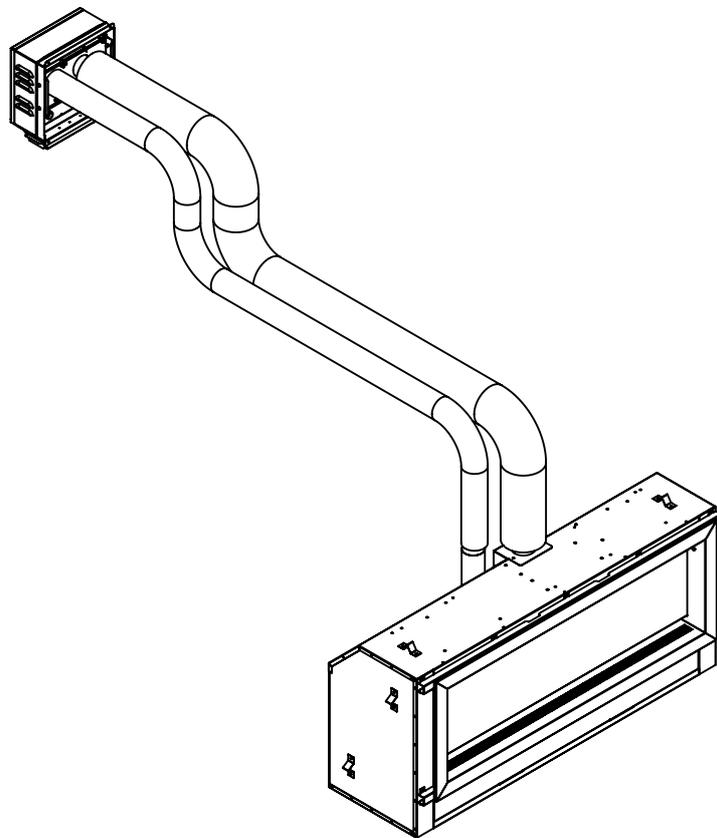




SCAN FOR THE
MAIN MANUAL

ELEMENT 1200 & 1800 SPACE HEATER 0-5M ROOFTOP WITH EXTERNAL MOTOR & 5-10M INSULATED FLUE CONFIGURATIONS

SUPPLEMENT TO THE MAIN ELEMENT MANUAL



The Real Flame Element space heater is suitable to be installed into a frame out installation. Designed to operate on Natural gas, LPG and ULPG

Approval no. GMK 10441

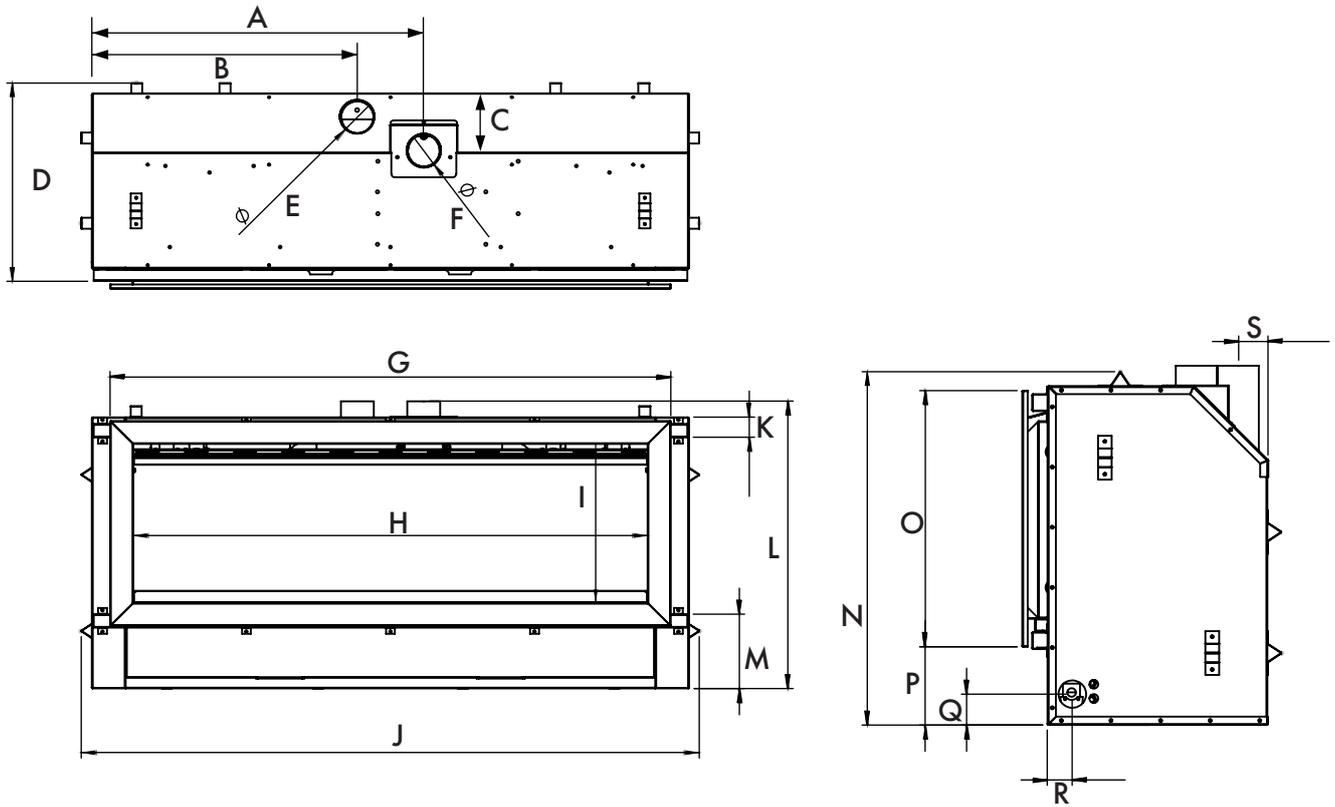
Consumer safety information: These are supplementary instructions for the main Element IOM, please read the main manual before installing and operating this appliance. Failure to follow the instructions may result in a possible fire hazard and/or injury and will void the warranty.

