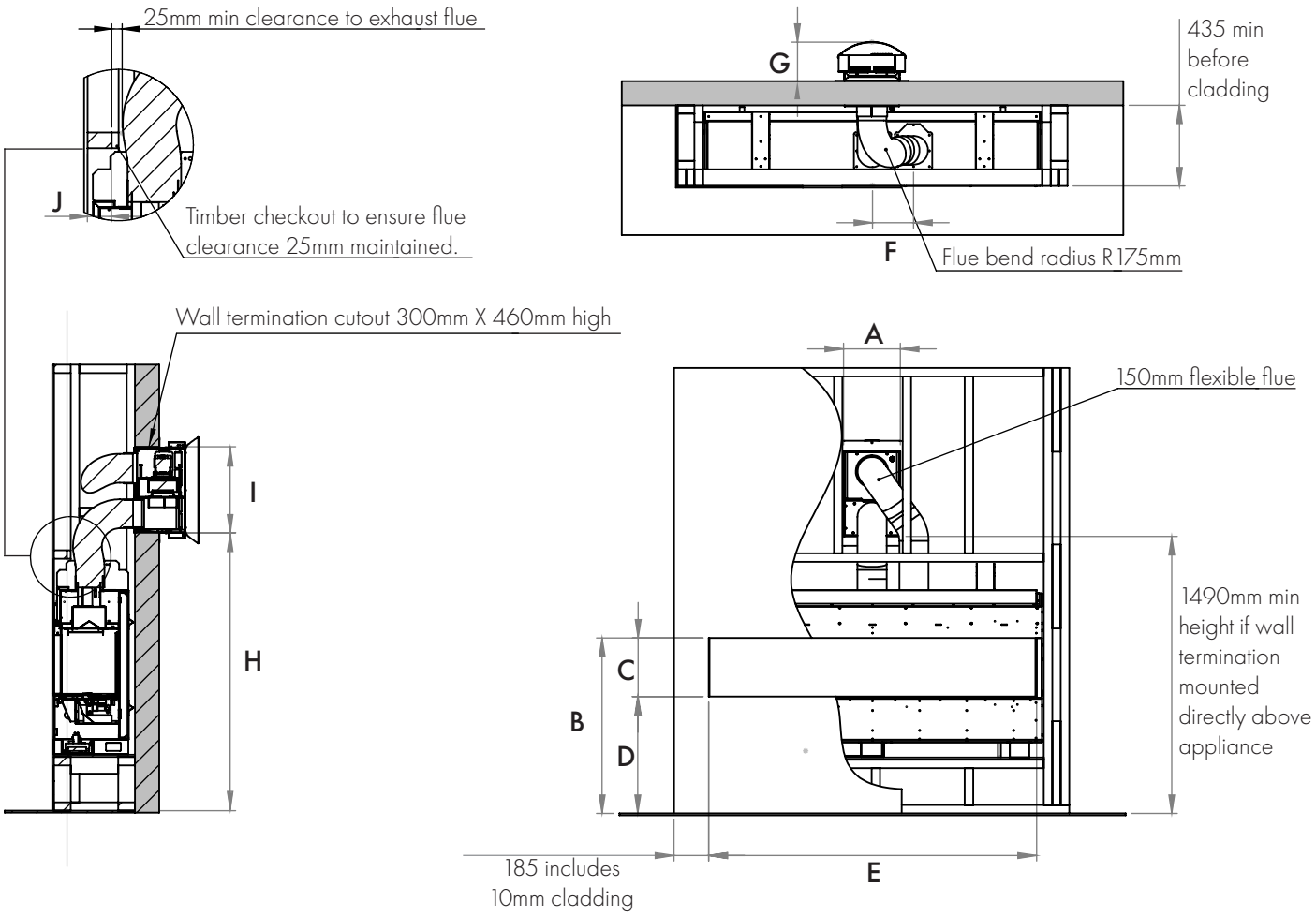


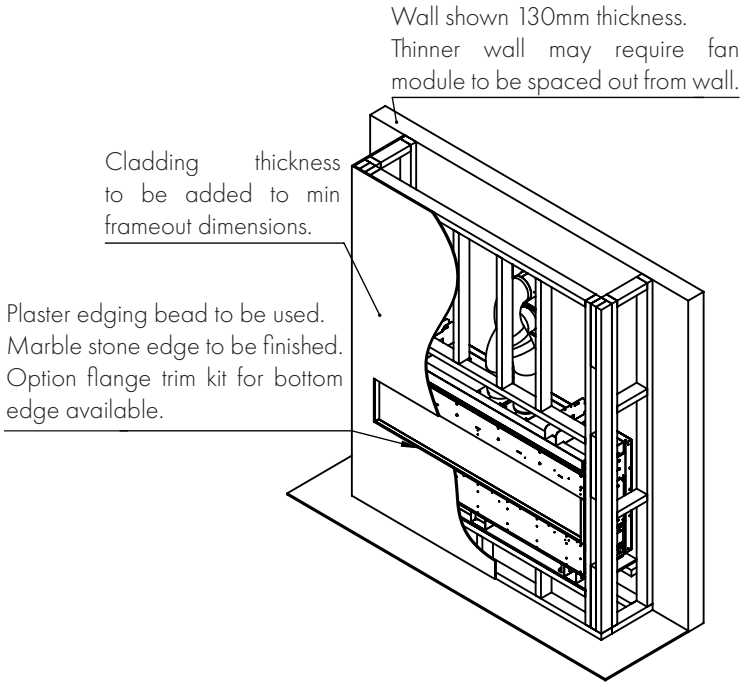
*** NOTE -** F and G are recommended dimensions. The appliance can be installed at ground level.



MINIMUM FRAMEOUT DIMENSIONS

SINGLE SIDED WITH APPLIANCE



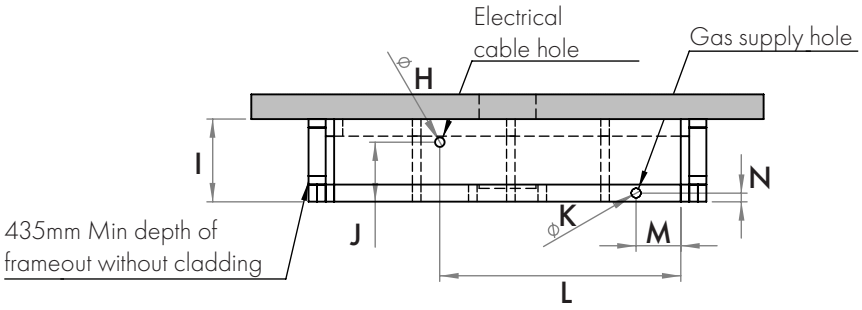


	150 FLUE	100/125 FLUE
A	300	265
I	460	360

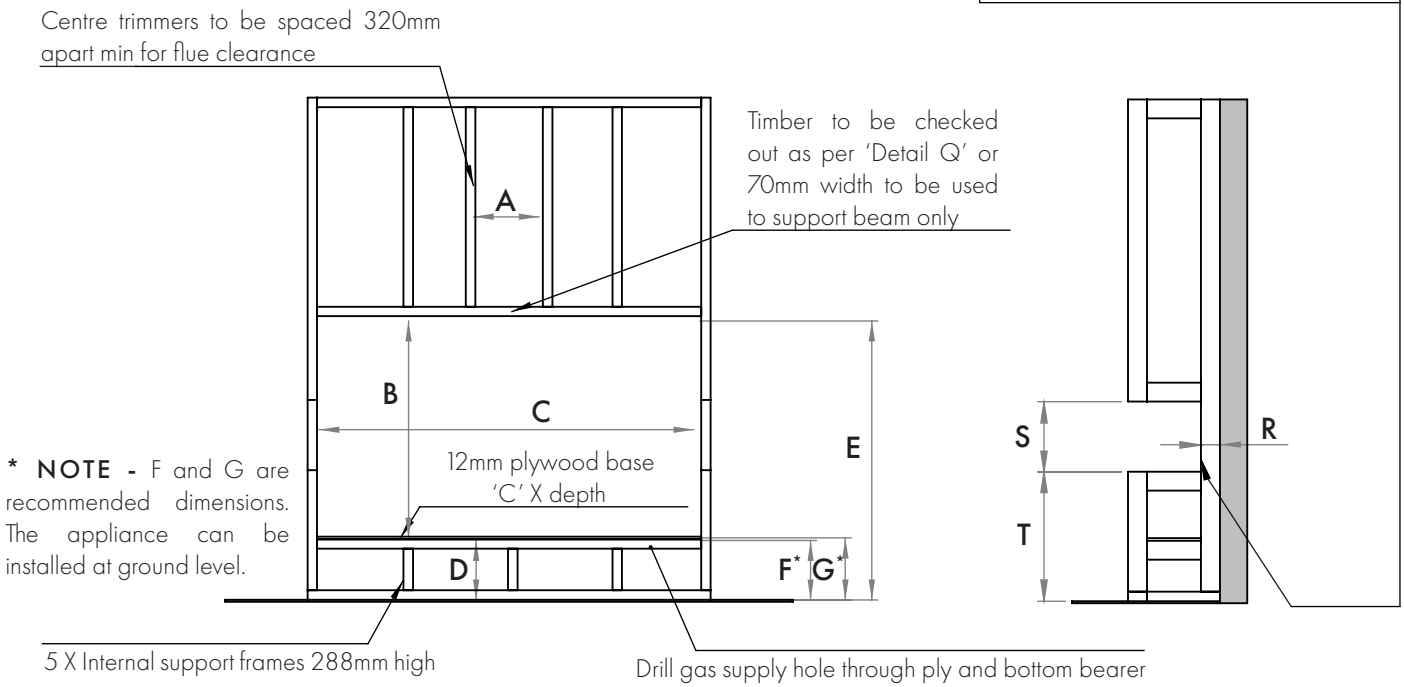
	NVS 1200	NVS 1800
B	941	941
C	314	314
D	627	627
E	1142	1742
F	220	220
G	209	209
H	1490	1490
J	70	70

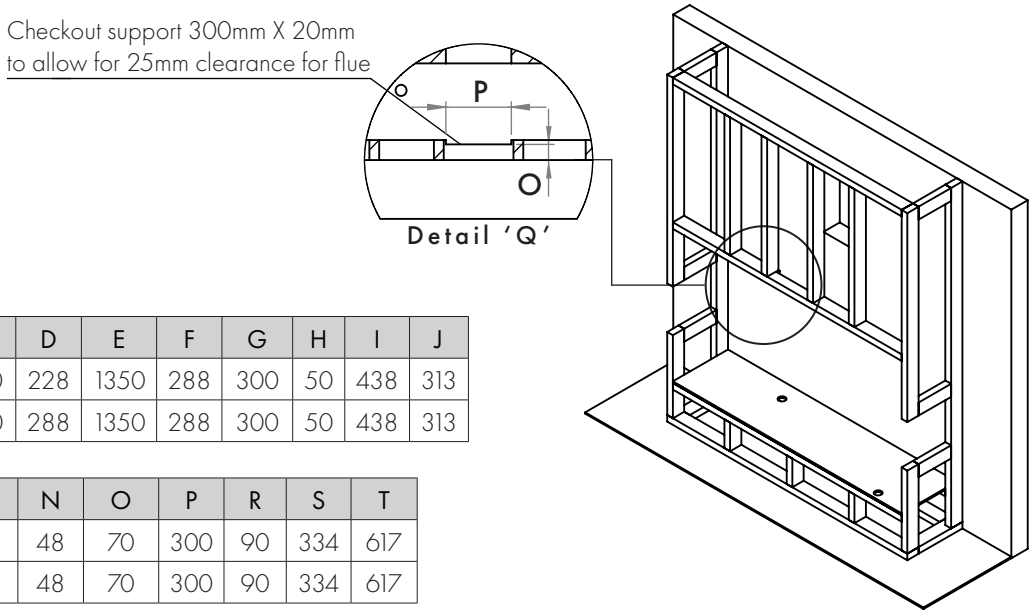
MINIMUM FRAMEOUT DIMENSIONS

THREE SIDED



Note 617mm / 334mm / 90mm
Allows for 10mm cladding to finish flush with appliance trims.
Where thicker cladding is being used these dimensions will need to change-
Eg. For 20mm cladding use
607mm / 354mm / 80mm



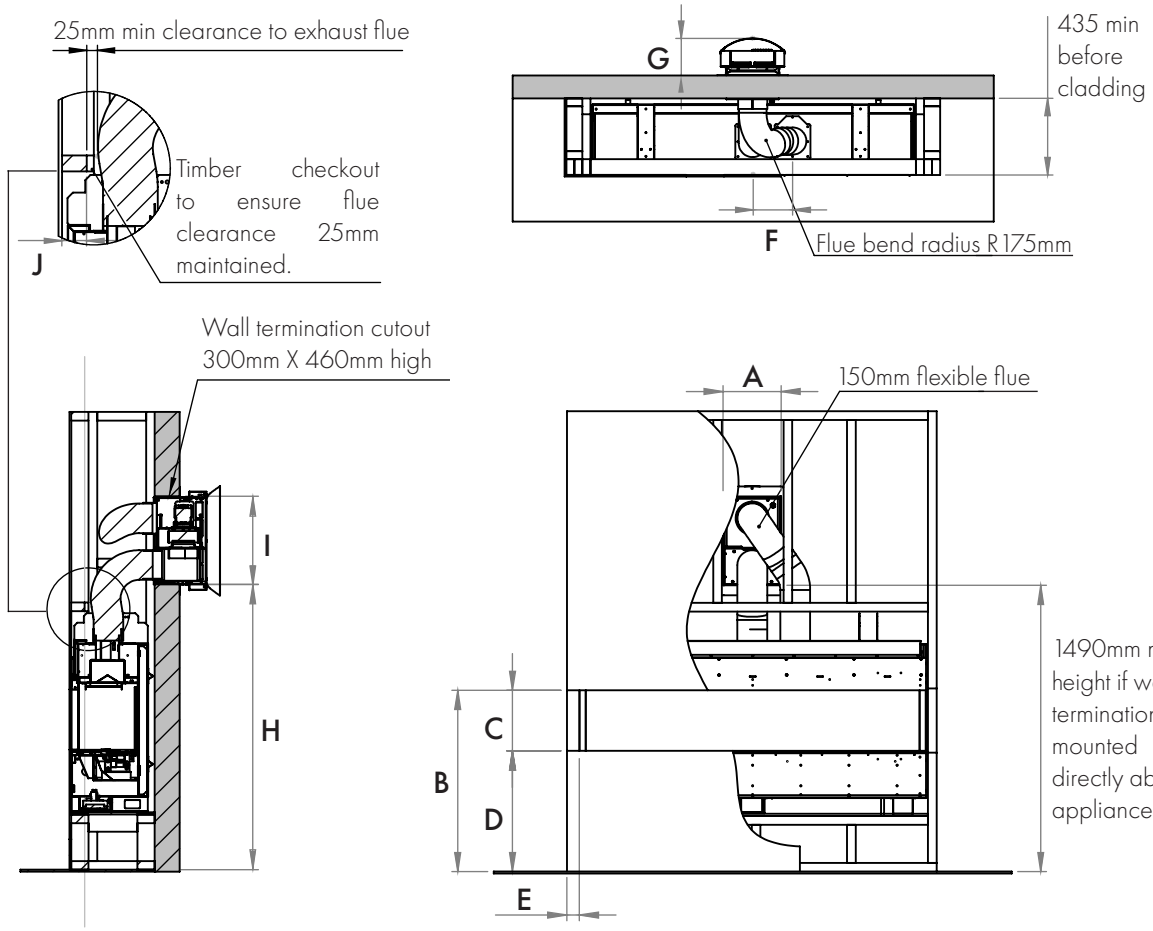


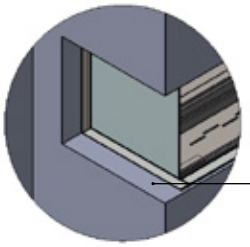
UNIT	A	B	C	D	E	F	G	H	I	J
NVS1200	320	1050	1220	228	1350	288	300	50	438	313
NVS1800	320	1050	1820	288	1350	288	300	50	438	313

UNIT	K	L	M	N	O	P	R	S	T
NVS1200	50	965	235	48	70	300	90	334	617
NVS1800	50	1265	235	48	70	300	90	334	617

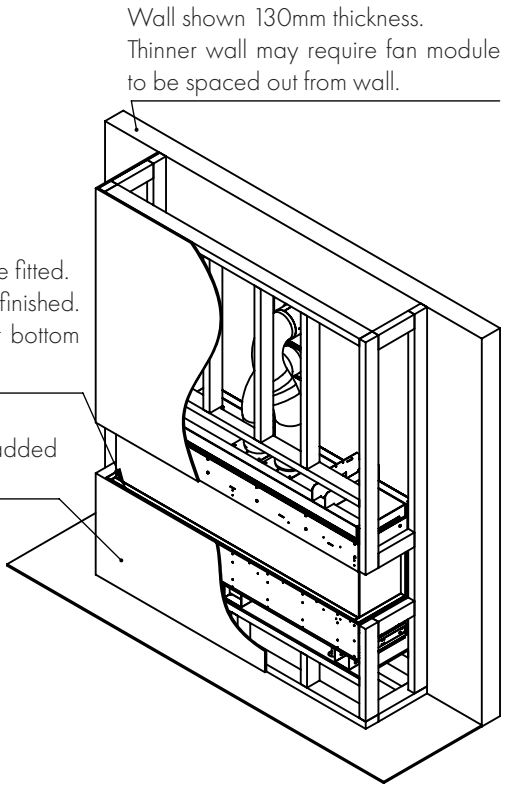
MINIMUM FRAMEOUT DIMENSIONS

THREE SIDED WITH APPLIANCE





Frameout dimensions allow for 10mm plaster to finish ends flush with appliance. Thicker cladding will require framing dimensions to be reduced.