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Note- Refer to the Main Manual for Warnings, Specifications, Operations, Media, Conversion, Parts List and Warranty information. This is only a supplementary manual for rooftop with external motor and extended insulated flue configuration for Element 1200 and 1800 only.

UNIT DIMENSIONS

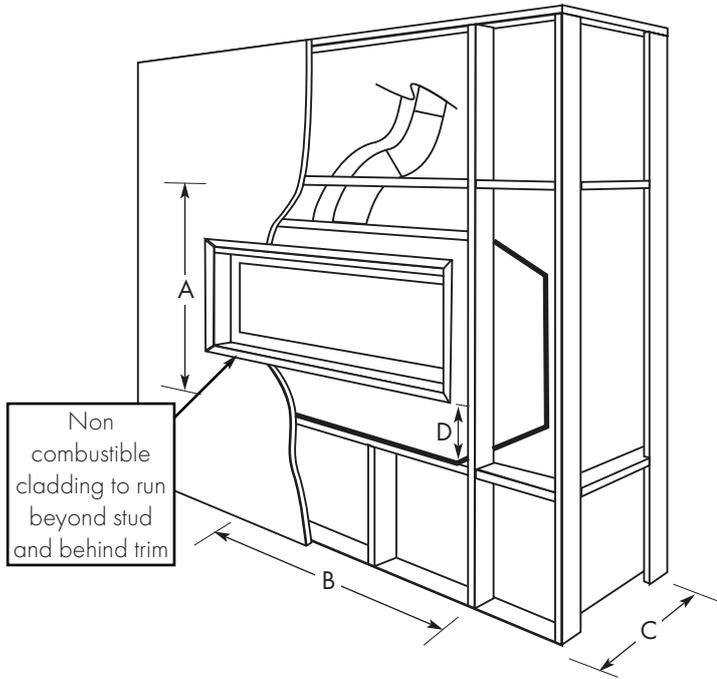


UNIT	A	B	C	D	E	F	G	H	I	J	K	L	M	N
E1200	752	601	131	452	74.5	74.5	1270	1166	364	1400	46	656	170	657
E1800	1052	901	131	452	74.5	74.5	1670	1766	364	2000	46	656	170	657

UNIT	O	P	Q	R	S
E1200	468	143	56	45	53
E1800	468	143	56	45	53

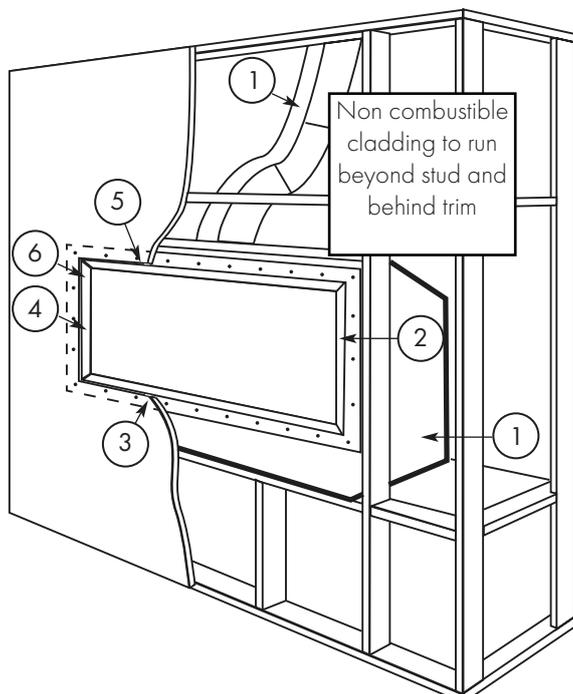
MINIMUM FRAMEOUT DIMENSIONS

50MM TRIM



UNIT	A	B	C	D
E1200	660	1420	460	143
E1800	660	2020	460	143

18MM TRIM



1. Install Element onto base and connect flue, gas and power.
2. Fit 18mm trim assembly.
3. Attach 4 sided flange kit to frame.
4. Remove 18mm assembly.
5. Clad wall to flange kit and finish.
6. Refit 18mm trim assembly.

NOTE :

If the wall is being plastered we recommend fixing stopping bead up to the flange to give a clean shadow line. The depth of the flange profile is 22mm to allow for tiling or rendering. If plaster is used we recommend packing out to 22mm.