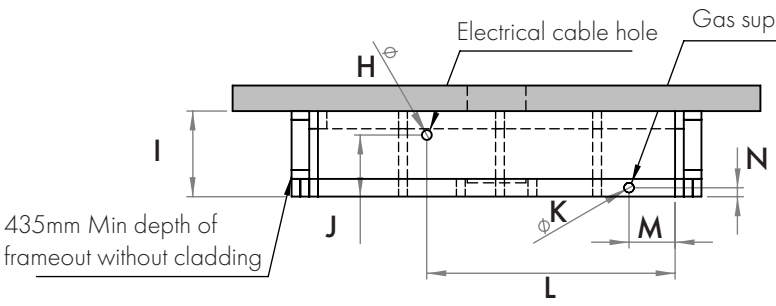


	150 FLUE	100/125 FLUE
A	300	265
I	460	360

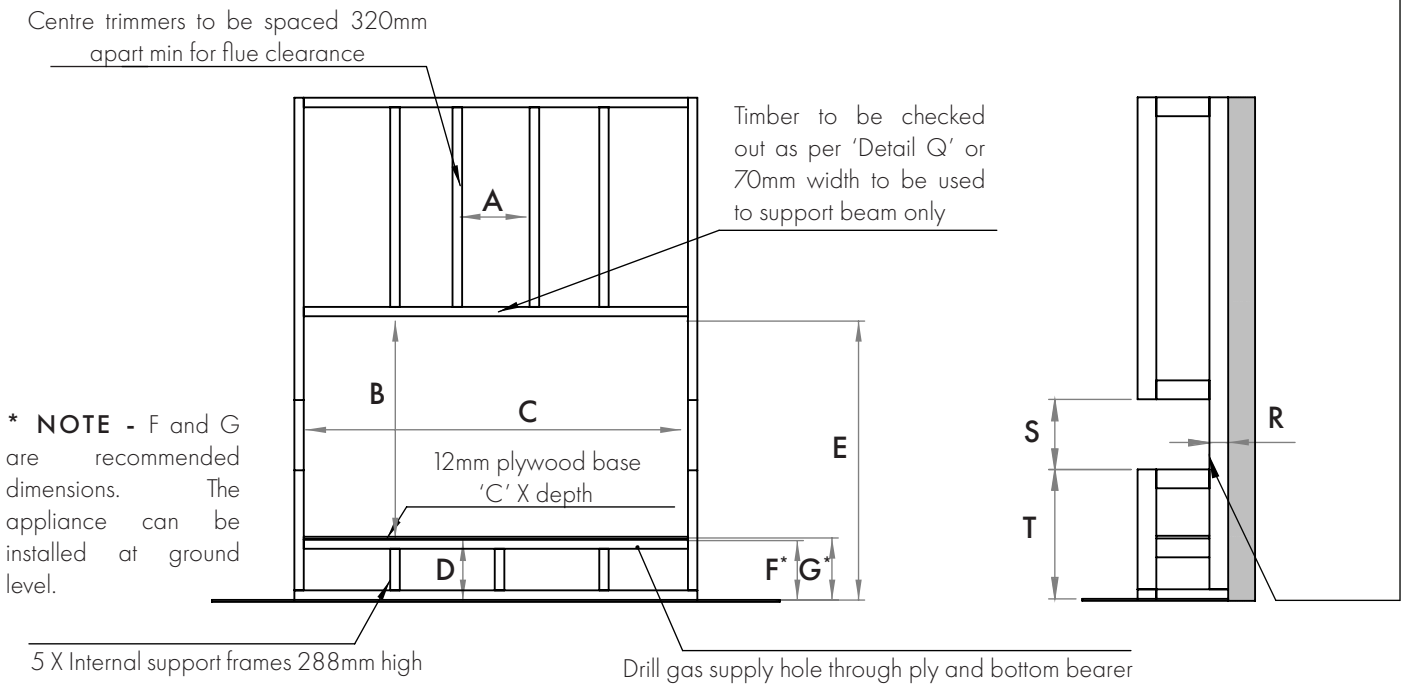
UNIT	B	C	D	E	F	G	H	J
NVS1200	941	316	625	65	220	209	1490	70
NVS1800	941	316	625	65	220	209	1490	70

MINIMUM FRAMEOUT DIMENSIONS

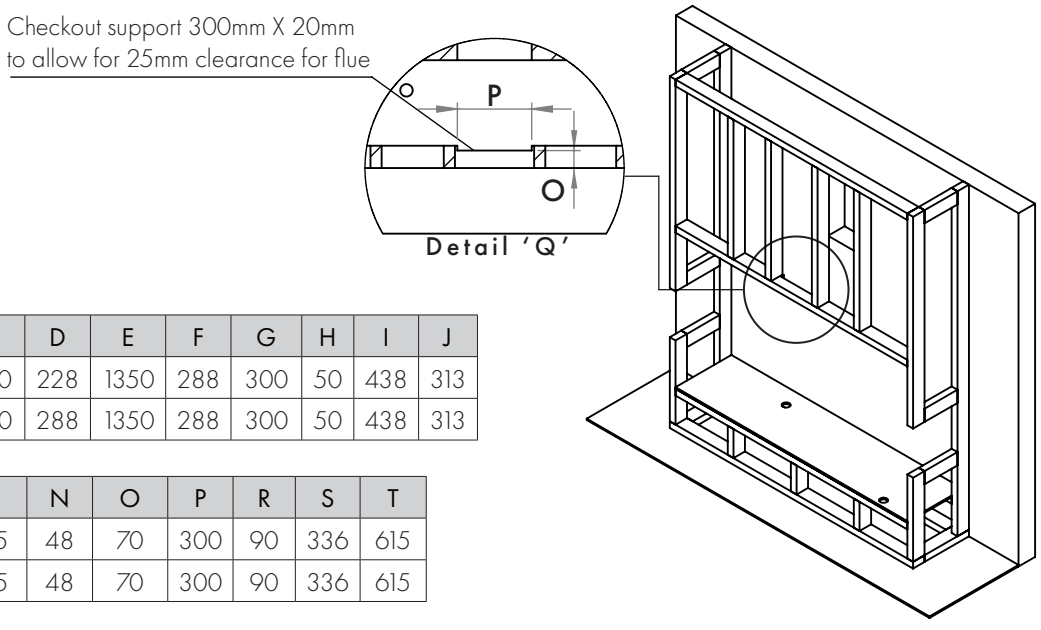
THREE SIDED WITH FLANGE KIT



Note 617mm / 334mm / 90mm
Allows for 10mm cladding to finish flush with appliance trims.
Where thicker cladding is being used these dimensions will need to change-
Eg. For 20mm cladding use 607mm / 354mm / 80mm



*** NOTE -** F and G are recommended dimensions. The appliance can be installed at ground level.



UNIT	A	B	C	D	E	F	G	H	I	J
NVS1200	320	1050	1220	228	1350	288	300	50	438	313
NVS1800	320	1050	1820	288	1350	288	300	50	438	313

UNIT	K	L	M	N	O	P	R	S	T
NVS1200	50	965	235	48	70	300	90	336	615
NVS1800	50	1265	235	48	70	300	90	336	615

MINIMUM FRAMEOUT DIMENSIONS

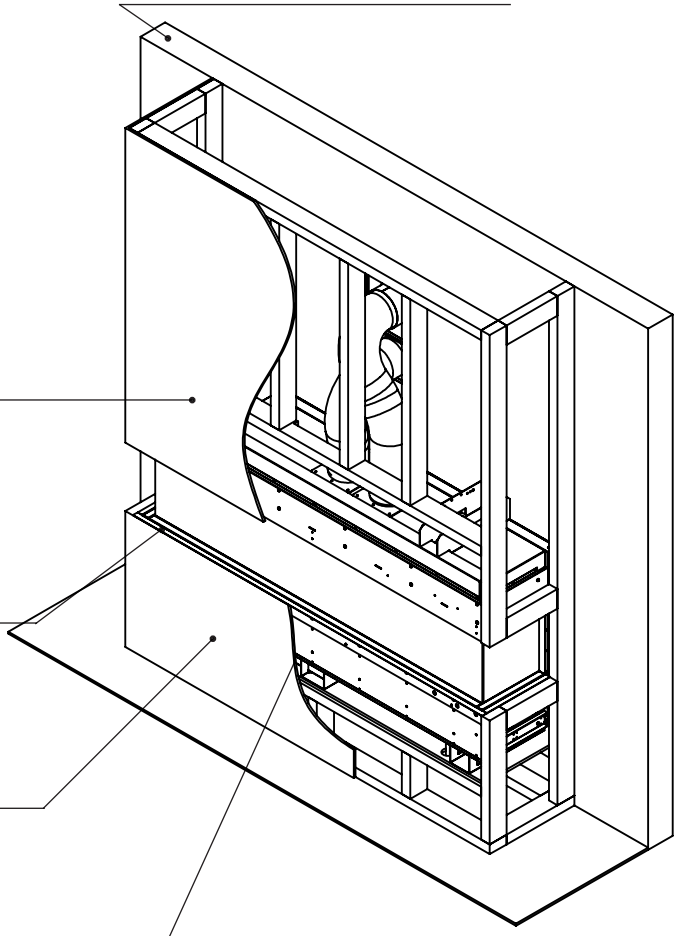
THREE SIDED WITH APPLIANCE AND FLANGE KIT

Wall shown 130mm thickness.
Thinner wall may require fan module to be spaced out from wall.

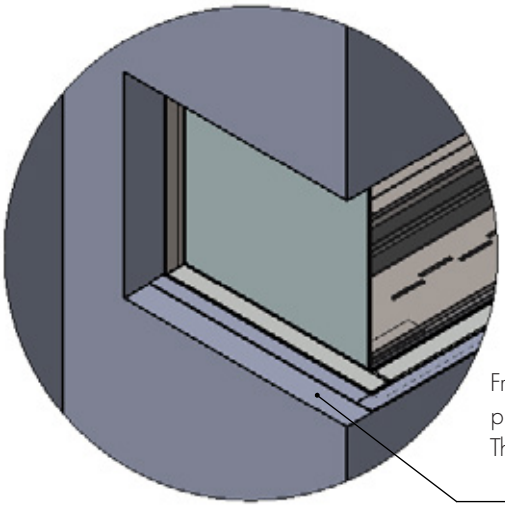
Top plaster shown finishing flush with base.
15mm packing required on front face to match base depth (based on 10mm plaster)

Plaster edging bead to be fitted.
Marble stone edge to be finished.
Option flange trim kit for bottom edge available.

Cladding thickness to be added to min frameout dimensions.



Front plaster to be packed out 15mm if required to match flange edge.
For protruding flange reduce packing and reduce side frame depth (based on 10mm plaster)
Where front depth to be larger add thicker packers or framing and increase side frame depth to suit.

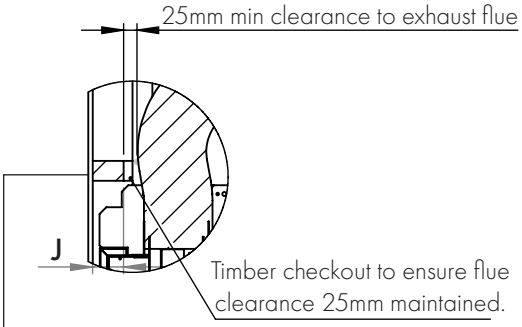


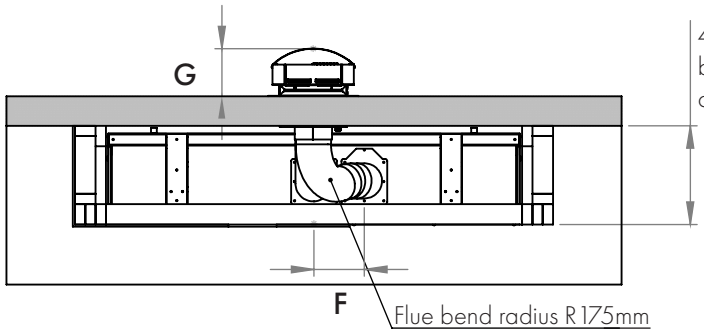
Frameout dimensions allow for 10mm plaster to finish ends flush with appliance.
Thicker cladding will require framing dimensions to be reduced.

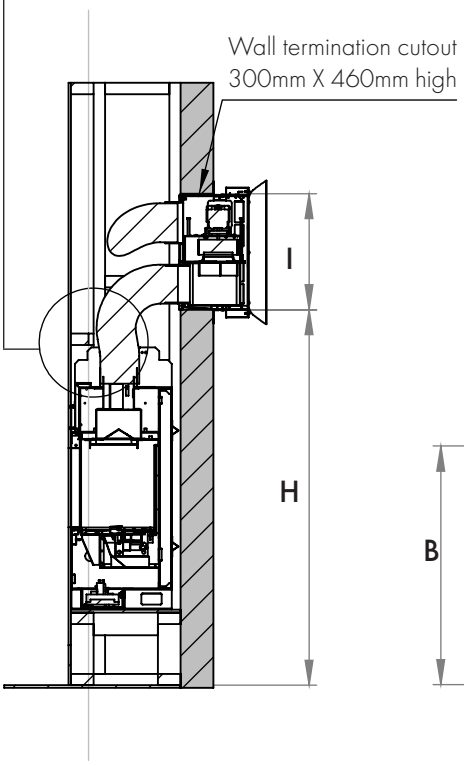
THREE SIDED WITH APPLIANCE AND FLANGE KIT (CONTINUED..)

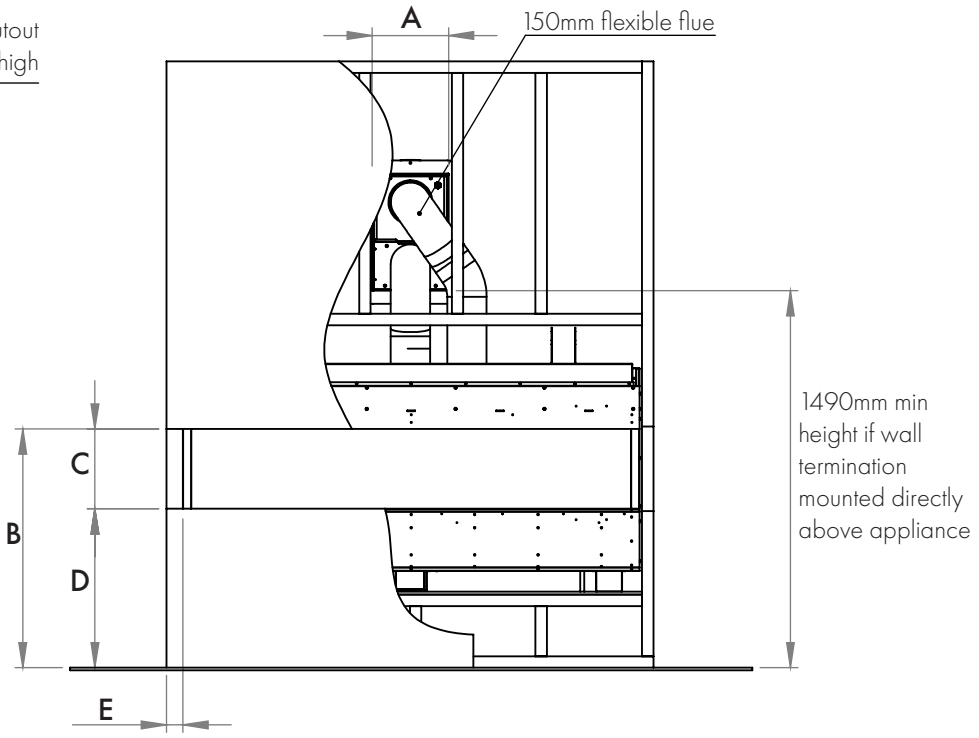
	150 FLUE	100/125 FLUE
A	300	265
I	460	360