INSTALLING ELECTRONIC EQUIPMENT ABOVE YOUR FIREPLACE

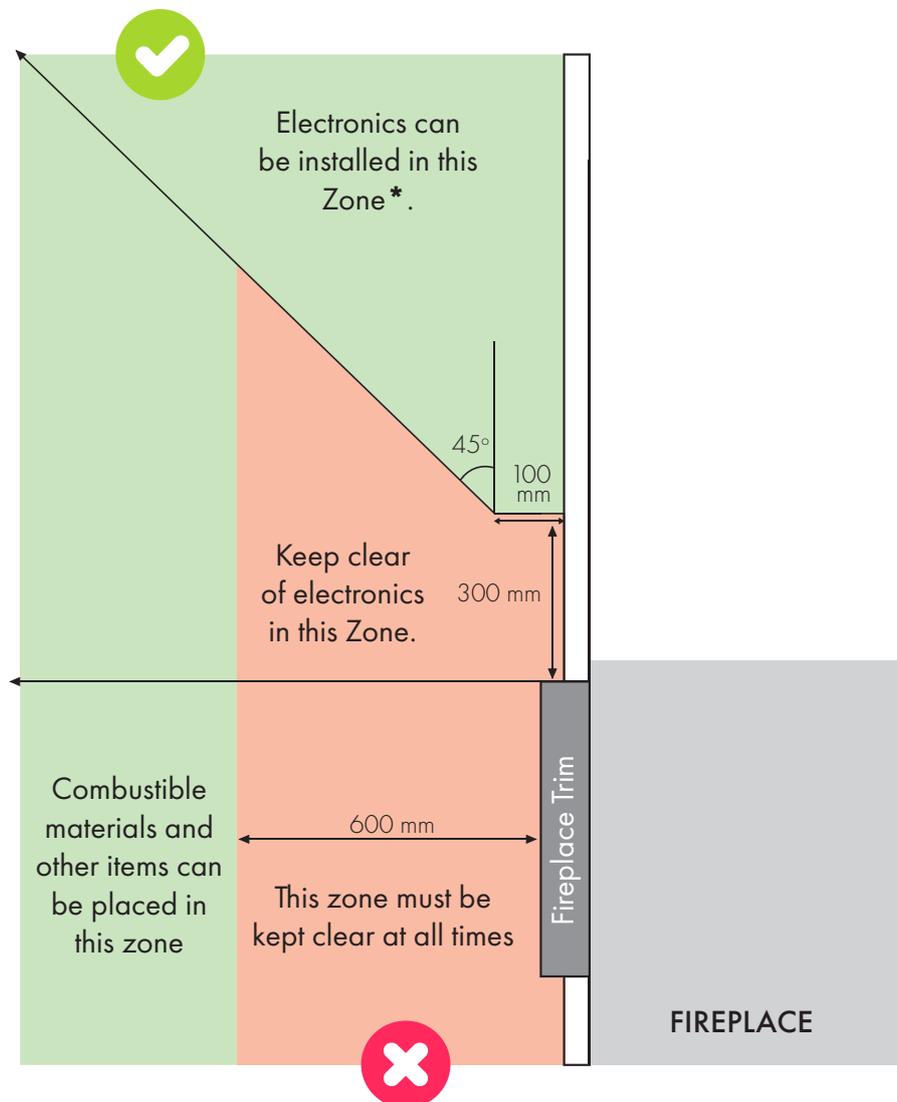
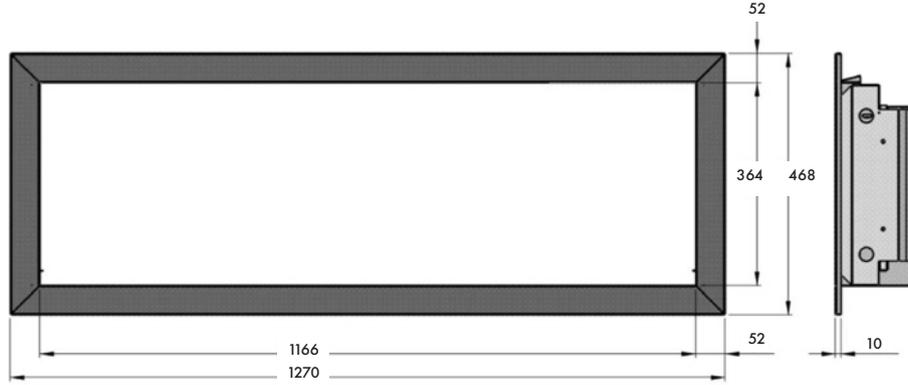


Fig. Side View of the Wall and Fireplace

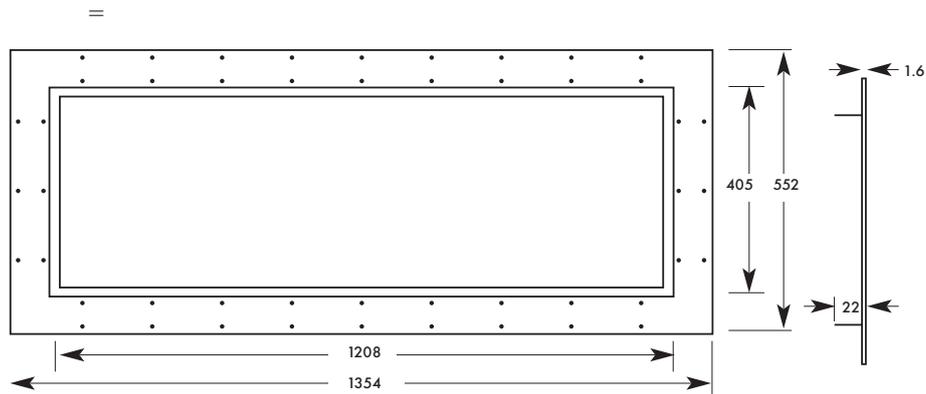
*A common installation configuration includes the mounting of a TV, soundbar, speakers, or other electrical/electronic equipment above a gas fireplace. If installing any equipment above a Real Flame gas fireplace, a minimum clearance of 300mm from the top edge of the fascia is recommended. Installation 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.