UNIT	B	C	D	E	F	G	H	J
NVS1200	941	316	625	65	220	209	1490	70
NVS1800	941	316	625	65	220	209	1490	70





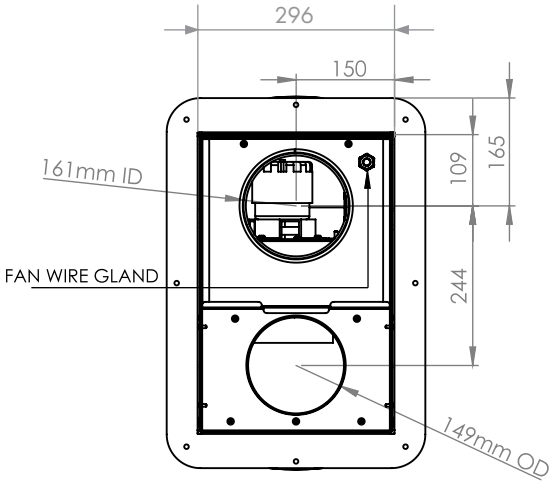


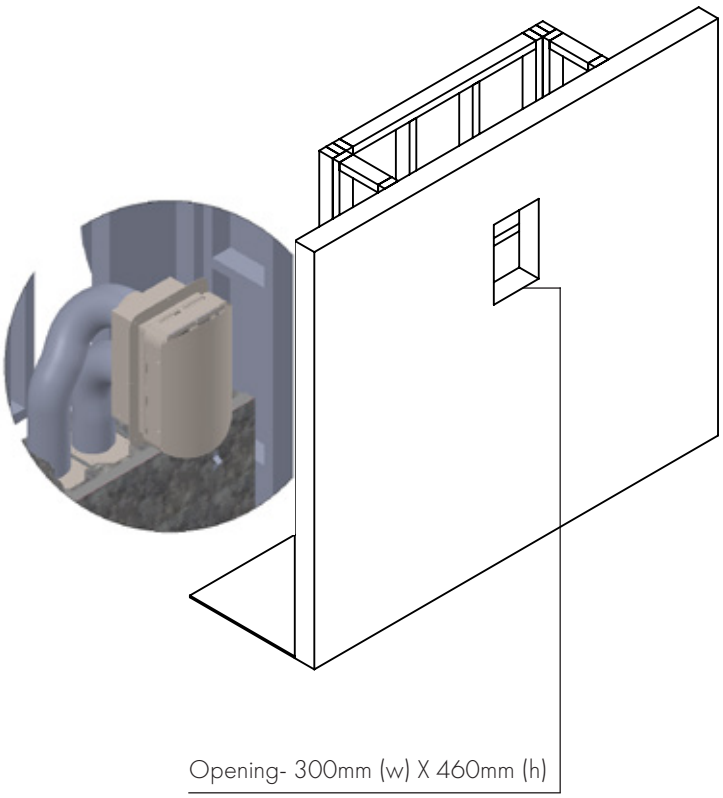


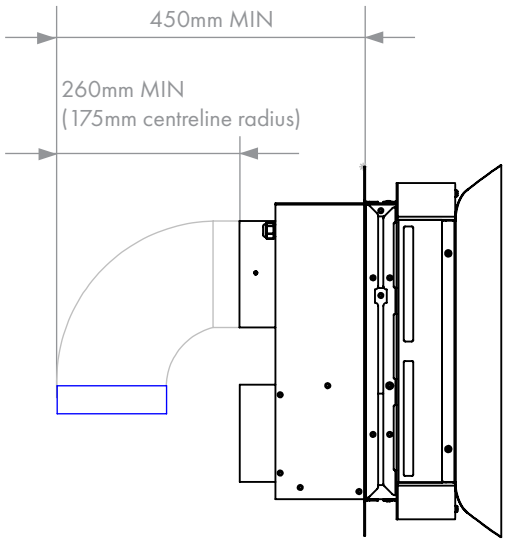
MINIMUM FRAMEOUT DIMENSIONS

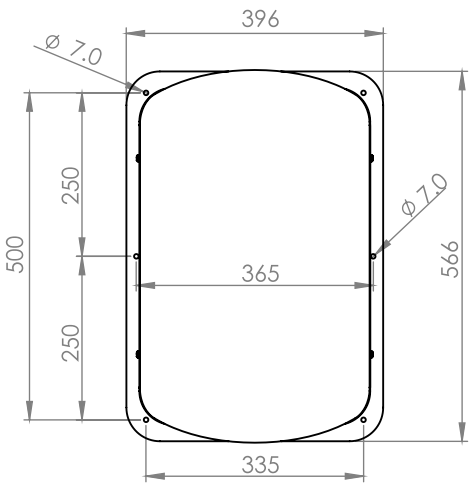
HORIZONTAL TERM CLADDING

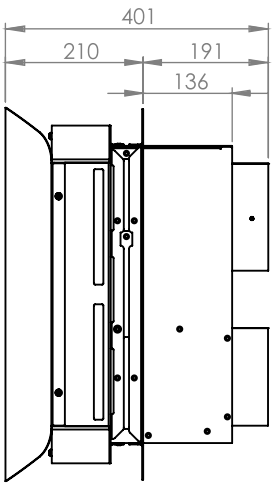
⌀150/⌀150 FLUE SIZE







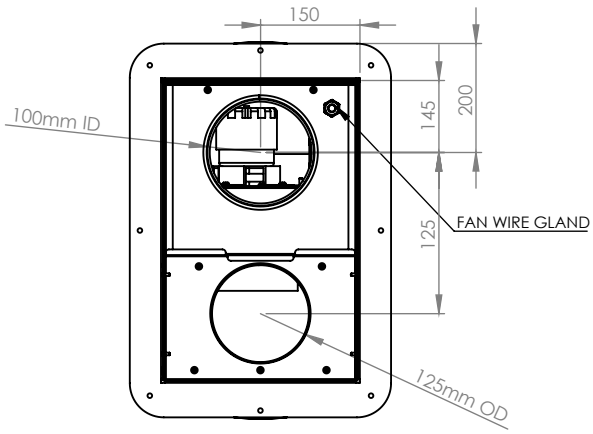


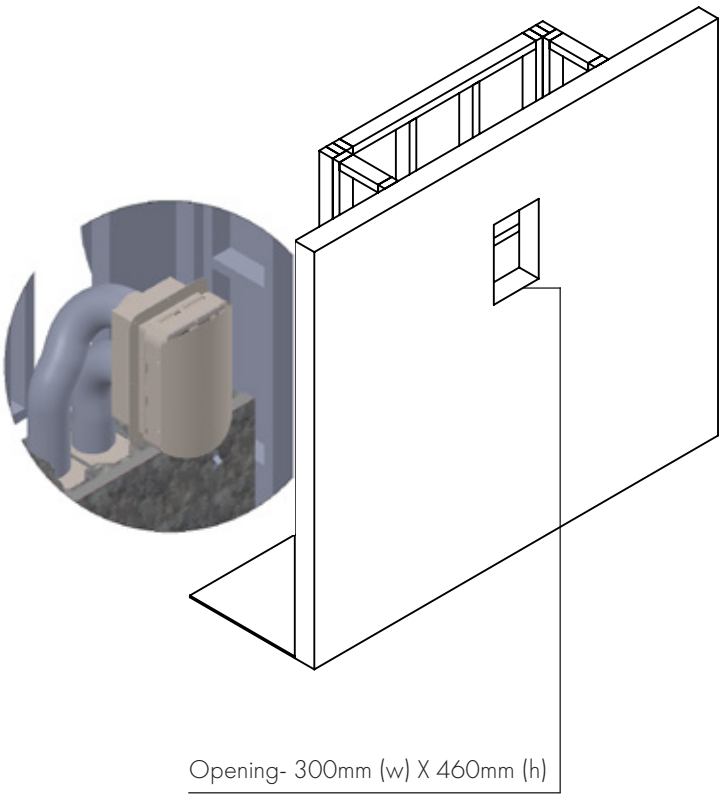


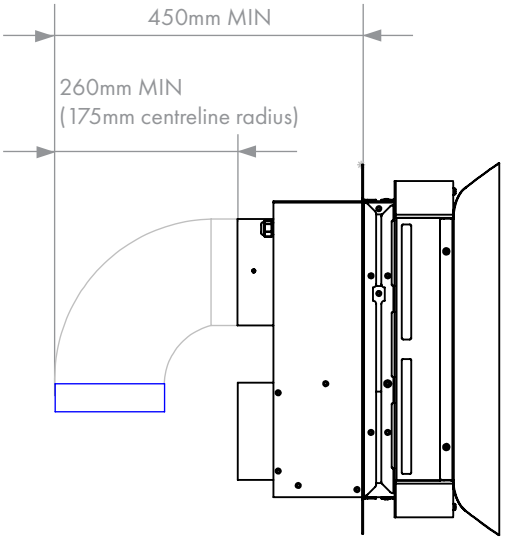
MINIMUM FRAMEOUT DIMENSIONS

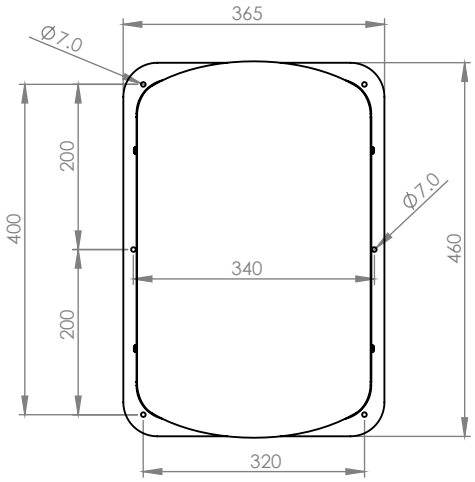
HORIZONTAL TERM CLADDING

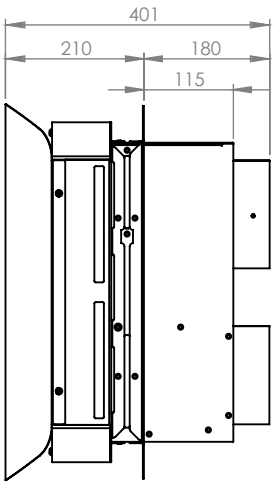
⌀100/⌀125 FLUE SIZE





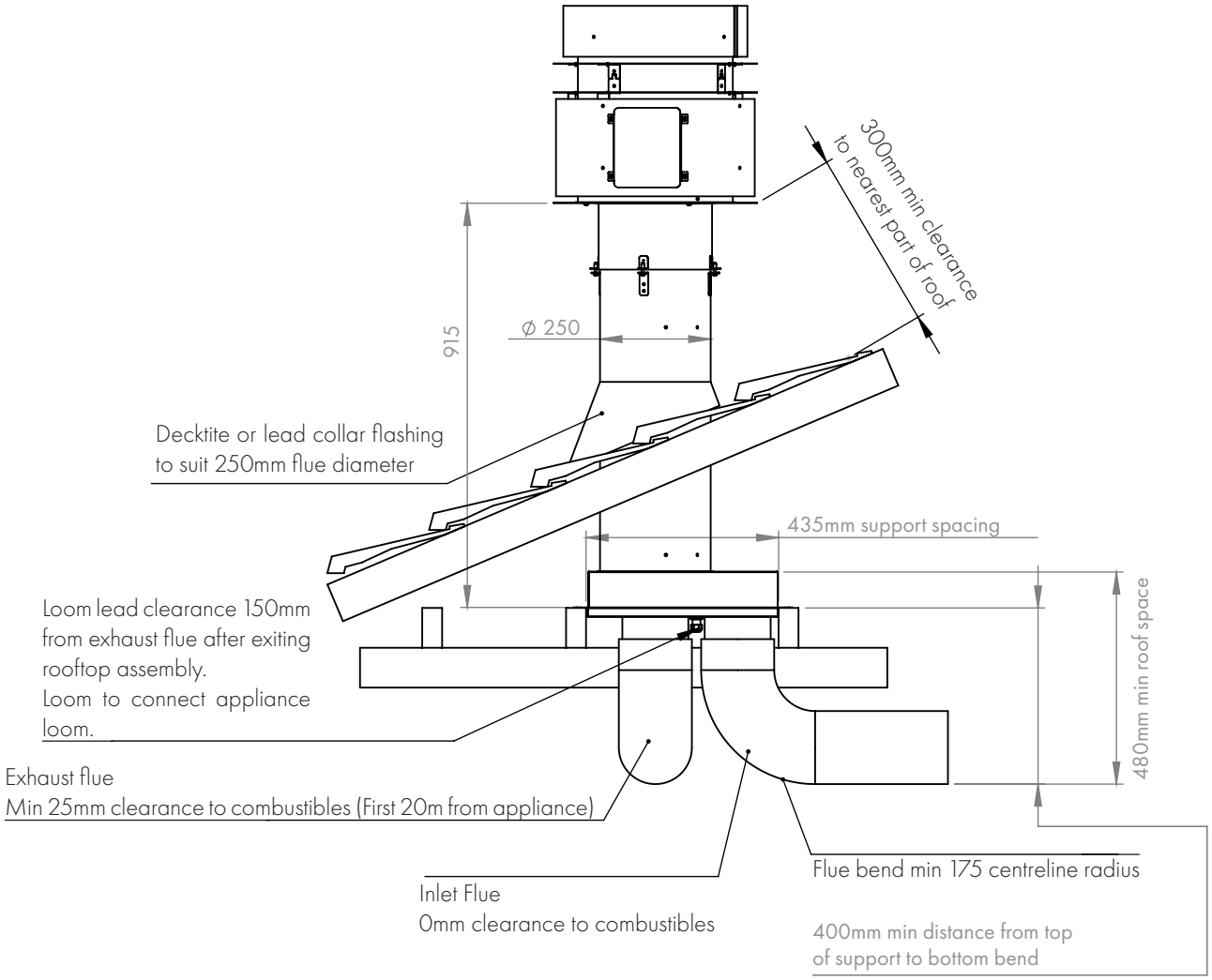


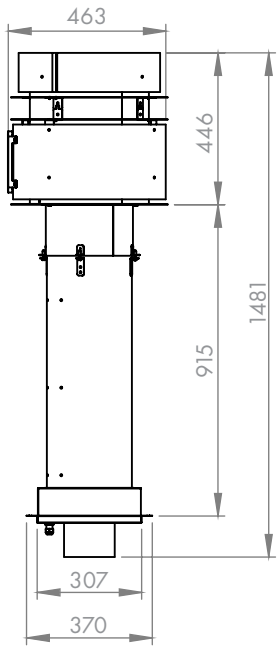


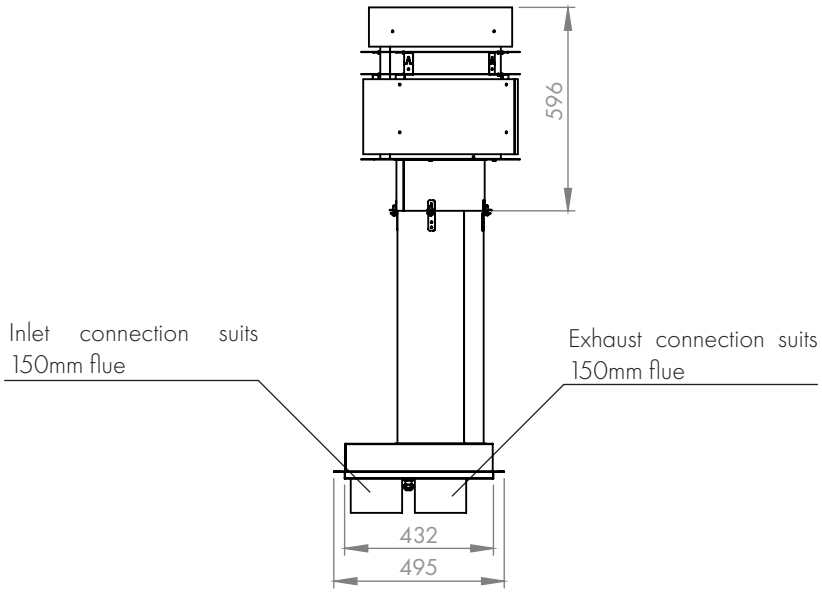


MINIMUM FRAMEOUT DIMENSIONS

VERTICAL TERM INSTALL





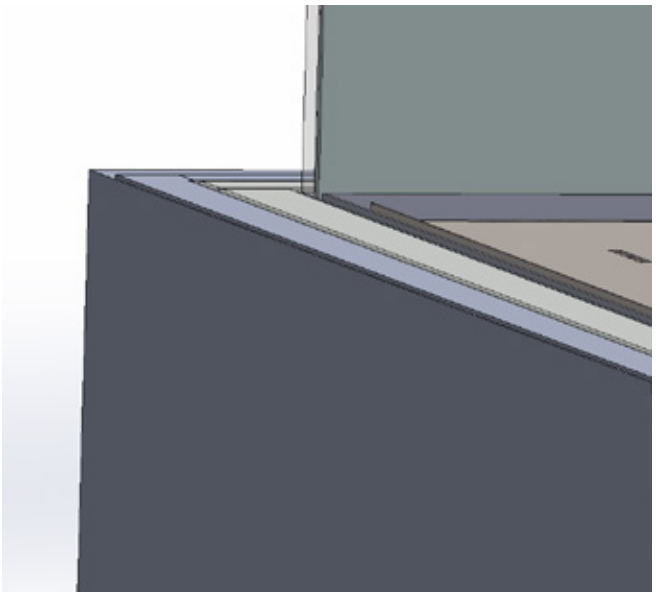


FINISHING OPTIONS

FLUSH PLASTER/MARBLE EDGE

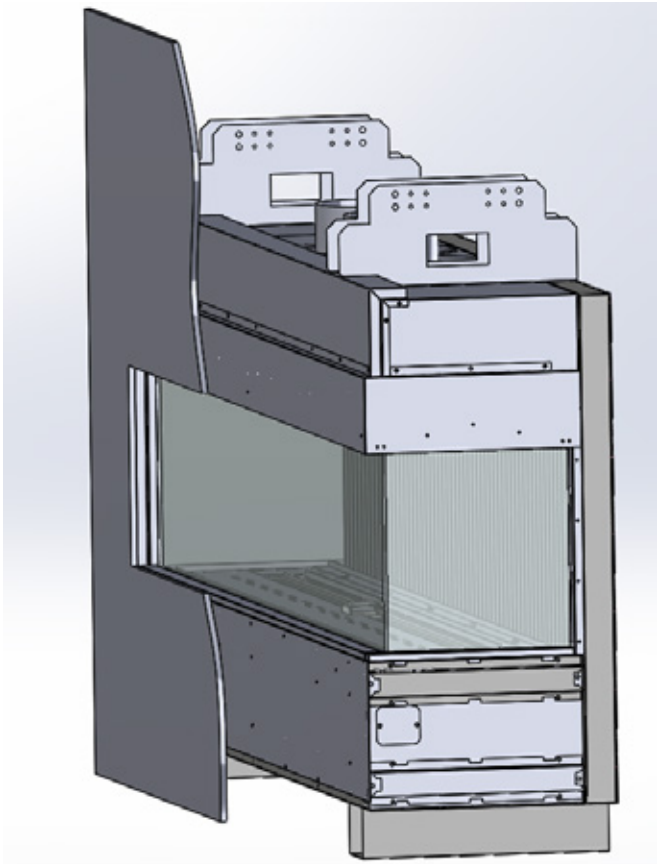
Plaster board to be finished with edge bead for flush finish.

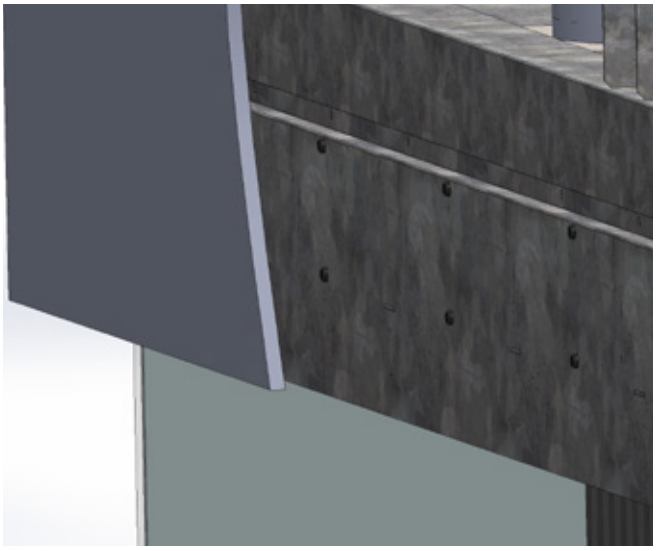
Marble to be cut to size and edge polished



ALTERNATIVE CLADDING

Sintered stone, quartz, porcelain, reconstituted stone, tiles and natural stone of various thickness can be used to finish to the fireplace. Fiber cement sheet is recommended as a substrate, consideration for overall depth and edge of finish material should be considered.



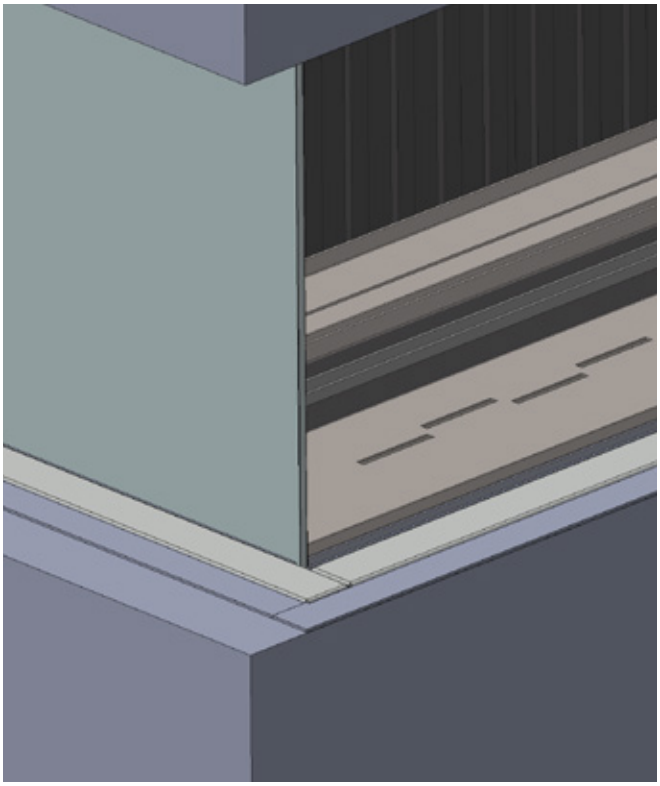


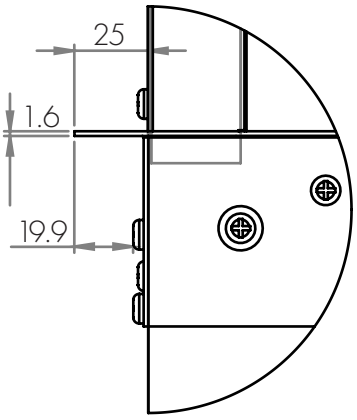
FINISHING OPTIONS

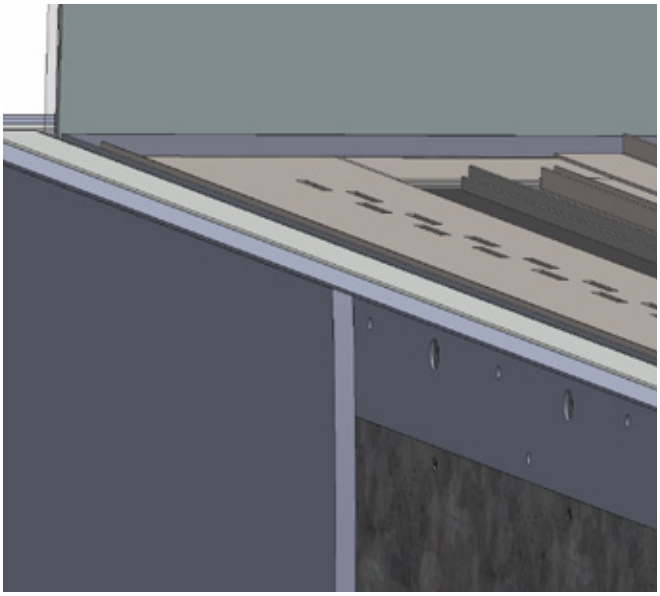
EDGE FLANGE

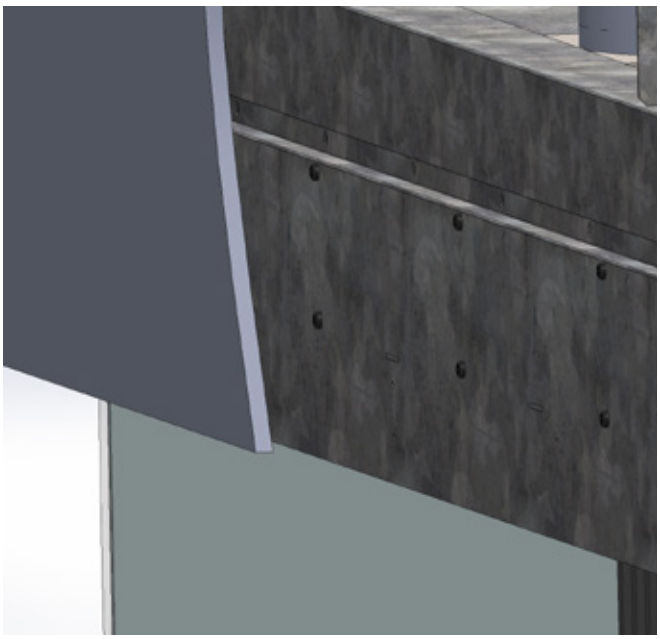
Plaster board & other claddings to finish with flange kit

Border edge flange is fitted to appliance. Plaster / Marble is finished flush to outer side of trim.









INSTALLING ELECTRONIC EQUIPMENT ABOVE YOUR FIREPLACE

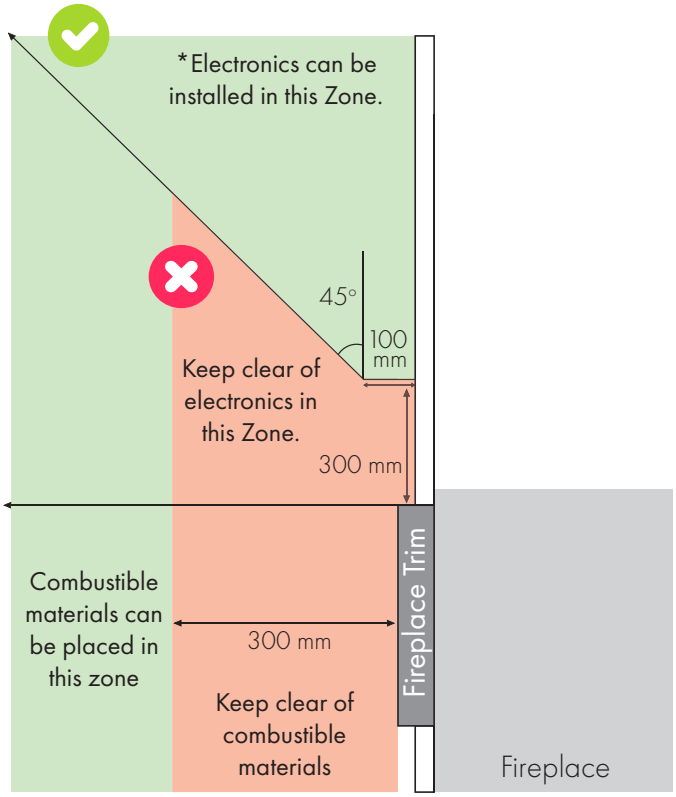


Fig. Side View of the Wall and Fireplace

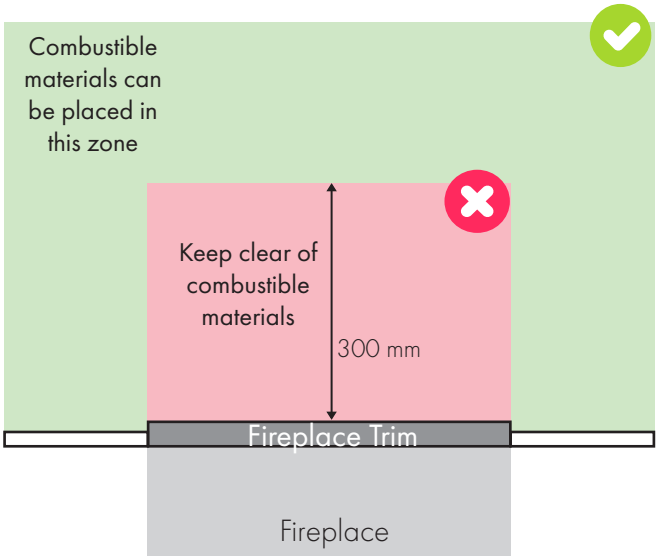


Fig. Top View of the Wall and Fireplace

*A common installation configuration includes the mounting of a TV, soundbar, speakers, or other electrical/electronic equipment above a gas fireplace. If installing any equipment above a Real Flame gas fireplace, a minimum clearance of 300mm from the top edge of the fascia is recommended. Installation of a mantel shelf or an equipment recess is not generally required, but may be added to further protect equipment from the heat which will naturally rise from any gas heating appliance. Due to the wide variety of commercially available equipment which may be installed above a gas fireplace, Glen Dimplex recommends that end users contact their equipment manufacturer to determine suitability in advance of installation. Glen Dimplex offers no guarantees around, nor assumes any responsibility for the suitability of electrical equipment installed in this configuration.

INSTALLATION INSTRUCTIONS

LOCATION

Select a location where the fire can be supervised during operation. An electrical isolation switch must be fitted at the appliance or on an adjacent wall to allow for emergency shutdown and maintenance. Installation must meet Australian gas codes AS/NZS 5601.1-2013

INSTALLATION CLEARANCES

Clearances from combustible materials

Floor	0mm
Sides	3mm*
Front	3mm*
Rear	25mm
Top	100mm
Flue exhaust (first 20m from appliance)	25mm
Flue exhaust (after 20m from appliance)	0mm
Flue Intake	0mm
Front Viewing Area	300mm

*** Note:** Clearances have been inbuilt into the appliance using screws and standoffs. Cladding can be placed up to the screws and standoffs

Note: *Once installed no combustible items should be placed within 300mm of the fire viewing window. 600mm is the recommended minimum distance from the fire window for combustible / non combustible furnishings / objects.*

GAS CONNECTION 15mm (1/2") Compression union
ELECTRICAL CONNECTION 3 Pin 10 Amp GPO plug
POWER RATING OF APPLIANCE 230V 50Hz 0.8 Amp

INSTALLATION CODES

Note appliance gas type – Natural gas/LPG.
Should the appliance be the incorrect gas type, please contact the supplier for conversion details.

Installers – Please ensure the installation and instruction manuals supplied with this appliance are supplied to the customer and the customer is trained on how to operate the appliance correctly.

Do not exceed maximum rated pressures.

Appliance must be installed with gas installation code (AS/NZS5601.1-2013) and applicable electrical installation code (AS3000).

Test for gas leaks prior to operating appliance.

Check gas pressures and adjust if incorrect.

FLUE SYSTEM

0-50m Flue length is possible with 8 bends.
Flue shipped in 5m and 10m lengths as appropriate to the particular code ordered.

FLUE SPECIFICATIONS

150mm internal diameter twin walled aluminum flexible flue, supplied in 5m and 10m lengths as appropriate to the particular code ordered.
Flue external diameter approx. 160mm.

JOINS/CONNECTIONS

Recommended Silicon – Non-acetic, neutral cure 150°C or higher temperature rated.

Bostik RTV 926 or similar.

FLUE TERMINATION LOCATIONS

This section is used to determine where your Balanced Flue termination will be located.
Flue terminations shall not be recessed in walls or sidings.

EXTREMELY IMPORTANT

- In heavy snow areas take extra care to prevent blocking flue termination with snow removal equipment.
- Flue gases exiting flue terminals are very hot and must not be restricted to assure fireplace combustion is not affected.
- Do not place, build any obstruction, plant any bushes or for any reason attempt to conceal the flue termination. To do so will affect the operation of the fireplace and may be hazardous.

INSTALLER INSTALLATION STEP LIST

1. Install appliance, ensure clearances to combustibles are met. Ensure top is supported by hanging brackets or by timber / steel beams. Fixing holes in top brackets are provided. Leave front support fitted until this stage is complete. Once supported remove support bracket.

2. Stretch out flue and fit flue joiners as per instructions where required. Fit flue, seal joins and clamp. Ensure flue meets clearances to combustibles.

3. Install powerflue termination.

4. Run powerflue power lead to powerflue termination

5. Install wall switch (on/off and high low switches) to wall switch lead.

6. Set Powerflue fan speed to suit installation. (Speed control located behind powerflue access cover)

7. Gas leak test appliance. Note appliance is fitted with a gas isolation valve inside lower area. Ensure valve is open when appliance is required to be operated. Note access to valve requires the appliance front glass and lower panel to be removed once the appliance is fully clad.

8. Fit side panels where 1 or 2 sided appliance is required.

9. Fit cladding – fascia. Note –NO SCREWS AREA on appliance.

10. Fit media as per instructions.

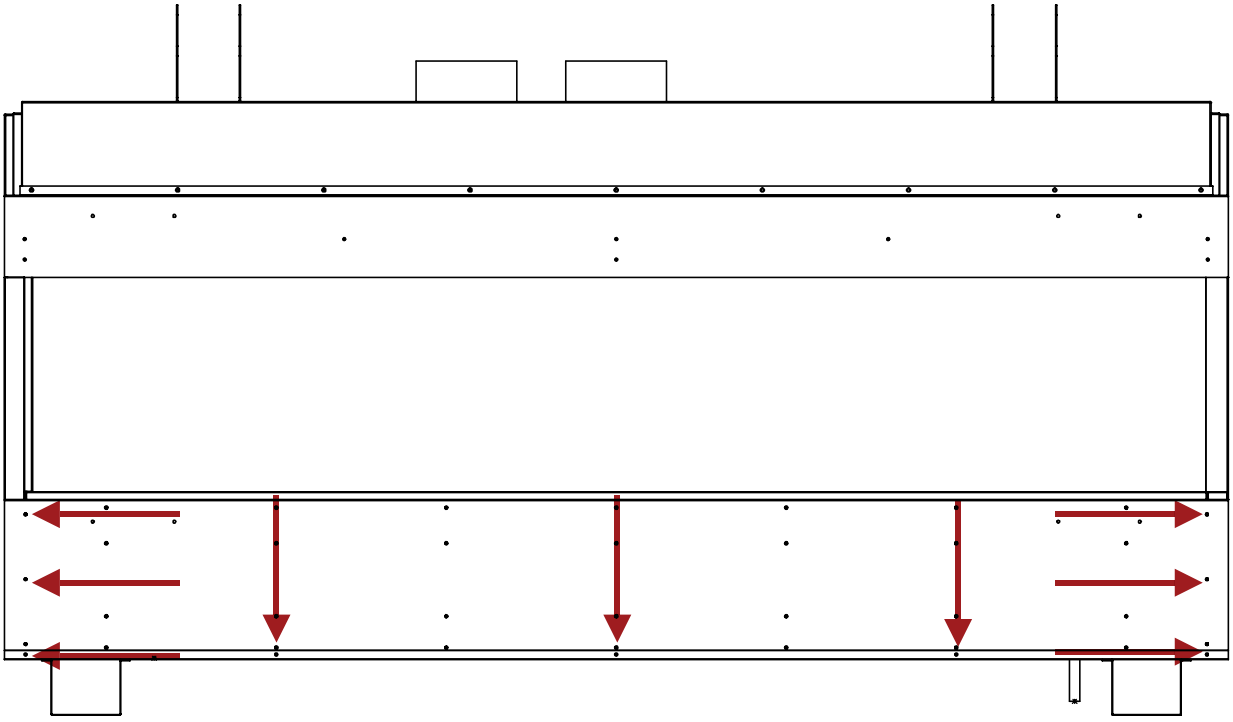
11. Commission appliance

INSTALLATION ACCESS PANEL

The lower front panel may be removed to enable a quick installation. Removal of panel will allow easy access to gas connection.

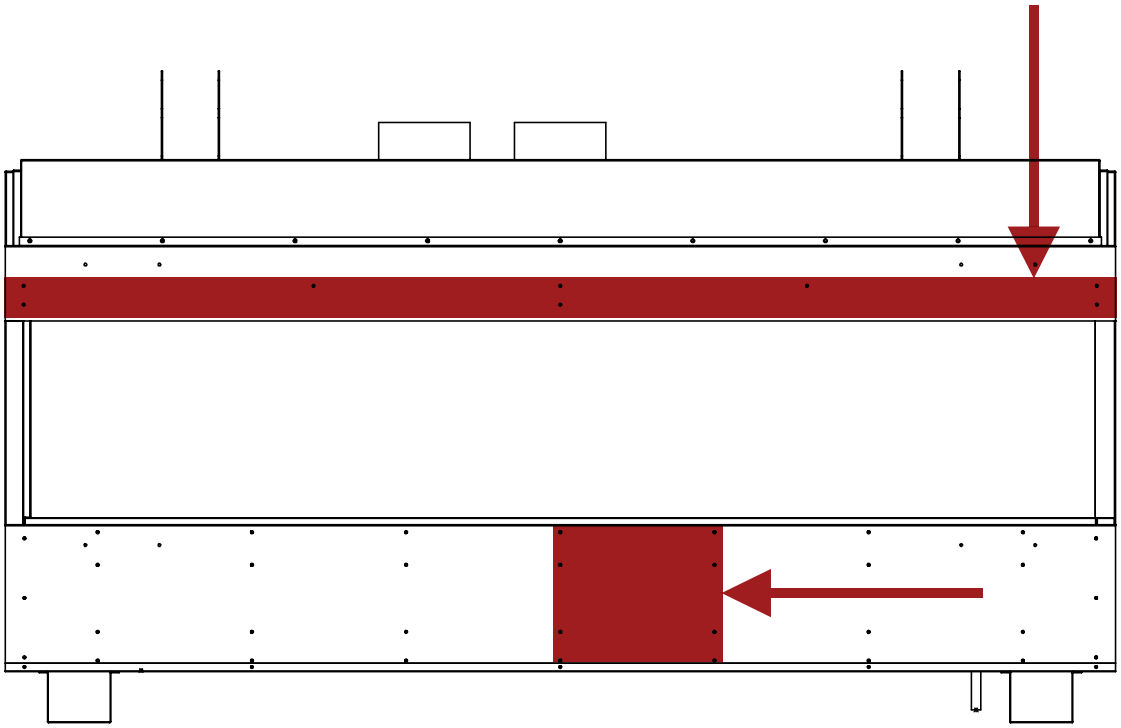
Panel must be refitted prior to cladding wall, all screws must be refitted.

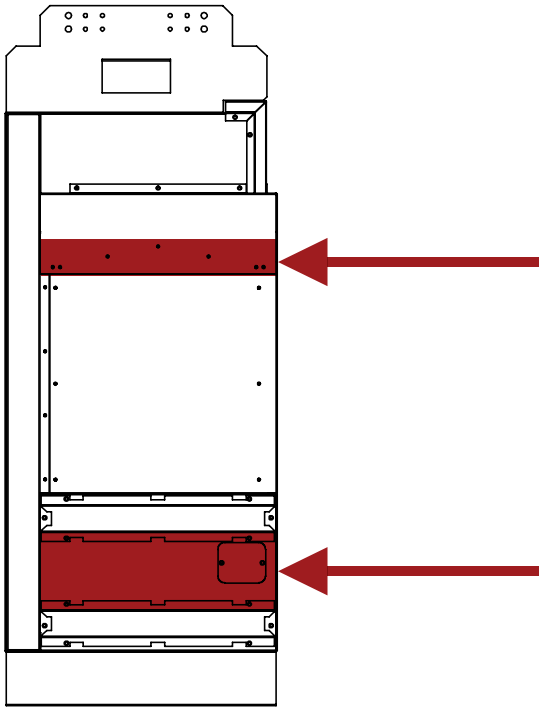
To remove / refit panel – remove / refit screws as shown (arrows indicate screws)



INSTALLATION RESTRICTIONS

No Plaster / fascia screws to be fitted in the shaded areas. Failure may result in damaged glass or inability to remove componentry.





*Applies to both sides

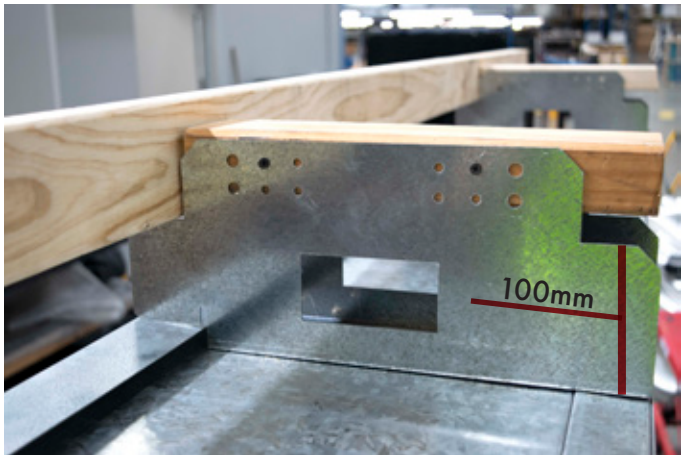
TOP SUPPORT BRACKETS

For transit and correct mounting the appliance is fitted with support brackets.

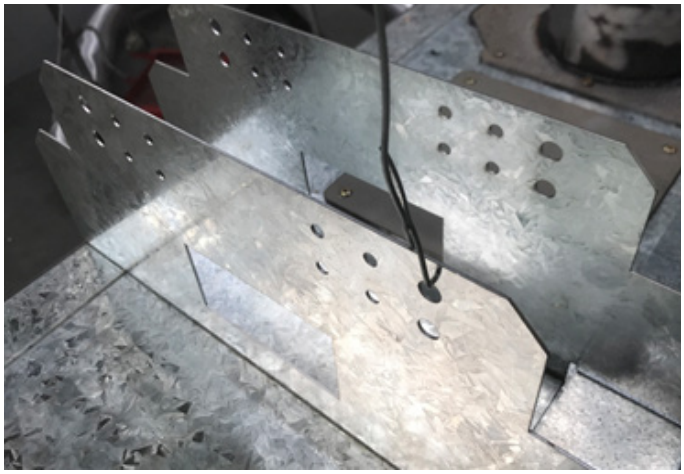
Once appliance is installed into location. The appliance top must be supported via either hanging from the top standoff brackets or by attaching the top support bracket to support beams.

Once supported the front support brackets can be removed.

TIMBER SUPPORT – Note 100mm clearance observed

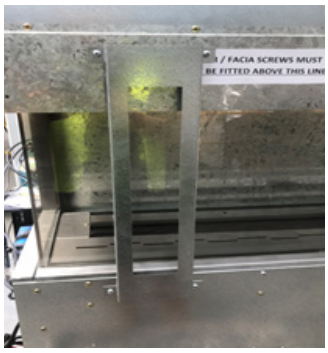


Hanging Wire Support
A minimum of 2.5mm steel wire is required to support the unit



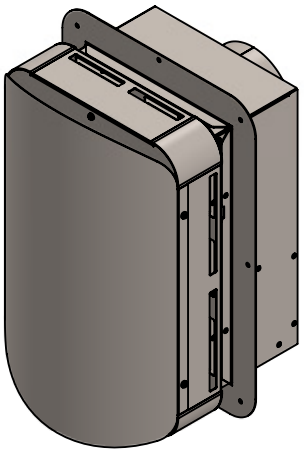
FRONT TRANSIT SUPPORT

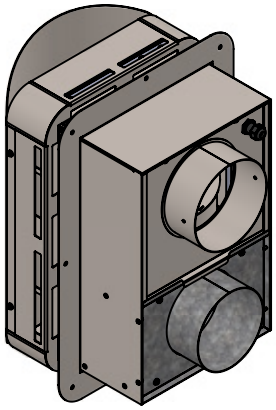
Support Bracket Fitted / Removed

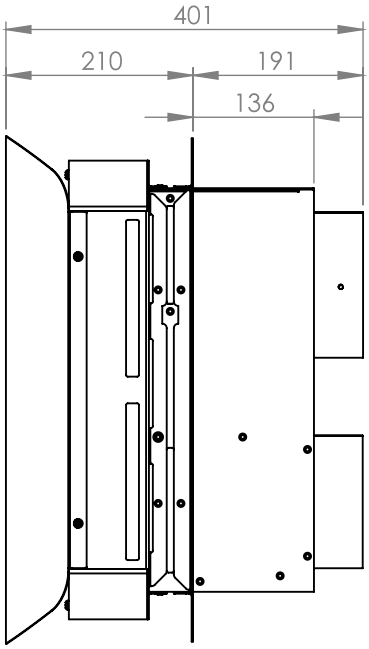


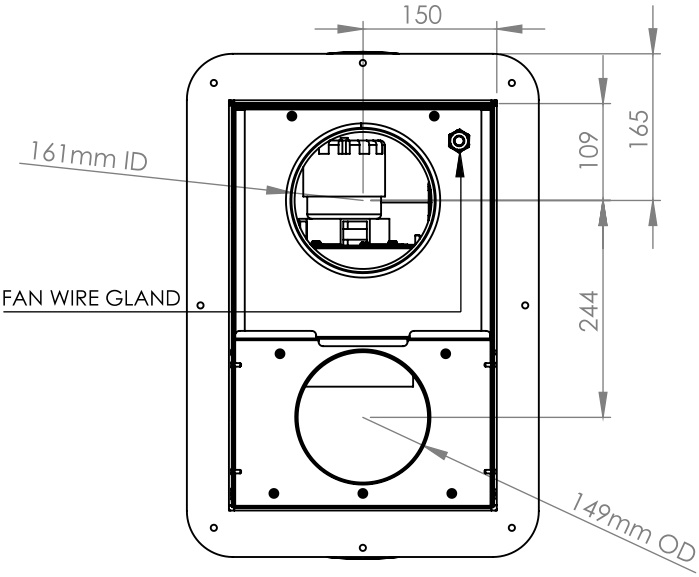
EXTERNAL WALL MOUNTED FAN MODULE INSTALLATION

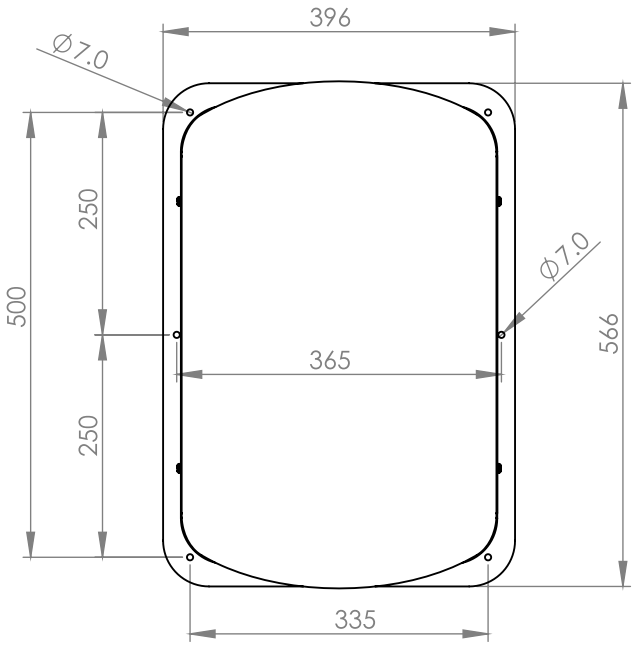
⌀150/⌀150 FLUE SIZE FOR 0-50M











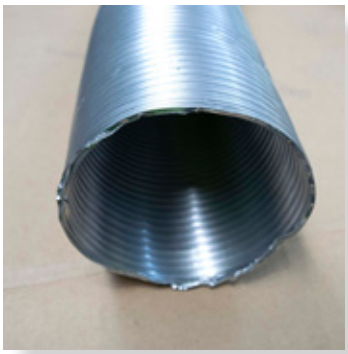
1. Wall mounted fan module – terminal must be installed with clearances as specified by AS/NZS 5601.1 Clause 6.9.3.