1200 TRIM DIMENSIONS

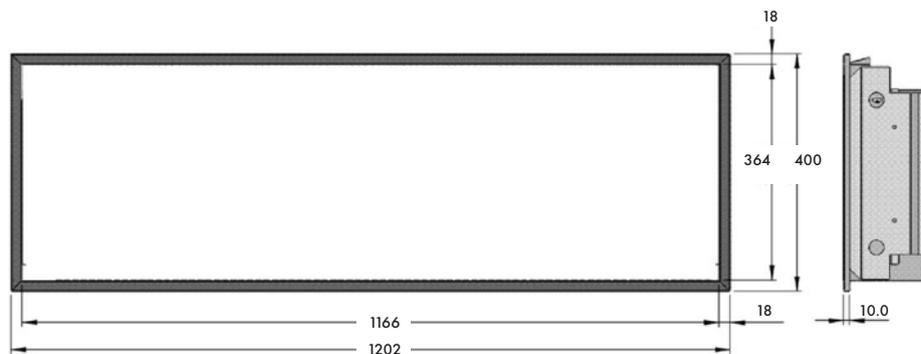
50MM TRIM



18MM TRIM FLANGE KIT

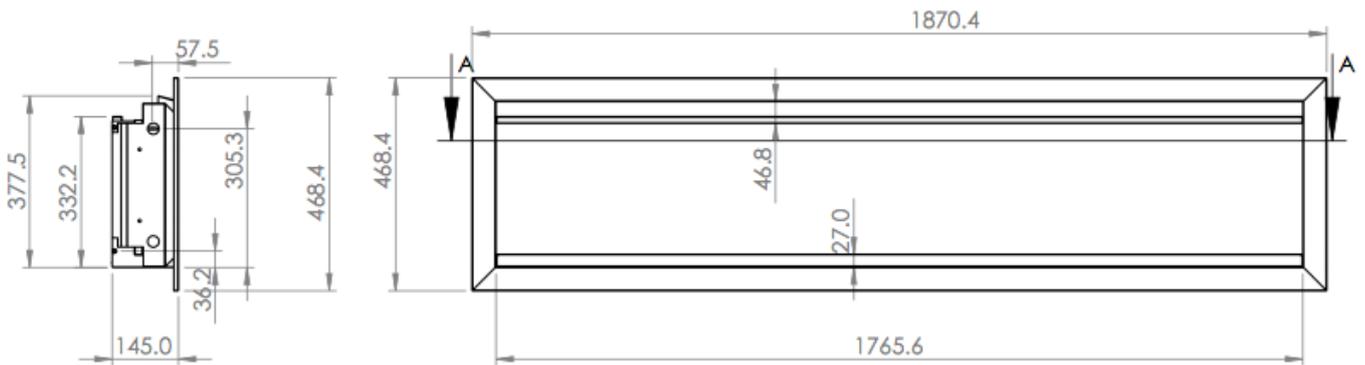


18MM LOW PROFILE TRIM

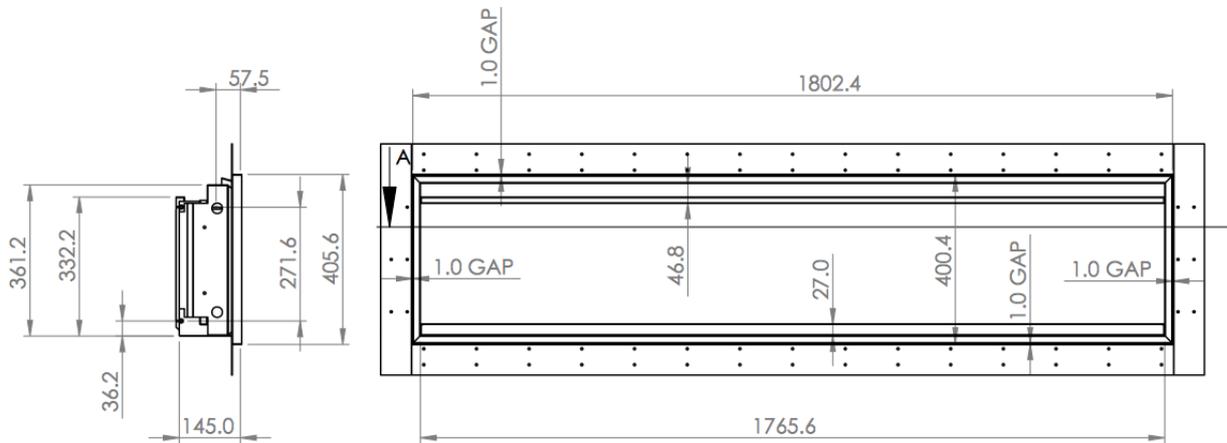


1800 TRIM DIMENSIONS

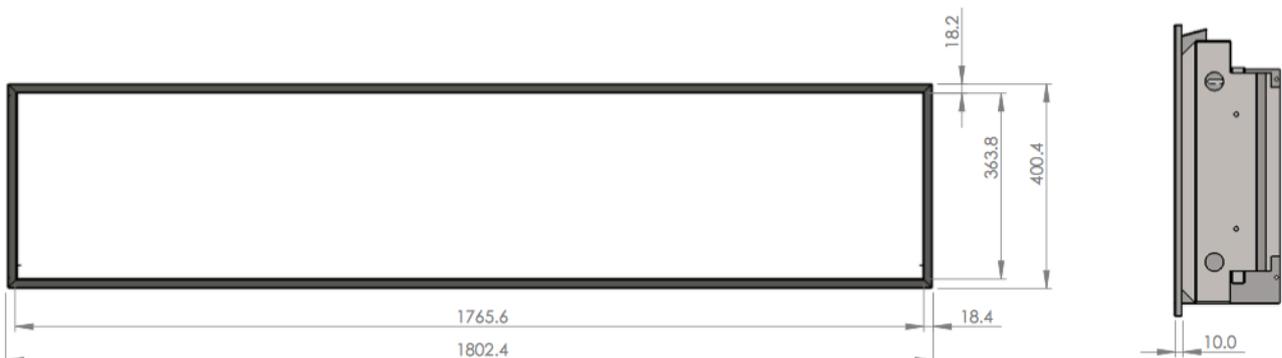
50MM TRIM



18MM TRIM FLANGE KIT



18MM LOW PROFILE TRIM



INSTALLATION INSTRUCTIONS

LOCATION

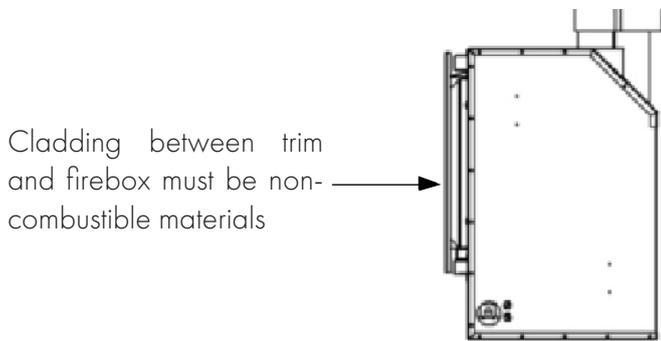
Select a location where the fire can be supervised during operation. An electrical isolation switch must be fitted at the appliance or on an adjacent wall to allow for emergency shutdown and maintenance. Installation must meet Australian gas codes AS5601.1-2013

INSTALLATION CLEARANCES

Clearances from combustible materials

Floor	0mm
Sides	25mm
Top	25mm
Flue outer	25mm
Front	25mm
Back	25mm

Note: Once installed no combustible items should be placed within 600mm of the fire viewing window.