2. Run exhaust flue and air intake flue as required Maximum run 50m. Flues can be run next to each other. Maintain clearances to combustibles.

3. Connection to appliance

STEP 1- INTAKE FITMENT

NOTE- Exhaust flue is painted in red for identification.



Cut tube to length where required.

Ensure ends are burr free and round, test fit flue will slide over connection.

Note- Supplied flues are 150mm in

Recommended Silicon – Non-acetic, neutral cure 150°C or higher temperature rated.

Bostik RTV 926 or similar.

Apply an 8mm thick silicon bead fully around heater connection approx. 10mm from the top.

Apply an 8mm silicon bead fully around the inside of the flue end (heater connection end)

Fit flue clamp over flue (loosely).

Slide flue onto connection spigot fully.

Tighten clamp fully.

Wipe excess silicon, visually check connection to ensure connection is fully sealed

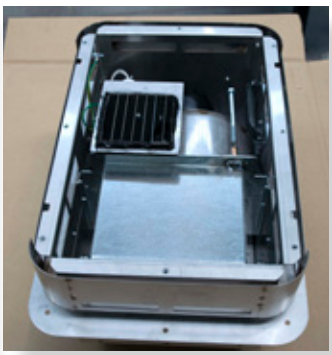
Repeat above with air intake flue pipe to heater connection. Both Flues must touch firmly down before the clamps are tightened.

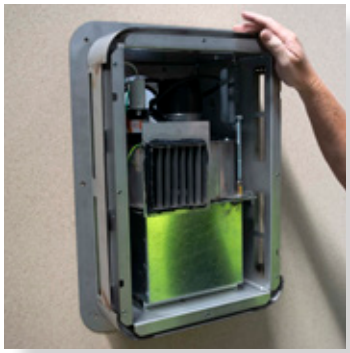
Clip flues as required to provide adequate support. 6. Connection to wall mounted fan terminal.

STEP 2- TERMINATION FITMENT AND FAN SPEED SETTING

Note- Weight of the flue termination is over 25kgs, it requires a two person lift.

Remove cover from fan terminal.

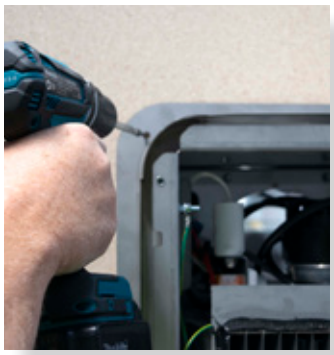


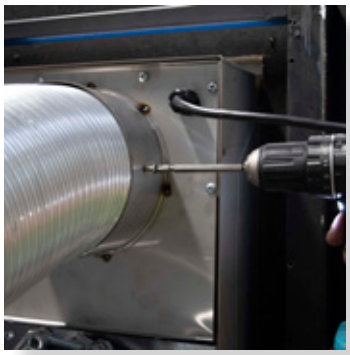


Proceed to fit the termination into cavity. Ensure the termination is verticle and is not leaning backwards

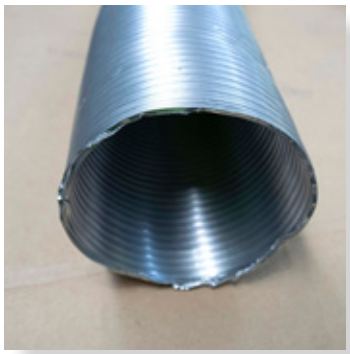
If there is no access to the termination from inside,fit flues prior to fitting termination assembly.

Fit flue clamp over flue (loosely) and attach to the exhaust end of the termination and tighten the clamp.





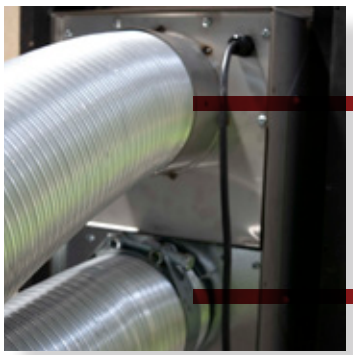
Fit the air intake flue to the air intake connection(top of the exhaust connection) and screw the flue on to the intake connection.



Cut flue exhaust tube (hot tube) to length (Approximately flush)

Cut air intake flue.

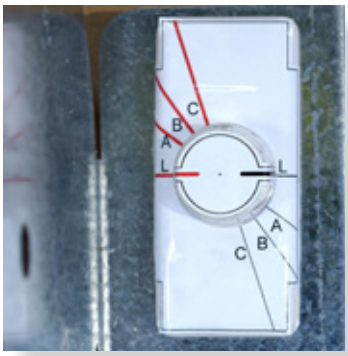
Ensure ends are burr free and round, test fit flue will slide over connection.



Apply an 8mm silicon bead fully around the outside of the flue connection end (heater connection end)

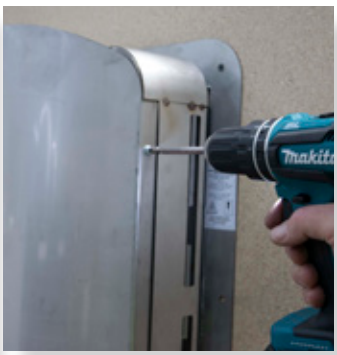
Attach appliance lead to flue termination lead.

Secure the lead so as to keep them at least 100mm away from the exhaust flue.



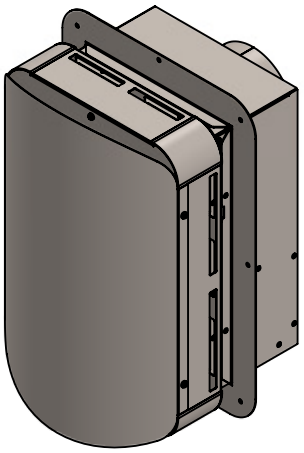
Set fan speed according to the flue length.
Refer to Appendix 3.

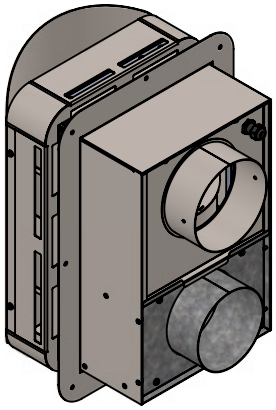
Fit front cover.

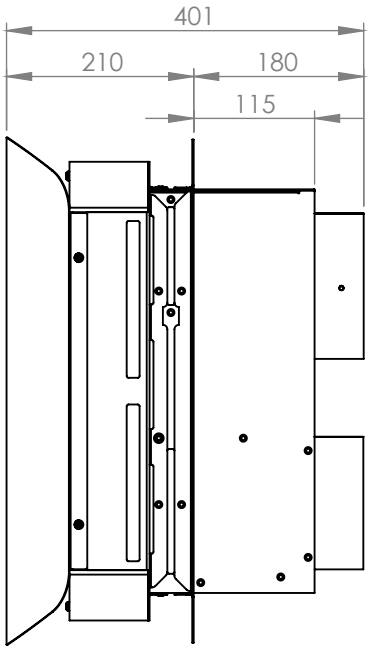


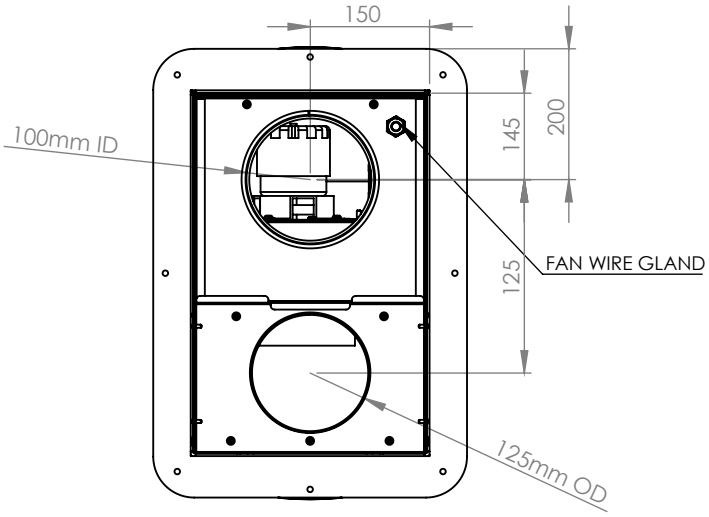
EXTERNAL WALL MOUNTED FAN MODULE INSTALLATION

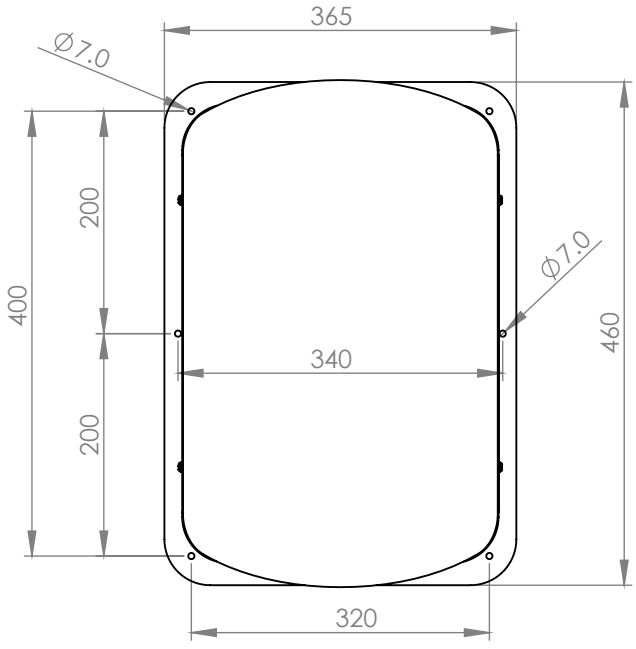
⌀ 100/ ⌀ 125 FLUE SIZE FOR 0-9M











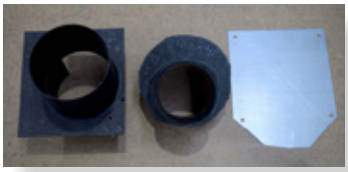
1. Wall mounted fan module – terminal must be installed with clearances as specified by AS/NZS 5601.1 Clause 6.9.3.

2. Run exhaust flue and air intake flue as required Maximum run 9m. Flues can be run next to each other. Maintain clearances to combustibles.

3. Connection to appliance

Moving from 0-50 to 0-9m fluing requires swapping the air intake spigot with the top steel plate on the left of the exhaust spigot.

The new spigot and plate will be supplied in the 9m flue kit.



The adapter for the exhaust, the 125mm air intake spigot and the top plate is all supplied with the 9m flue kit from GDA.

STEP 1- NEW INTAKE FITMENT

⌀125mm FLUE

Remove the steel plate and attach the air intake spigot in its location.

Apply an 8mm thick silicon bead fully around the opening of the air intake channel.

Recommended Silicon – Non-acetic, neutral cure 150°C or higher temperature rated.

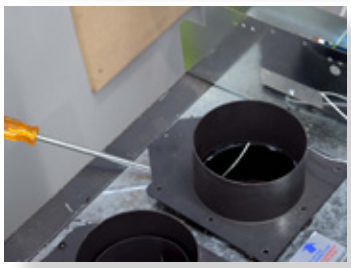
Bostik RTV 926 or similar.

Fix new air intake spigot in place once the opening is lined with silicon.

STEP 2- REMOVE ⌀150mm AIR INTAKE AND SEAL

Remove the 150mm air intake spigot and attached the steel plate to seal the location.

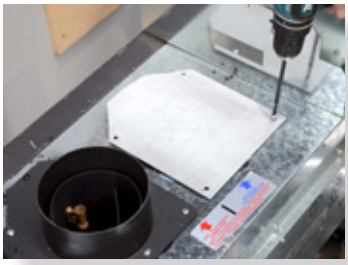
The spigot will need to be pushed out with a screwdriver as silicon beads are applied to prevent any leaks.



Apply an 8mm thick silicon bead fully around the opening of the old air intake channel and then proceed to screw in the top steel plate.

Recommended Silicon – Non-acetic, neutral cure 150°C or higher temperature rated.

Bostik RTV 926 or similar.

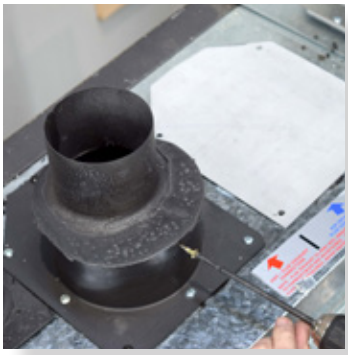


STEP 3- OUTLET SPIGOT ADAPTER FITMENT (⌀100mm FLUE)

NOTE- Exhaust flue is painted in red for identification.

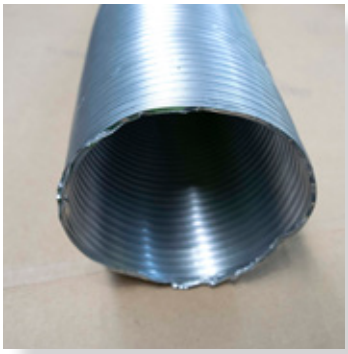
Apply 8mm thick silicon bead around the inside of the adapter that fixes on to the exhaust spigot.

Carefully place the adapter inside the exhaust and make sure it matches the V shaped lining on the inside of the exhaust spigot.



Screw the adapter in place with the spigot.

Reapply exhaust/air intake labeling sticker after changing the spigots and top plate.



Cut tube to length where required.

Ensure ends are burr free and round, test fit flue will slide over connection.

Note- Supplied flues are
⌀100mm outlet
⌀125mm inlet

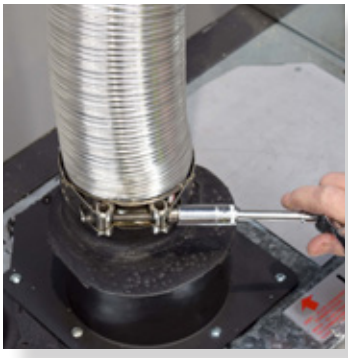
Recommended Silicon – Non-acetic, neutral cure 150°C or higher temperature rated.

Bostik RTV 926 or similar.

Apply an 8mm thick silicon bead fully around heater connection approx. 10mm from the top.

Apply an 8mm silicon bead fully around the inside of the flue end (heater connection end)

Fit flue clamp over flue (loosely).



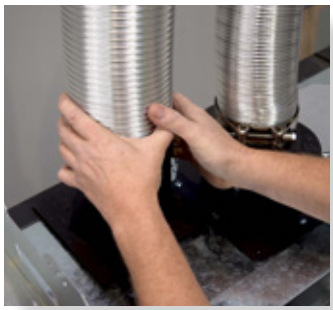
Slide exhaust flue onto connection spigot fully.

Tighten clamp fully.

Wipe excess silicon, visually check connection to ensure connection is fully sealed

Repeat above with air intake flue pipe to heater connection. Both Flues must touch firmly down before the clamps are tightened.

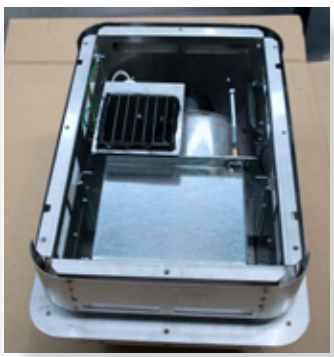
Clip flues as required to provide adequate support. 6. Connection to wall mounted fan terminal.

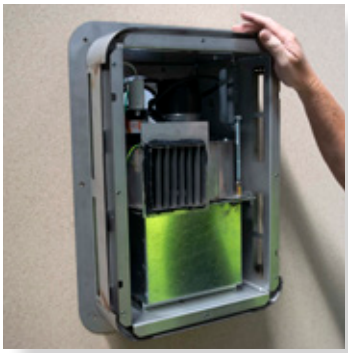


STEP 4- TERMINATION FITMENT AND FAN SPEED SETTING

Note- Weight of the flue termination is over 22kgs, it requires a two person lift.

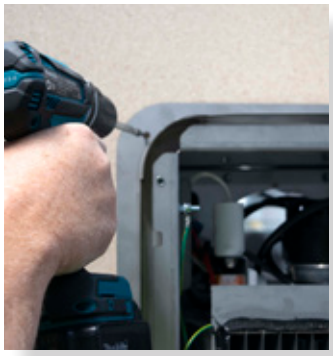
Remove cover from fan terminal.

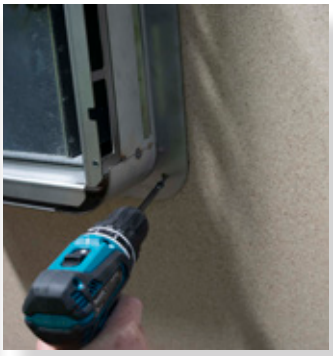


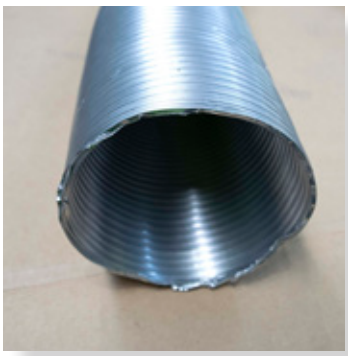


Proceed to fit the termination into cavity. Ensure the termination is verticle and is not leaning backwards

If there is no access to the termination from inside,fit flues prior to fitting termination assembly.