GAS CONNECTION 15mm (1/2") Compression union
 ELECTRICAL CONNECTION 3 Pin 10 Amp GPO plug
 POWER RATING OF APPLIANCE 230V 50Hz 0.55 Amp

INSTALLATION CODES

Note appliance gas type – Natural gas/LPG/ULPG. 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 CONFIGURATIONS

0-5m- Aluminum flexi flue as per 0-5m IOM.

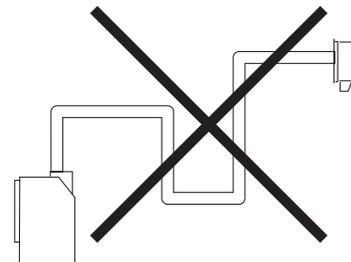
5-10m- Aluminum flexi flue insulated. Refer to 5-10m insulated flue run IOM.

10-13.5m- Poly flue system. Refer to 10-13.5m flue configuration.

FLUE SPECIFICATIONS

75mm internal diameter twin walled aluminum flexible flue, supplied in 10m lengths. Flue external diameter approx. 83mm.

Note - U style flue runs must not be installed:



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.

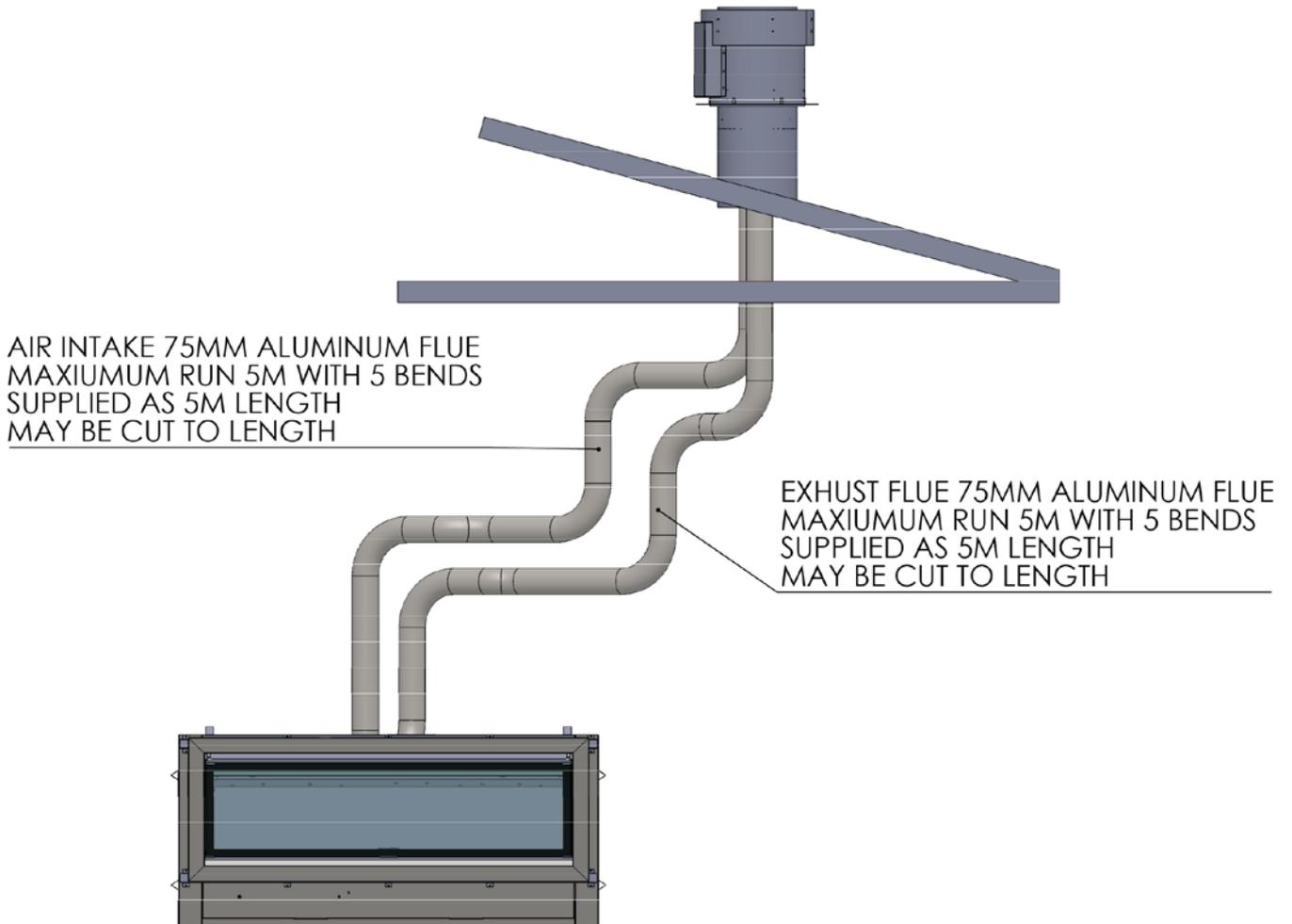
Flue terminations shall not be recessed in walls or sidings.

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.
- This unit must always vent directly to outdoors.

0-5M ROOFTOP WITH EXTERNAL MOTOR

Flue runs 0m to 5m length rooftop termination with external motor



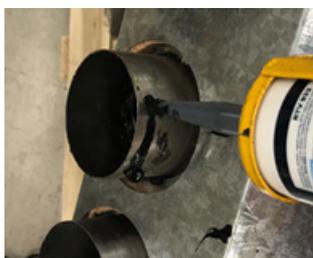
Setup with external rooftop termination
Maximum 5m flue length

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 5mts.** Flues can be run next to each other. Maintain the required clearances to combustibles.



On the heater connection end - Fit clamp loosely & apply silicon inside the pipes. Apply an 8mm silicon bead fully around the inside of the flue and on the heater spigot. Smear the silicon around the spigot and pipe.



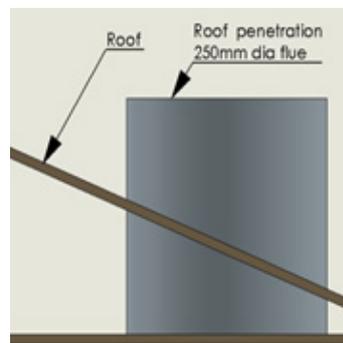
Recommended Silicon – Non-acetic, neutral cure 150°C or higher temperature rated. Bostik RTV 926 or similar.



Slide flue onto connection spigot fully. Tighten clamp fully. Wipe excess silicon, visually check connection to ensure connection is fully sealed.

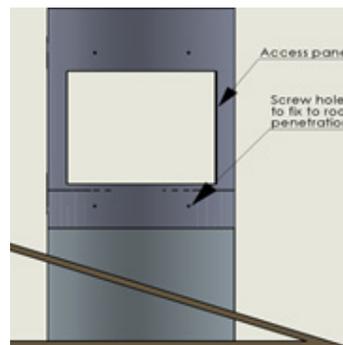
Repeat above with air intake flue pipe to heater connection.

Clip flues as required to provide adequate support.



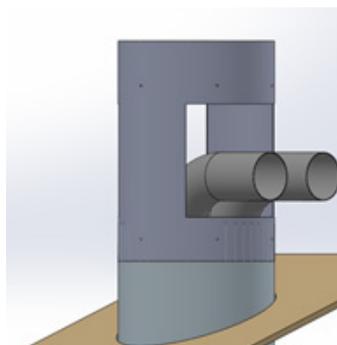
Insert the roof penetration and fix firmly to the roof structure using appropriate supports.

The roof penetration flue is a 250mm rigid flue.

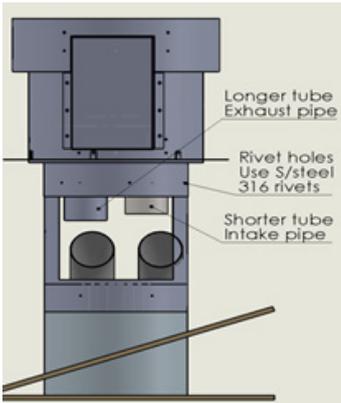


Fit the access panel to the roof penetration.

Use the screw holes fix the access panel to the roof penetration.



Run flue pipes through the access cut outs before fitting the termination on for ease of installation. (The picture is a reference only. Take care not to flex/bend the pipe too sharply and risk slitting the pipe)



Fit the termination on to the access panel and match the rivet holes to rivet the termination to the access panel.

Use only the rivets provided.



Connect the fan power cable from the appliance to the termination.

Ensure the cable is clamped only to the intake pipe to secure the cable from hanging loose & touching the hot flue gases pipe.

Use the clamp provided. The clamp can be opened like a collar and fitted around on the flue.



On the termination end - Fit clamp loosely & apply silicon inside the pipes. Apply an 8mm silicon bead fully around the inside of the flue and on the flue spigot. Smear smoothly around the surfaces.

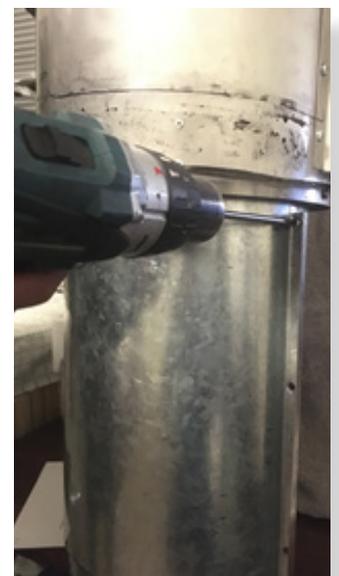
Recommended Silicon – Non-acetic, neutral cure 200°C or higher temperature rated. Bostik RTV 922 or similar.



Slide flue onto connection spigot fully. Tighten clamp fully. Wipe excess silicon, visually check connection to ensure connection is fully sealed.

Ensure that the pipes are connected correctly and are not inverted.

Use the labels to identify exhaust and intake spigots



Flex collar and fit around the access panel. Socket the collar all the way up close to the air intake slots Ensure there is a rubber seal top and bottom of the collar.