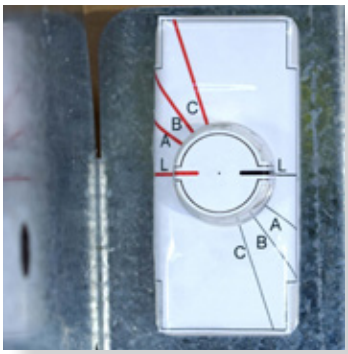
Cut flue exhaust tube (hot tube) to length (Approximately flush)

Cut air intake flue.

Ensure ends are burr free and round, test fit flue will slide over connection.

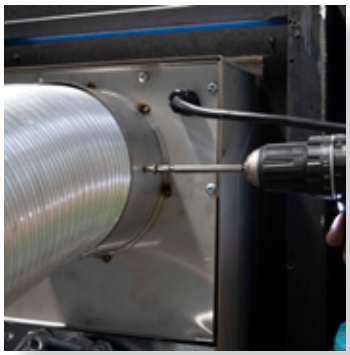
Apply an 8mm silicon bead fully around the outside of the flue connection end (heater connection end)

Fit flue clamp over flue (loosely) and attach to the exhaust end of the termination and tighten the clamp.



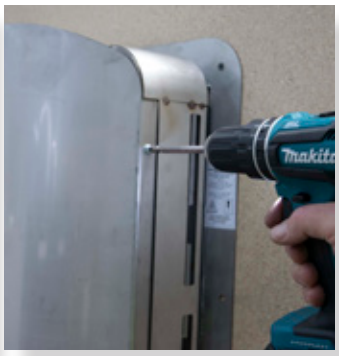
Set fan speed according to the flue length.
Refer to Appendix 3.

NOTE- Setting B or higher to be used for 0-9m flue.



Fit the air intake flue to the air intake connection(top of the exhaust connection) and screw the flue on to the intake connection.

Fit front cover.



Attach appliance lead to flue termination lead.

Secure the lead so as to keep them at least 100mm away from the exhaust flue.

ROOFTOP TERMINATION WITH EXTERNAL MOTOR

⌀150/ ⌀150 FLUE SIZE FOR 0-50M

Setup with external rooftop termination

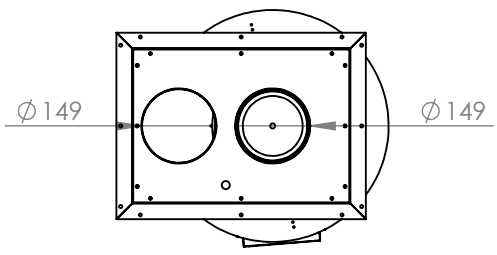
Maximum 50m flue length

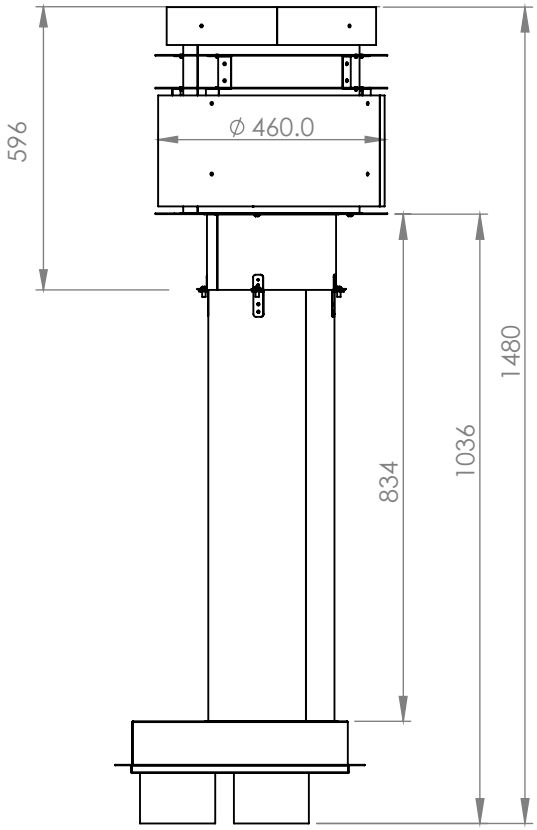
Rooftop termination

1. Rooftop fan module – Terminal must be installed with clearances as specified by AS/NZS 5601.1 Clause 6.9.3

2. Run exhaust flue and air intake flue as required

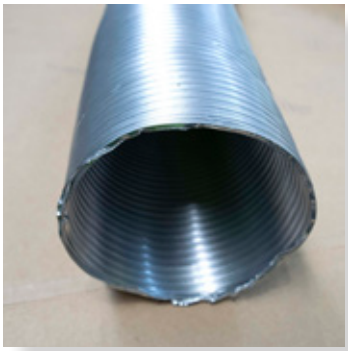
3. **Maximum run 50mts.** Flues can be run next to each other. Maintain the required clearances to combustibles.





STEP 1- INTAKE FITMENT

NOTE- Exhaust flue is painted in red for identification.



Cut tube to length where required.

Ensure ends are burr free and round, test fit flue will slide over connection.

Note- Supplied flues are 150mm in

Recommended Silicon – Non-acetic, neutral cure 150°C or higher temperature rated.

Bostik RTV 926 or similar.

Apply an 8mm thick silicon bead fully around heater connection approx. 10mm from the top.

Apply an 8mm silicon bead fully around the inside of the flue end (heater connection end)

Fit flue clamp over flue (loosely).

Slide flue onto connection spigot fully.

Tighten clamp fully.

Wipe excess silicon, visually check connection to ensure connection is fully sealed

Repeat above with air intake flue pipe to heater connection. Both Flues must touch firmly down before the clamps are tightened.

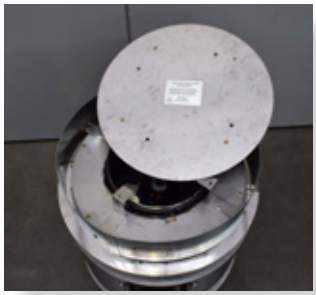
Clip flues as required to provide adequate support. 6. Connection to wall mounted fan terminal.

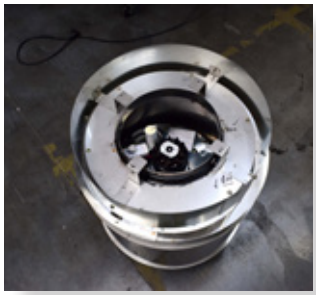
STEP 2- TERMINATION FITMENT AND FAN SPEED SETTING

The Vertical termination is supplied in two parts.

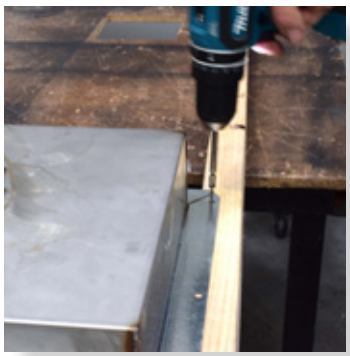
1) The top part is the termination

2) The tall cylindrical part is the roof penetration which forms the base of the termination.





Remove the screws from the top plate of the term and proceed to remove the top plate.



Screw the term onto the roof panel to support.

Note- Recommended spacing between supports are 320mm and 450mm, depending on the position of term.

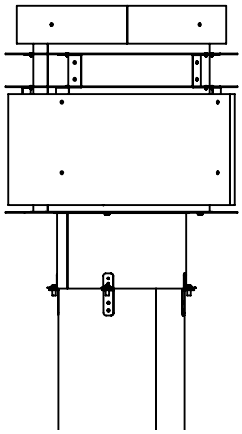
Apply an 8mm silicon bead fully around the inside of the flue end (heater connection end)

Fit flue clamp over flue (loosely).

Wipe excess silicon.

Fit flue clamp over flue (loosely) and attach to the exhaust end of the termination and tighten the clamp. Make sure you push the exhaust flue fully to the termination socket before tightening the clamp.

Fit the air intake flue to the air intake connection(top of the exhaust connection) and screw the flue on to the intake connection.



Minimum of **350mm** distance must be maintained to the roof. Remaining length can be recessed in roof cavity.

NOTE- Flue terminal assembly cannot be cut down.

Attach appliance lead to flue termination lead.

Secure the lead so as to keep them at least 100mm away from the hot flue.

Fit a decktite (50-300mm) or similar sealant to close the gap between the roof and termination as per the manufacturer's recommendation.

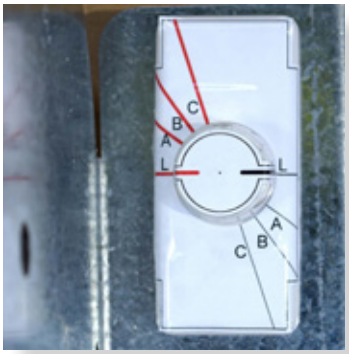
Rivet all four mounting brackets to the termination.

Flip the cable inwards and fit the termination to the roof penetration.

Ensure both the arrows on the termination and penetration are aligned for easy cable fitment.

Attach screws to the side mount.

Pull the cable to the top of the termination and attach to the connection block as shown below. Please ensure that the leads do not touch the motor in any way (cable tie if necessary).



Set fan speed according to your flue length. (Refer to appendix 3).

Fit the top cover and screw into place.

ROOFTOP TERMINATION WITH EXTERNAL MOTOR

⌀100/ ⌀125 FLUE SIZE FOR 0-9M

Setup with external rooftop termination

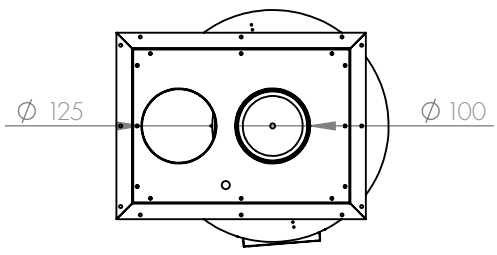
Maximum 9m flue length

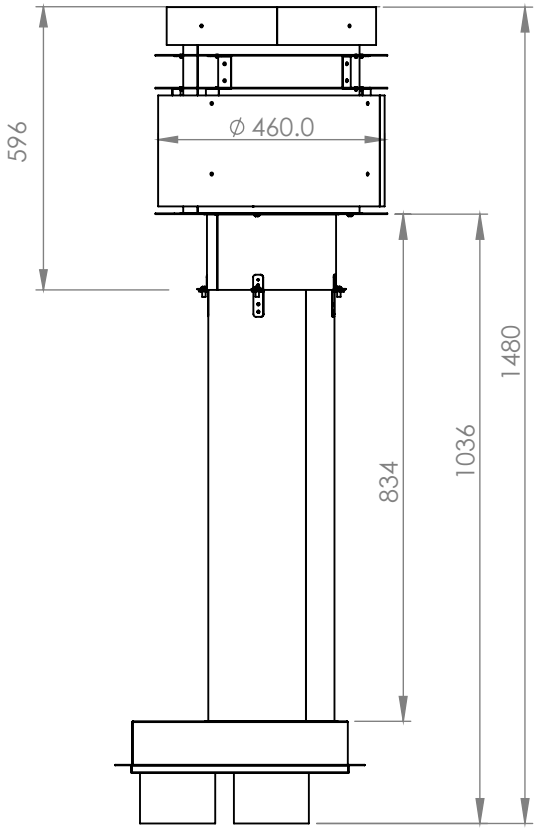
Rooftop termination

1. Rooftop fan module – Terminal must be installed with clearances as specified by AS/NZS 5601.1 Clause 6.9.3

2. Run exhaust flue and air intake flue as required

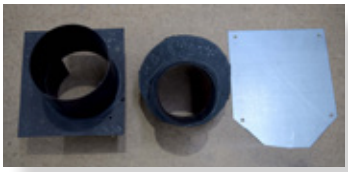
3. **Maximum run 9mts.** Flues can be run next to each other. Maintain the required clearances to combustibles.





Moving from 0-50 to 0-9m fluing requires swapping the air intake spigot with the top steel plate on the left of the exhaust spigot.

The new spigot and plate will be supplied in the 9m flue kit.



The adapter for the exhaust, the 125mm air intake spigot and the top plate is all supplied with the 9m flue kit from GDA.

STEP 1- NEW INTAKE FITMENT

⌀125mm FLUE

Remove the steel plate and attach the air intake spigot in its location.

Apply an 8mm thick silicon bead fully around the opening of the air intake channel.

Recommended Silicon – Non-acetic, neutral cure 150°C or higher temperature rated.

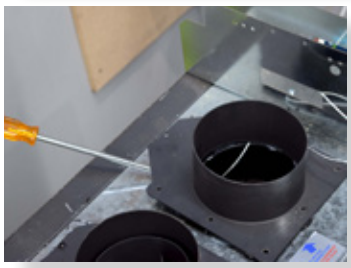
Bostik RTV 926 or similar.

Fix new air intake spigot in place once the opening is lined with silicon.

STEP 2- REMOVE ⌀150mm AIR INTAKE AND SEAL

Remove the 150mm air intake spigot and attached the steel plate to seal the location.

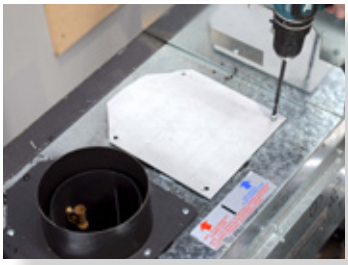
The spigot will need to be pushed out with a screwdriver as silicon beads are applied to prevent any leaks.



Apply an 8mm thick silicon bead fully around the opening of the old air intake channel and then proceed to screw in the top steel plate.

Recommended Silicon – Non-acetic, neutral cure 150°C or higher temperature rated.

Bostik RTV 926 or similar.

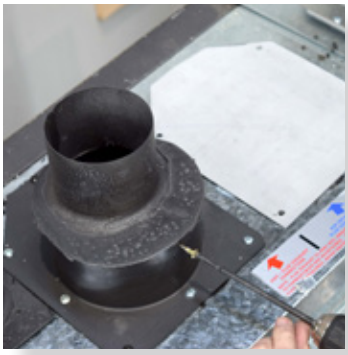


STEP 3- OUTLET SPIGOT ADAPTER FITMENT (⌀100mm FLUE)

NOTE- Exhaust flue is painted in red for identification.

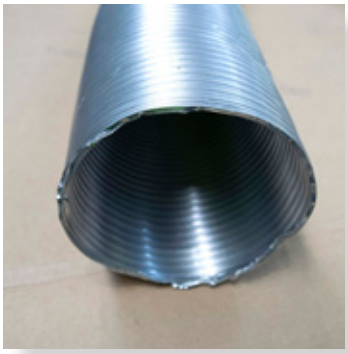
Apply 8mm thick silicon bead around the inside of the adapter that fixes on to the exhaust spigot.

Carefully place the adapter inside the exhaust and make sure it matches the V shaped lining on the inside of the exhaust spigot.



Screw the adapter in place with the spigot.

Reapply exhaust/air intake labeling sticker after changing the spigots and top plate.



Cut tube to length where required.

Ensure ends are burr free and round, test fit flue will slide over connection.

Note- Supplied flues are
⌀100mm outlet
⌀125mm inlet

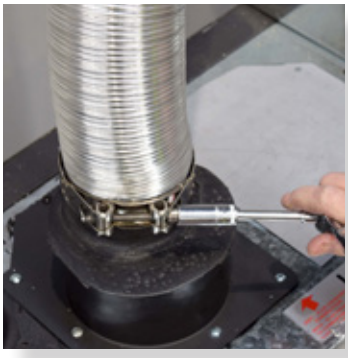
Recommended Silicon – Non-acetic, neutral cure 150°C or higher temperature rated.

Bostik RTV 926 or similar.

Apply an 8mm thick silicon bead fully around heater connection approx. 10mm from the top.

Apply an 8mm silicon bead fully around the inside of the flue end (heater connection end)

Fit flue clamp over flue (loosely).



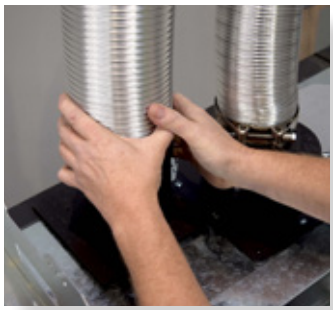
Slide exhaust flue onto connection spigot fully.

Tighten clamp fully.

Wipe excess silicon, visually check connection to ensure connection is fully sealed

Repeat above with air intake flue pipe to heater connection. Both Flues must touch firmly down before the clamps are tightened.

Clip flues as required to provide adequate support. 6. Connection to wall mounted fan terminal.



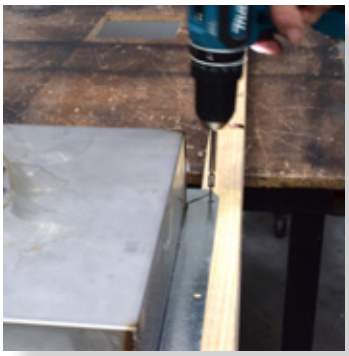
STEP 4- TERMINATION FITMENT AND FAN SPEED SETTING

The Vertical termination is supplied in two parts.

1) The top part is the termination

2) The tall cylindrical part is the roof penetration which forms the base of the termination.

Remove the screws from the top plate of the term and proceed to remove the top plate.

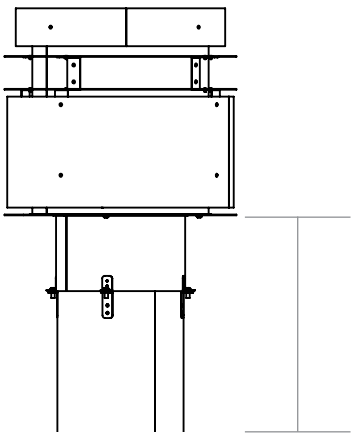


Screw the term onto the roof panel to support.

Note- Recommended spacing between supports are 320mm and 450mm, depending on the position of term.

Fit flue clamp over flue (loosely) and attach to the exhaust end of the termination and tighten the clamp. Make sure you push the exhaust flue fully to the termination socket before tightening the clamp.

Fit the air intake flue to the air intake connection(top of the exhaust connection) and screw the flue on to the intake connection.



Minimum of **350mm** distance must be maintained to the roof. Remaining length can be recessed in roof cavity.

NOTE- Flue terminal assembly cannot be cut down.

Attach appliance lead to flue termination lead.

Secure the lead so as to keep them at least 100mm away from the hot flue.

Fit a decktite (50-300mm) or similar sealant to close the gap between the roof and termination as per the manufacturer's recommendation.

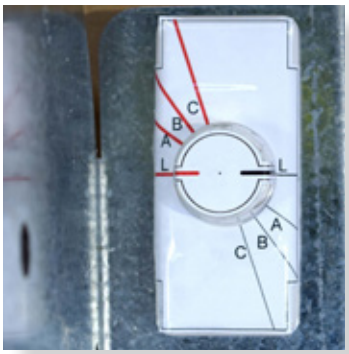
Rivet all four mounting brackets to the termination.

Flip the cable inwards and fit the termination to the roof penetration.

Ensure both the arrows on the termination and penetration are aligned for easy cable fitment.

Attach screws to the side mount.

Pull the cable to the top of the termination and attach to the connection block as shown below. Please ensure that the leads do not touch the motor in any way (cable tie if necessary).



Set fan speed according to your flue length. (Refer to appendix 3).

NOTE- Setting B or higher to be used for 0-9m flue.

Fit the top cover and screw into place.

FITTING SIDE PANELS

The Nuvo fireplace can be configured to a 1 sided setting, RH corner setting, LH corner setting or a 3 sided viewing configuration.

The unit is supplied as standard in a 3 sided configuration setting. In case the unit is to be installed in a singled sided or double sided configuration, one or two of the sides has to be covered with a panel.

Follow the instructions to fit the side panels.