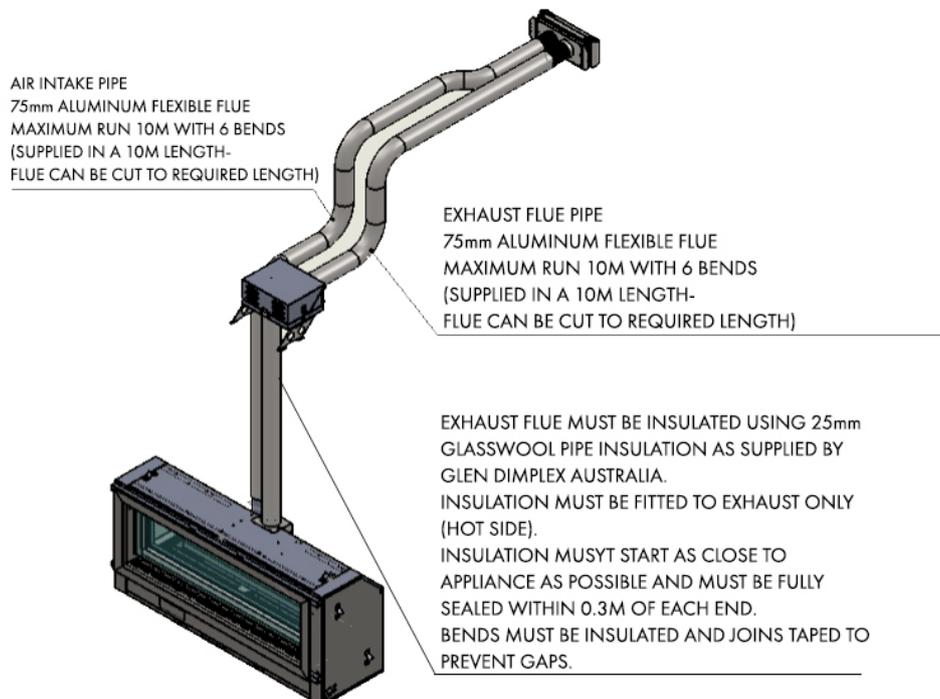
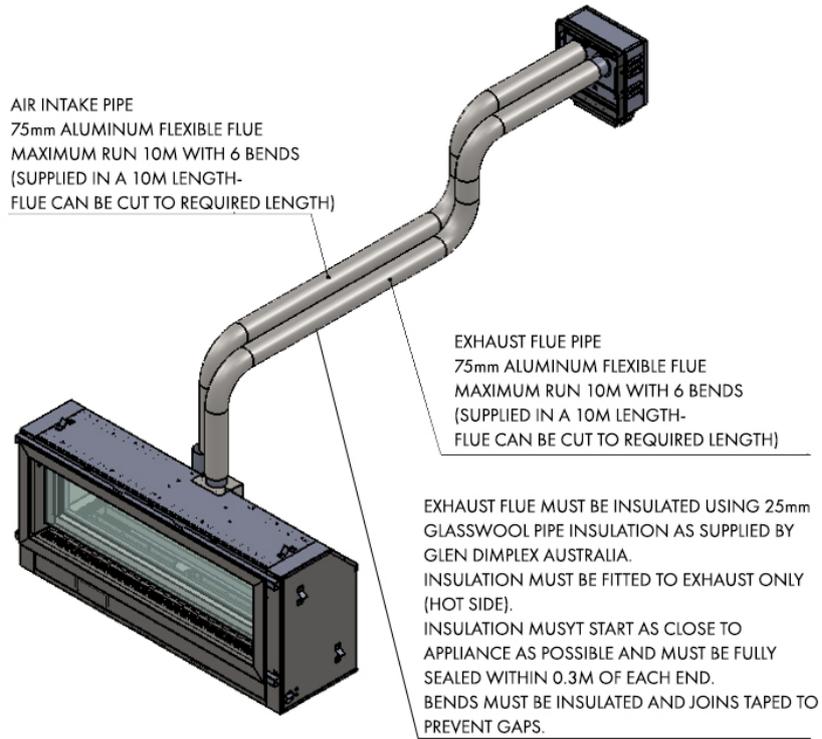
Use only the screws provided to tightly fit the collar to seal the access panel.

5-10M INSULATED FLUE CONFIGURATIONS

Flue runs 5m to 10m length (excluding 5-10m rooftop termination)

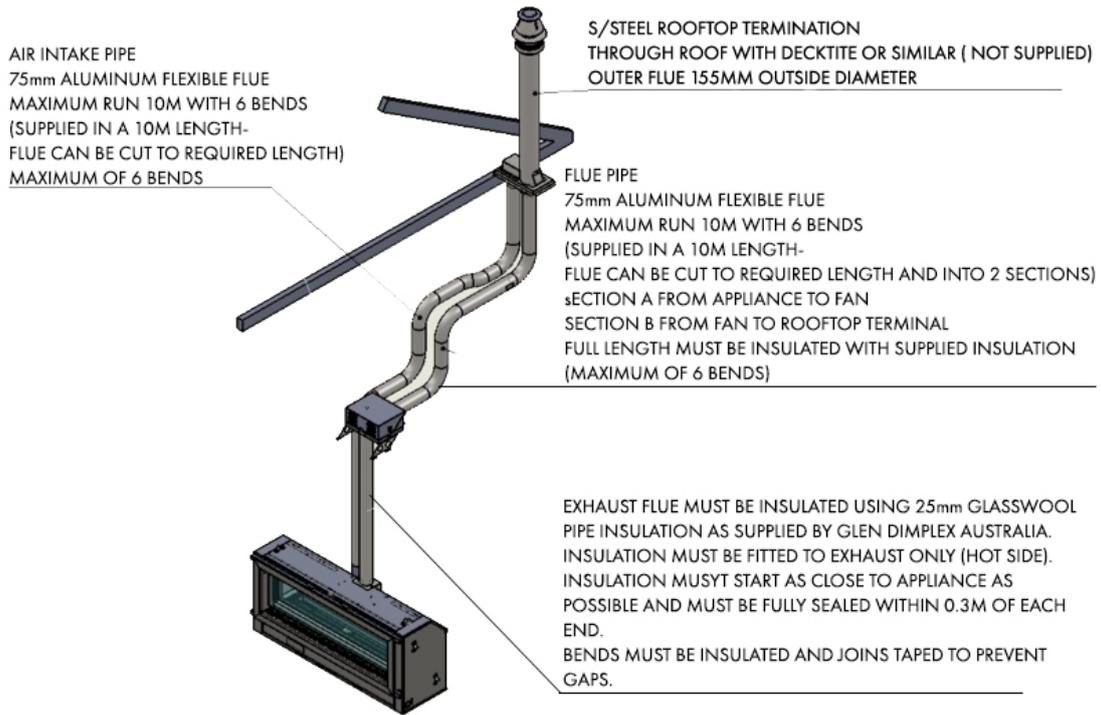
External wall mount outlet with integrated flue fan (5-10m Flue run model)

External wall mount terminal (Flue fan installed above appliance internally) (5-10m Flue run model)