Slide the inner side panel upwards and into the allocated slot.

3 screws go into the bottom of the side panel.

Rivet the inner side panel at the top on each corner.

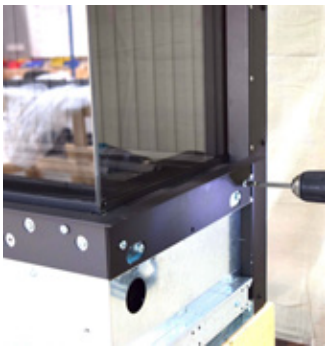
Slide the outer side panel upwards and into the allocated slot.

Rivet the outer side panel in each allocated hole.

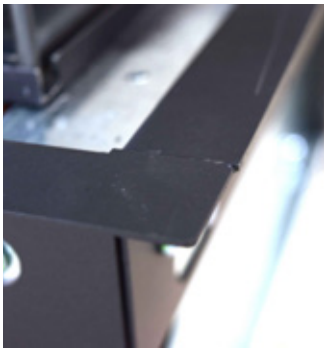
For a single sided configuration proceed with the above steps on the other side of the unit.

FITTING LOWER FRONT TRIM

Fit the front trim and screw 7 screws into place by matching it with the slot on the fireplace.



Screw the side trim in the 2 slots provided.
(where required)



Ensure the front trim and the side trim match perfectly.

Proceed to fix the other side by screwing into place.

The middle trim between the front trim and the fireplace should easily slide into place.

Place the middle trim on the sides and ensure they match perfectly as shown.

COMMISSIONING PROCEDURE

Once the fire is installed:

1. Install media.
2. Check for gas leaks.
3. Connect powerflue module loom to fan control unit.
4. Carry out the lighting procedure.
5. Check burner pressures and adjust as per dataplate.
6. Fit access cover and trim.
7. Handover instructions to owner.
8. Instruct owner on how to operate the fireplace safely.
9. Instruct owner how to isolate appliance in an emergency.

MEDIA INSTALLATION

GENERAL INSTALLATION NOTE

Lay media as per instructions along the entire length of the burner. Refer specific instructions below for each media type. Media where across the burner should be laid in a criss cross pattern along the full length of the burner. Do not place media along the burner channel / blocking the burner channel. Do not over stack media at one end.

Incorrect Media Installation

Do not place logs directly over the burner channel, blocking large portions of the channel.

Do not place the logs in a straight line as it will block the burner channel.

Do not over stack the logs and do not use coals to increase the height of the logs.

Correct Media Installation

IMPORTANT

Do not cover or block pilot area.

Nordic Pine

Spread coals randomly on and along the burner, avoid blocking the burner channel and the air grate. Media may lay across the burner channel but should not be placed to smother the channel.

- Lay coals media first in a random arrangement along the entire length of the burner.
- Avoid smothering the burner channel.
- Ensure media is not heaped in areas, spread evenly along.
- Start placing log media from a corner with logs over side plate.
- Do not cover the air grate.
- Spread Nordic logs evenly across the burner.
- Take note of the arrangements to avoid, in the next section of this page.
- Add large coals at the end in random order.
- Do not add extra media, or combine media types.
- Only the approved supplied media is to be used.
- Refer to Glen Dimplex for technical advice regarding media.
- Do not cover pilot area.
- Do not overfill with media above the pilot cover level.
- Ensure the pilot flame is not impinged by media and can cross light the main burner.
- Do not use any other media than as supplied and recommended by the manufacturer.
- Use of other media may result in explosive media which may cause injury or damage.
- Do not use coals to raise the logs higher.

TYPICAL SETUP

Arrangement Instruction

Media must be laid out from corner to corner of the firebox. Start media placement from a corner by placing the coals first and then logs, starting from one corner to another.

Do not block the burner channel and the air grate.

CRITICAL ARRANGEMENTS TO AVOID

Do not place logs directly over the channel, blocking large portions of the channel.

Do not over stack (triple stack logs).

Scan to view the instructions video.

Redgum with assorted coals

Spread coals randomly on and along the burner, avoid blocking the burner channel. Media may lay across the burner channel but should not be placed to smother the channel. No more than 10 coals should be placed across the burner channel.

- Lay logs first across the burner.
- Lay redgum media in a random arrangement along the entire length of the burner.
- Avoid smothering the burner channel.
- Ensure media is not heaped in areas , spread evenly along.
- Do not add extra media, or combine media types .
- Only the approved supplied media is to be used.
- Refer to Glen Dimplex for technical advice regarding media.
- Do not cover pilot area.
- Do not overfill with media above the pilot cover level.
- Ensure the pilot flame is not impinged by media and can cross light the main burner.
- Do not use any other media than as supplied and recommended by the manufacturer.
- Use of other media may result in explosive media which may cause injury or damage.
- Do not use coals to raise the logs higher.

TYPICAL SETUP

Arrangement Instruction

Media must be laid out from corner to corner of the firebox. Start media placement from a corner by placing the first log over the side cover plate.

CRITICAL ARRANGEMENTS TO AVOID

Do not place logs directly over the channel, blocking large portions of the channel.

Do not place coals underneath logs to raise the logs too high off the burner surface.

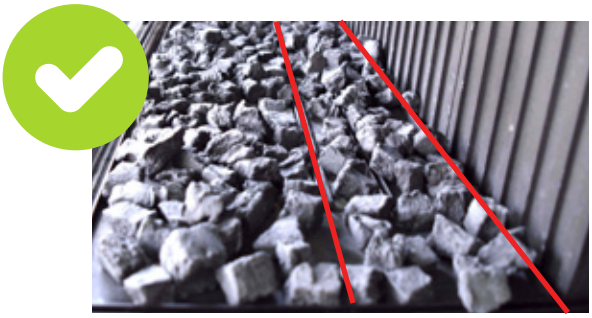
Alpine Forest

- Lay coals media in a random arrangement along the entire length of the burner.
- Avoid smothering the burner channel.
- Ensure media is not heaped in areas, spread evenly along.
- Do not cover the air grate.
- Lay the bark chips media next, starting from the longest to the shortest.
- Follow the steps in the next section to place the logs.
- Be gentle in placing the logs and avoid placing them directly on the burner channel.
- Do not add extra media, or combine media types.
- Only the approved supplied media is to be used.
- Do not cover pilot area.
- Do not overfill with media above the pilot cover level.
- Ensure the pilot flame is not impinged by media and can cross light the main burner.
- Do not use any other media than as supplied and recommended by the manufacturer.
- Use of other media may result in explosive media which may cause injury or damage.
- Do not use coals to raise the logs higher.

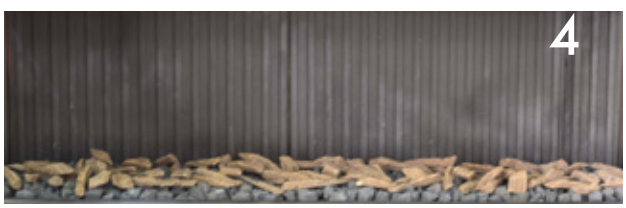
TYPICAL SETUP

Arrangement Instruction

Start by placing the coals first and make sure you do not block the burner channel or the air grate at the back.



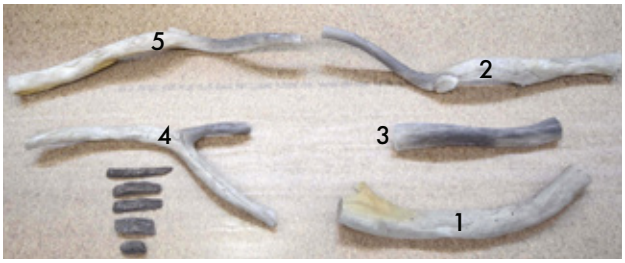
After the coals have been laid on the burner, start placing bark chips media. Start with the longest and move to the smallest. Make sure each size has been laid evenly across the burner.



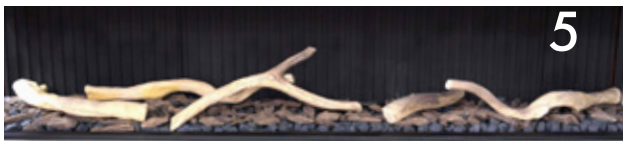
Make sure the burner channel is not smothered and there is no media on the air intake grate.

After the coals and bark chips have been spread evenly, proceed to placing logs on the media bed. Make sure the below steps are followed for an even flame pattern and look of the fireplace.

Logs in the order they must be placed.



Logs in the order they must be placed.
NOTE- Number 5 is only for the NVS 1800 arrangement.



NOTE- Log setup for NVS 1800 (step 5) differs from NVS 1200. The video below outlines setups for the NVS 1800 setup.

Scan to view the instructions video.

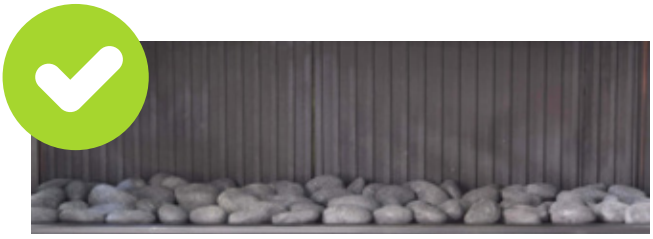
River Gorge

- Lay pebbles media in a random arrangement along the entire length of the burner.
- Avoid smothering the burner channel.
- Ensure media is not heaped in areas, spread evenly along.
- Do not cover the air grate.
- Follow the steps in the next section to place the logs.
- Be gentle in placing the logs and avoid placing them directly on the burner channel.
- Be careful while joining the logs as they need to be handled delicately.
- If the log needs to be disassembled - ensure that you separate the segments very delicately. Do not angle the pieces when separating, only separate in a linear motion.
- Do not add extra media, or combine media types.
- Only the approved supplied media is to be used.
- Do not cover pilot area.
- Do not overfill with media above the pilot cover level.
- Ensure the pilot flame is not impinged by media and can cross light the main burner.
- Do not use any other media than as supplied and recommended by the manufacturer.
- Use of other media may result in explosive media which may cause injury or damage.
- Do not use pebbles to raise the logs higher.

TYPICAL SETUP

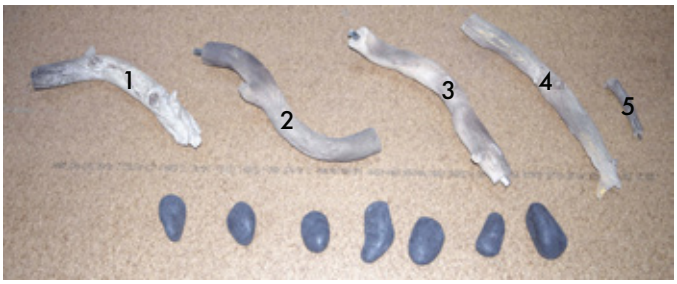
Arrangement Instruction

Start by placing the pebbles first and make sure you do not block the burner channel or the air grate at the back.



After the pebbles have been spread evenly, proceed to placing logs on the media bed. Make sure the below steps are followed for an even flame pattern and look of the fireplace. Make sure you joint the log pieces very delicately.

Logs in the order they must be placed.
NOTE- Number 4 is only for the NVS1800 arrangement.



NOTE- Step 4 is only for the NVS1800 arrangement.

The log segments can be connected in four different orientations - only one is correct. To ensure that the segments are oriented correctly, match the bark detail at the connection points.

NOTE- Centre of the assembled log must rest on the pilot bracket and the two ends must not end up on the burner channel.

Scan to view the instructions video.

Tasman Shoreline

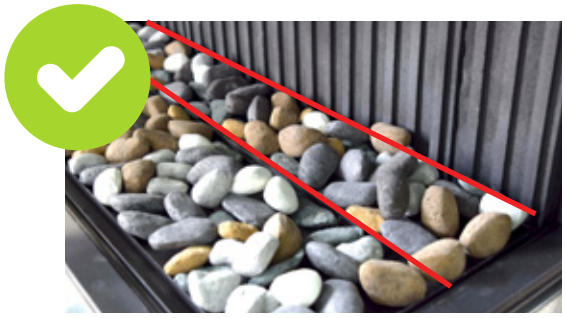
- Lay mixed pebbles media in a random arrangement along the entire length of the burner.
- Avoid smothering the burner channel.
- Ensure media is not heaped in areas, spread evenly along.
- Do not cover the air grate.
- Follow the steps in the next section to place the logs.
- Be gentle in placing the logs and avoid placing them directly on the burner channel.
- Be careful while joining the logs as they need to be handled delicately.
- If the log needs to be disassembled - ensure that you separate the segments very delicately. Do not angle the pieces when separating, only separate in a linear motion.
- Do not add extra media, or combine media types.
- Only the approved supplied media is to be used.
- Do not cover pilot area.
- Do not overfill with media above the pilot cover level.
- Ensure the pilot flame is not impinged by media and can cross light the main burner.
- Do not use any other media than as supplied and recommended by the manufacturer.
- Use of other media may result in explosive media which may cause injury or damage.
- Do not use pebbles to raise the logs higher.

TYPICAL SETUP FOR NVS1200

TYPICAL SETUP FOR NVS1800

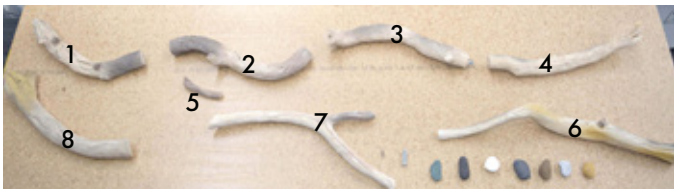
Arrangement Instruction

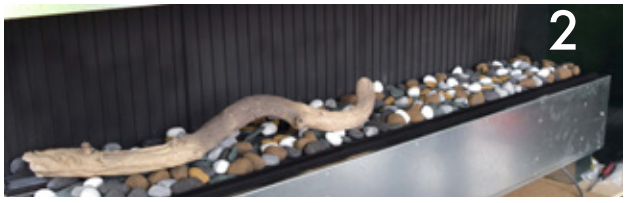
Start by placing the pebbles first and make sure you do not block the burner channel or the air grate at the back.



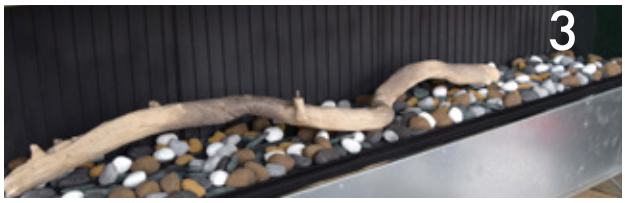
After the pebbles have been spread evenly, proceed to placing logs on the media bed. Make sure the below steps are followed for an even flame pattern and look of the fireplace. Make sure you join the log pieces very delicately.

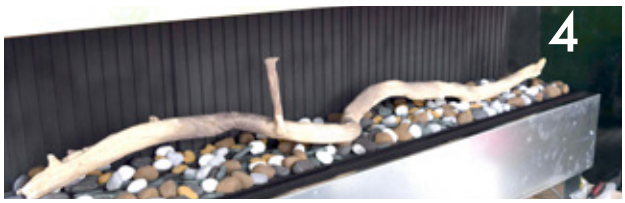
Logs in the order they must be placed.
NOTE- Number 4 and 8 are only for the NVS1800 arrangement.





The log segments can be connected in four different orientations - only one is correct. To ensure that the segments are oriented correctly, match the bark detail at the connection points.





NOTE- Centre of the assembled log must rest on the pilot bracket and the two ends must not end up on the burner channel.

Scan to view the instructions video.

CONVERSION DETAILS / INJECTOR – PILOT AND BURNER REMOVAL

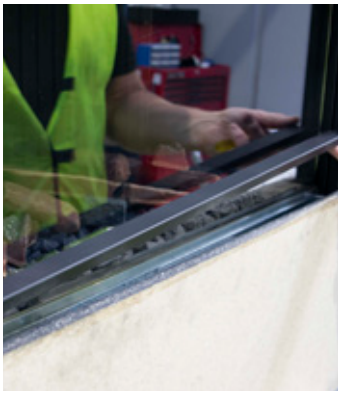
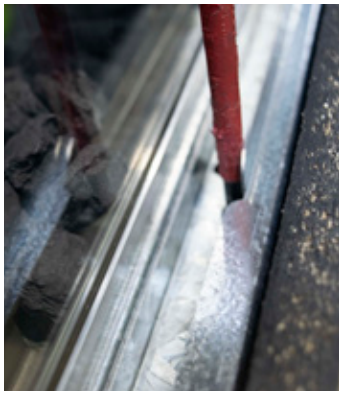
Natural gas / Propane /ULPG

TOOLS REQUIRED

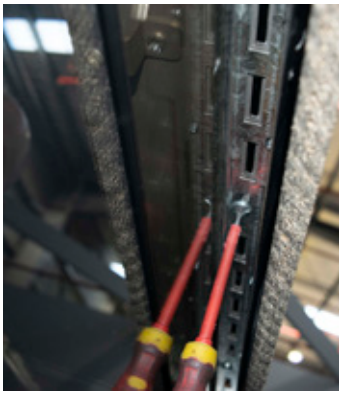
10mm spanner
15mm spanner
16mm Spanner (recommended) or small/medium shifter
No2 Phillip head screwdriver
Allen key 2.5mmAF

CONVERSION STEPS

Turn appliance off and allow to cool.
Turn off gas to appliance
Turn off and isolate appliance from electrical supply
Remove front trim and bottom panel to get access to the glass

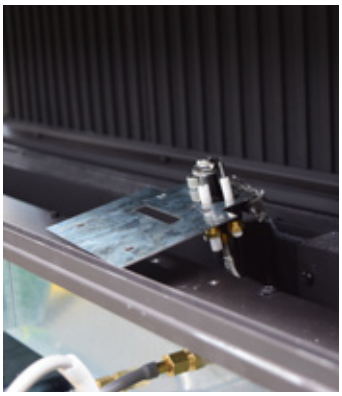



Undo the bottom screw under the front trim and on top of the unit as show to loosen glass.

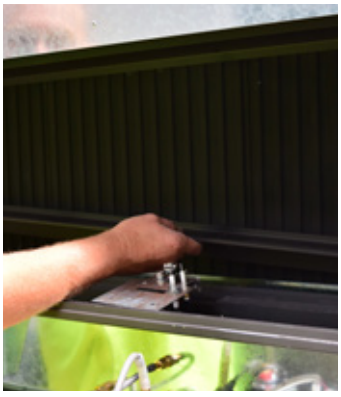



Fit suction cups on the glass and lift glass up and hinge out gently and remove the media.


Remove pilot cover

Remove the rear air ducts and side media tray

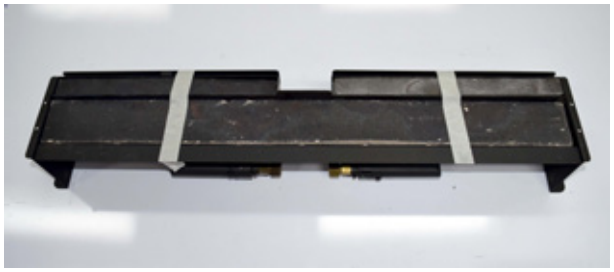



Remove spark probe and probe using a 10mm spanner

Undo gas connection pipe at end of burner. (15mm and 16mm spanner required)

Detach the burner

Lift burner out gently. Avoid marking back wall. Keep burner in the flat position until insulation is restrained (Rotating the burner may cause insulation to fall and be damaged.



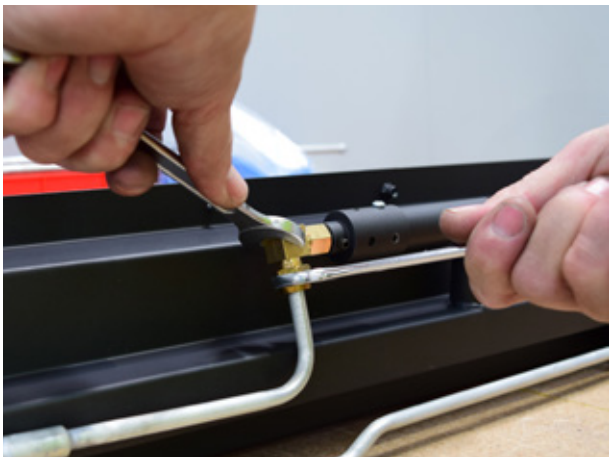
RECOMMENDED STEP

To avoid damage to the insulation apply low tack tape to the burner to restrain the insulation into position. Avoid pressing the tape onto the media. The insulation media may easily crack if the appliance have been operated for several hours. The media may be carefully lifted out and placed flat to store until refitting. The media can be repainted using an approved high temperature paint, contact Real Flame for details.

Turn burner over gently. AVOIDING DAMAGING THE INSULATION

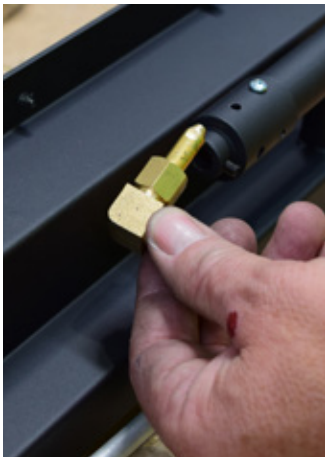
Loosen gas pipe nuts form injectors and move gas pipe away. Note – 15mm spanner required for the nuts, a shifter or spanner should be used to support the brass injector assembly.

Using a 15mm and 16mm spanner undo the bottom nut



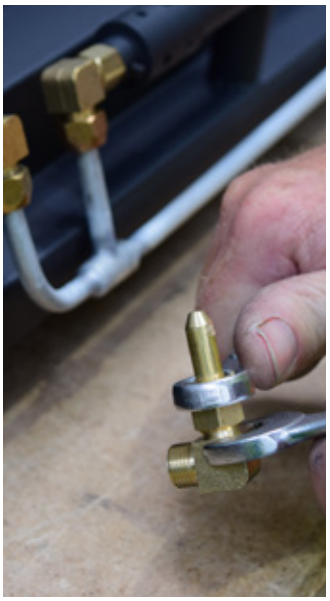
Undo grub screw (Allen key 2.5mm AF). Injector assembly can now be removed.

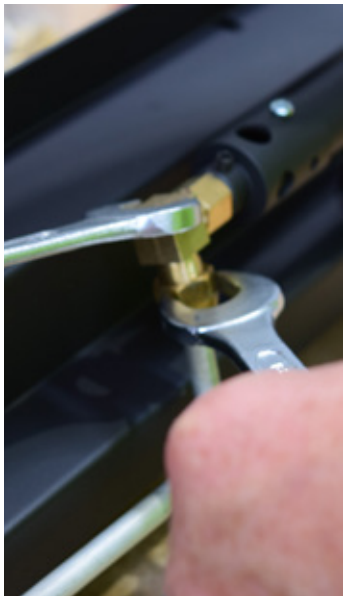
Remove all injector assemblies. Unscrew injector and replace cap correct gas type.



Using a 15mm and 16mm spanner remove injector shaft

Replace with new injector shaft and olive.
Ensure that the shaft fits at the base of the elbow





<u>Aeration Setting- 1200 Model</u>

Natural Gas -	3.5 mm diameter hole (2 off)
LPG -	8.0 mm diameter hole (2 off)
ULPG -	8.0 mm diameter hole (2 off)

<u>Aeration Setting- 1800 Model</u>

Natural Gas -	4 mm diameter hole (2 off)
LPG -	9.0 mm diameter hole (2 off)
ULPG -	9.0 mm diameter hole (2 off)

Ensure there are no gaps between injector nut and cap. Proceed to fit the grub screw with 2.5mm allen key.

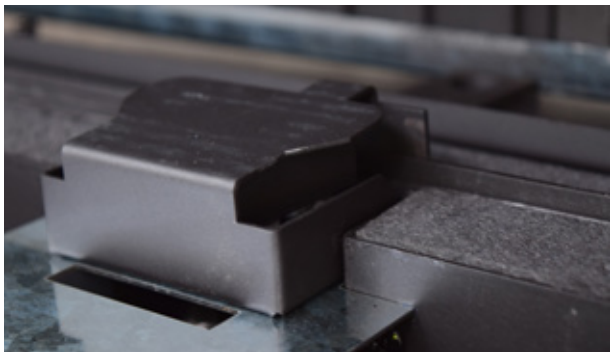
Place the burner back into the fireplace

Fit gas connection pipe at end of burner. (15mm and 16mm spanner required)

PILOT RE-FITMENT

Replace pilot orifice with correct gas type.
Refit pilot gas pipe and tighten
Refit spark probe and gently tightly
Refit spark lead
Push pilot assembly down to original position and refit the bracket retaining screw.

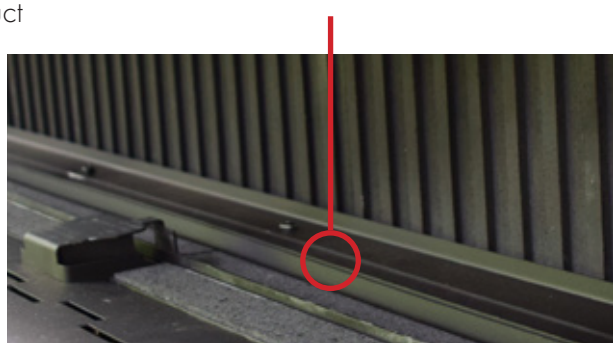
Check all wires are sitting correctly, flush to front wall. Ensure spark lead is not broken or excessively bent. Ensure lead hole is still sealed. (High temperature silicon is suitable for resealing.)



BURNER RE-FITMENT

Carefully place burner into firebox, supporting LH end of the burner.
Tighten gas pipe connection to the end of the burner.
Burner can now be lowered fully into the firebox.
Refit burner retaining screws (2 off)
Refit rear air ducts and side covers

Ensure there is min1.6mm gap between burner and air duct



Replace media as per media fitment instructions.
Refit trim and glass as previously specified

Fit manometer to appliance.
Start appliance and check for gas leaks in lower area and in firebox.
Adjust high and low burner pressures to the data-plate. (The appliance must operate for 3minutes before high pressure setting can be obtained).

Check appliance for correct flame operation,
Check pilot flame, Check main burner is not smothered and flames are even along burner with correct colour and not excessively yellow or sooty. (Note it takes upto 10minutes of operation for the flame to achieve full colour.)

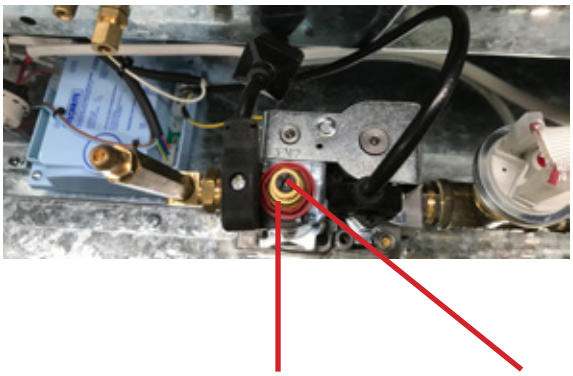
Remove manometer and tighten test point. Check test point for gas leaks.

Turn appliance off.

Refit lower access panel.

Refit trim.

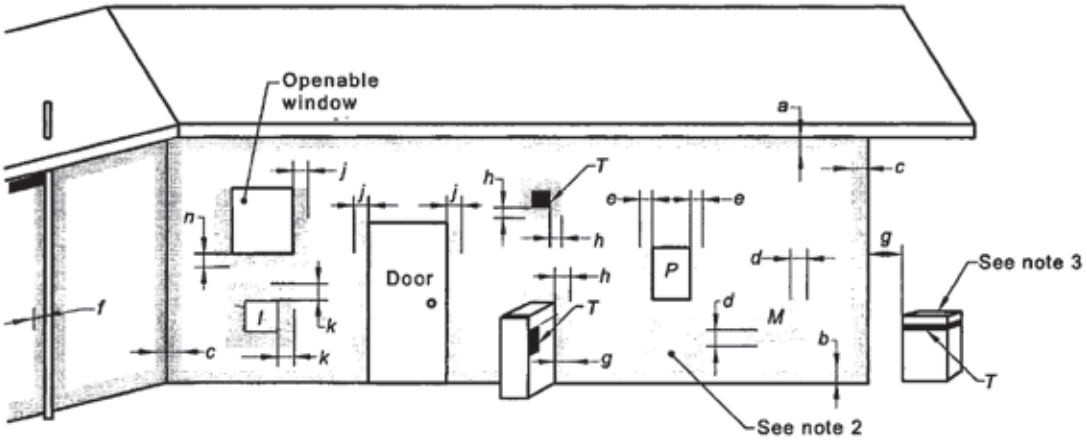
Refit trim retaining screws (2 off) Screws locate into 2 off pre-threaded holes in the appliance casing.



PARTS LIST

Parts	Picture
Valve	
SIT Pilot assembly- refer gas type	
Injector Natural gas- refer gas type	
Techrite Ignition System	

APPENDIX 1- FLUE TERMINATION



LEGEND:

T = Flue terminal
I = Mechanical air inlet
M = Gas meter
P = Electricity meter or fuse box

Shading indicates prohibited areas for flue terminals

Ref.	Item	Minimum clearances (mm)	
		Natural draft	Fan assisted
a	Below eaves, balconies and other projections:		
	• *Appliances* up to 50 MJ/h input	300	200
	• *Appliances* over 50 MJ/h input	500	300
b	From the ground, above a balcony or other surface †	300	300
c	From a return wall or external corner †	500	300
d	From a *gas meter* (M) (see 4.7.11 for vent terminal location of *regulator*)	1000	1000
e	From an electricity *meter* or fuse box (P)	500	500
f	From a drain pipe or soil pipe	150	75
g	Horizontally from any building structure † or obstruction facing a terminal	500	500
h	From any other *flue terminal*, cowl, or combustion air intake †	500	300
j	Horizontally from an openable window, door, non-mechanical air inlet, or any other opening into a building with the exception of sub-floor ventilation:		
	• *Appliances* up to 150 MJ/h input	500	300
	• *Appliances* over 150 MJ/h input up to 200 MJ/h input	1500	300
	• *Appliances* over 200 MJ/h input up to 250 MJ/h input †	1500	500
	• *Appliances* over 250 MJ/h input †	1500	1500
	• All fan-assisted *flue appliances*, in the direction of discharge	-	1500
k	From a mechanical air inlet, including a spa blower	1500	1000
n	Vertically below an openable window, non-mechanical air inlet, or any other opening into a building with the exception of sub-floor ventilation:		
	• Space heaters up to 50 MJ/h input	150	150
	• Other *appliances* up to 50 MJ/h input	500	500
	• *Appliances* over 50 MJ/h input and up to 150 MJ/h input	1000	1000
	• *Appliances* over 150 MJ/h input	1500	1500

† Unless *appliance* is *certified* for closer installation

NOTES:

1 All distances are measured to the nearest part of the terminal.

2 Prohibited area below electricity meter or fuse box extends to ground level.

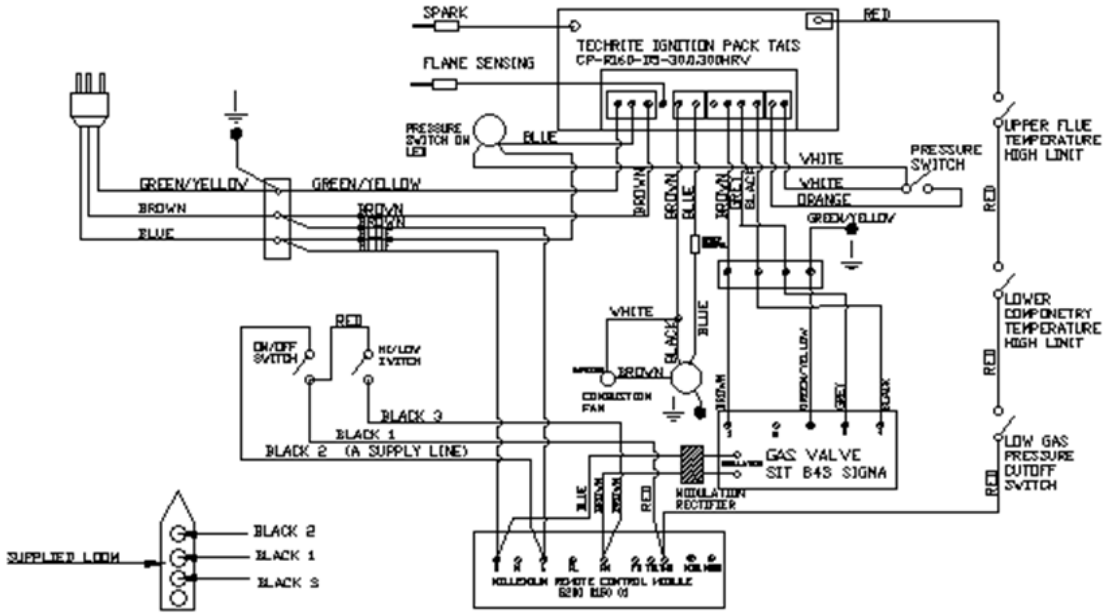
3 See Clause 5.13.6.6 for restrictions on a *flue terminal* under a covered area.

4 See Appendix J, Figures J2(a) and J3(a), for clearances required from a *flue terminal* to an *LP Gas cylinder*. A *flue terminal* is considered to be a source of ignition.

5 For *appliances* not addressed above acceptance should be obtained from the *technical regulator*

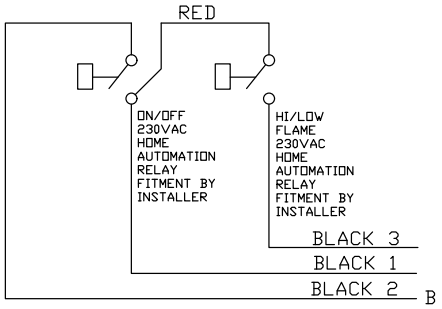
APPENDIX 2- WIRING DIAGRAMS

Techrite Ignition Pack

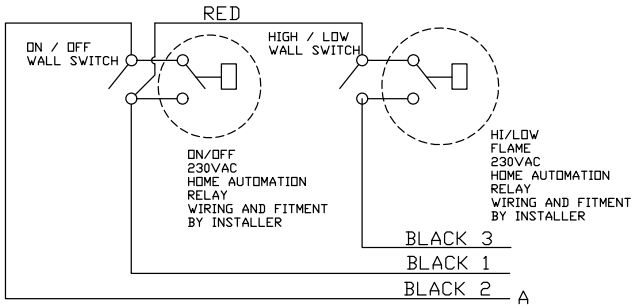


CBUS Wiring

OPTION 1
HOME AUTOMATION CONTROL ONLY
(DIRECT REPLACEMENT OF WALL SWITCHES TO RELAYS BY INSTALLER)



OPTION 2
WALL SWITCH AND HOME AUTOMATION CONTROL



APPENDIX 3- SETTING FLUE FAN SPEED

The powerflue fan has an adjustable speed control.
The speed should be set to match the appliance and the flue length.

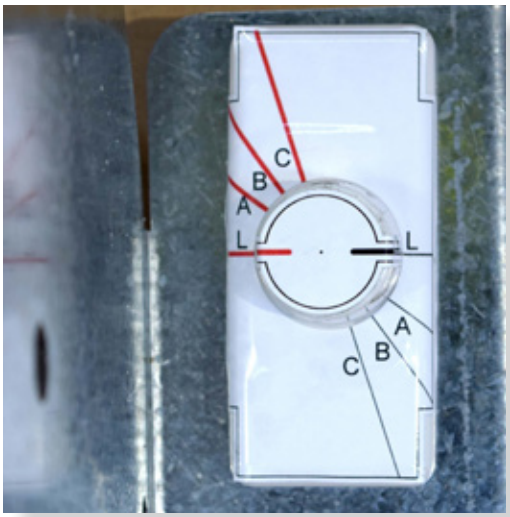
The speed control is located inside the powerflue module (remove access cover to set speed, refit cover when done)

In the event of an incorrect speed the appliance will still continue to operate safely and or shutdown safely.

Should the speed be set to low – the appliance may shutdown due to the over temperature switch or due to the air pressure switch.

Should the speed be set to high the appliance will operate but may have a fast flame pattern.

Speed table is as follows
(Low speed is the lowest possible set point)



NUVO RANGE POWERFLUE FAN SPEED	
0-50m Ø150/Ø150 FLUE	
FAN SPEED	FLUE LENGTH
B	0 - 15 mts
B	15 - 25 mts
C	25 - 35 mts
C+	35 - 50 mts

NUVO RANGE POWERFLUE FAN SPEED	
0-9m Ø100/Ø125 FLUE	
FAN SPEED	FLUE LENGTH
B	0 - 5 mts
C	5 - 9 mts

NOTE - Fan speeds are based on a supply voltage of 240 volts. In the event of lower voltage fan speeds may need to increase.

WARRANTY INFORMATION

The benefits provided to you under the following warranty are in addition to any other rights and remedies available to you under the law.

This warranty is provided in Australia by Glen Dimplex Australia Pty Ltd and in New Zealand by Glen Dimplex New Zealand Ltd (together referred as "Glen Dimplex") This warranty is provided to the first domestic purchaser of a Real Flame gas appliance.

1. Warranty

If:

(a) during the first 15 years from the date of purchase (Firebox Warranty Period), there is a defect in the firebox of the Gas Burner; or

(b) during the first 2 years from the date of purchase (Parts Warranty Period), there is a defect in the gas valves or other parts of the Gas Burner, due to improper workmanship or material, Glen Dimplex will replace or repair the Gas Burner without charge. Any replacement product is warranted only for the time remaining on the original Firebox Warranty Period or the Parts Warranty Period as relevant.

2 . Registration

You must register to receive the benefit of this warranty by completing the warranty registration on our website (www.realflame.com.au / www.realflame.co.nz) or completing and mailing the attached registration card within 30 days of purchase of your Gas Burner (or, if the Gas Burner is fitted to a new home, within 30 days of the date of settlement of purchase of such new home).

3 . Exclusions

Glen Dimplex is not obliged to replace or repair the Gas Burner under clause 1 if:

(a) it has been improperly stored, installed, connected, used, operated or repaired, or damaged, abused, tampered with, altered (without our written approval), or not maintained in strict accordance with our installation and operating instructions; or

(b) it has been installed in an outdoor setting.

4 . Limit of Liability

The warranty provided under this warranty is limited to replacement or repair of the Gas Burner only, at our option. To the extent permitted by law, Glen Dimplex excludes liability for consequential loss or any other loss or damage caused to property or persons arising from any cause whatsoever, and damage arising from normal wear and tear.

5 . Claiming under the Warranty

In order to claim under this warranty you must, within the Firebox Warranty Period or the Parts Warranty Period (as relevant), contact Glen Dimplex, providing the original proof of purchase and the details below:

Supplier Name_____

Date Of Purchase / settlement of property if new home _____

Model / Serial Number_____

This warranty does not cover the cost of claiming under the warranty or transporting the Glen Dimplex Gas Burner to and from the supplier.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law and Consumer Guarantees Act 1993(New Zealand). You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

If you would like to speak to someone about your Gas Burner or claiming under this warranty, please contact the Service Warranty Desk on 1300 554 155 for Australia or 0800 666 2824 for New Zealand.

Glen Dimplex Australia Pty Ltd
ACN 69 118 275 460
Head Office: 8 Lakeview Drive, Scoresby 3179
Telephone: (03) 8706 2000 Facsimile: (03) 8706 2001

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Auckland, New Zealand, 2013
P.O. Box 58473,
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REAL FLAME

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