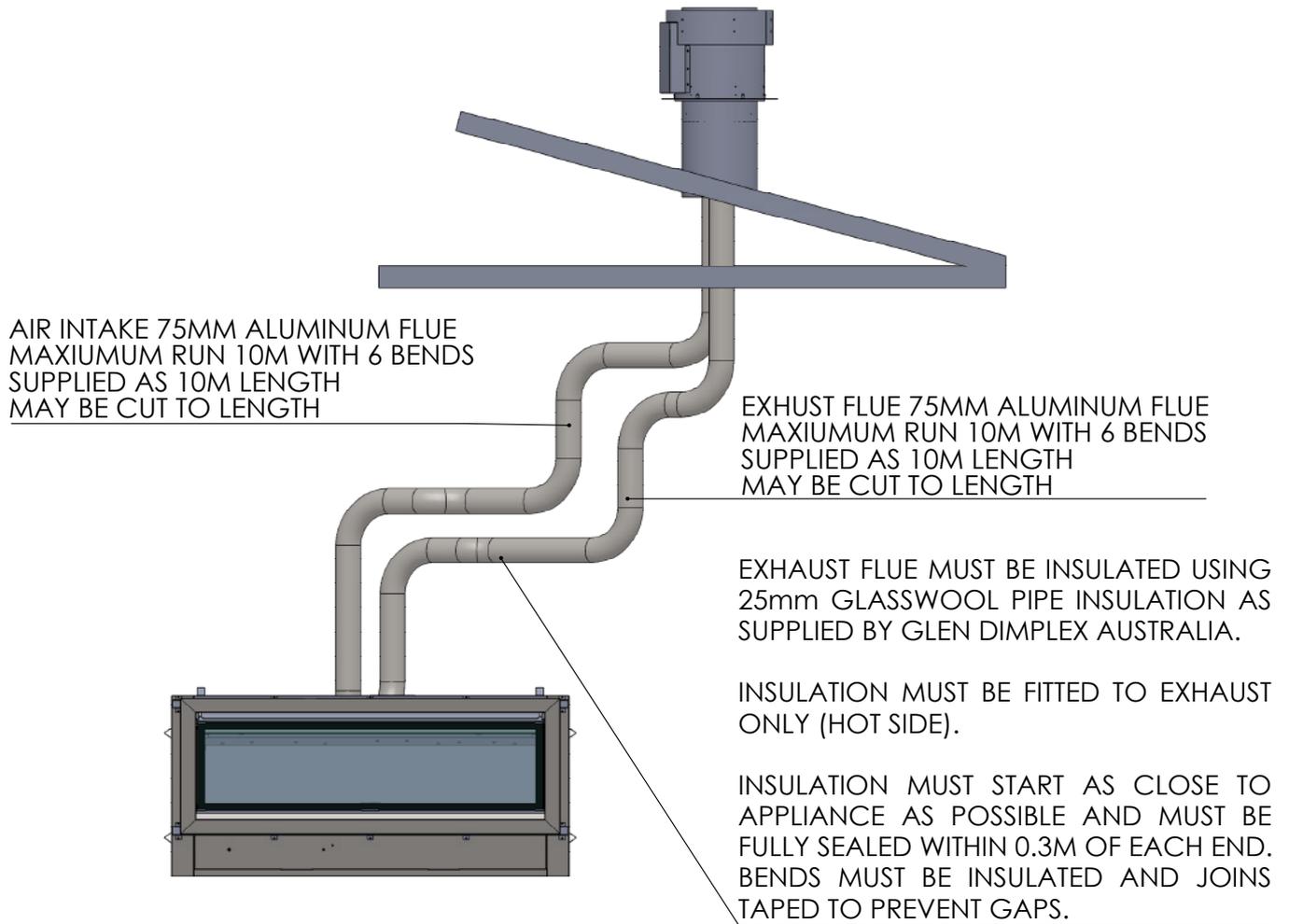


Flue runs 5m to 10m length rooftop termination only

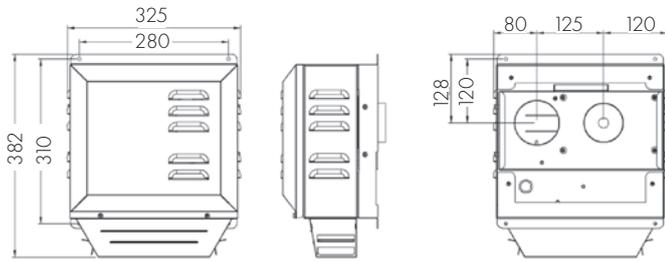
Vertical roof termination (S/Steel rooftop termination)



Flue runs 5m to 10m length rooftop termination with external motor



EXTERNAL WALL MOUNTED FAN MODULE INSTALLATION



1. Wall mounted fan module – terminal must be installed with clearances as specified by AS5601.1 Clause 6.9.3.
2. Run exhaust flue and air intake flue as required Maximum run 10m. Flues can be run next to each other. Maintain clearances to combustibles.
3. Insulation Instructions-

Exhaust flue must be insulated using 25mm glass wool pipe insulation as supplied by Glen Dimplex Australia. Insulation must be fitted to exhaust (hot side only). Insulation must start as close to appliance as possible (within 300mm). Insulation must finish as close to discharge as possible (within 300mm). Insulation must run around bends. Insulation to be taped to ensure no gaps. Insulation may be fitted while running flue or at final stage of installation. (shown at flue stage in Instructions)

4. Connection to appliance



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).



Cut tube to length where required.

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



Slide flue onto connection spigot fully.

Tighten clamp fully.

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

5. Repeat above with air intake flue pipe to heater connection.
6. Clip flues as required to provide adequate support.
6. Connection to wall mounted fan terminal.



Remove cover from fan terminal

Remove main assembly from the rear wall mounting plate assembly.



Remove the 5 screws as shown. (Do not remove fan plate screws)

Lift off main fan terminal assembly.



Remove wall mount plate from flue connection plate.



Cut flue exhaust tube (hot tube) to length (Approximately flush with wall exit). Connection plate will sit against wall.

Cut Air intake flue.

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

Pull flue through approx. 100mm (will be pushed back once terminal is fitted).



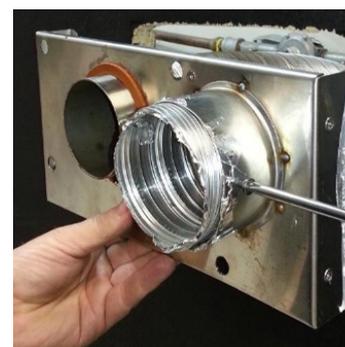
Apply an 8mm silicon bead fully around the inside of the flue end (heater connection end)

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.



Feed air intake flue pipe through location spigot and fit retaining screw.

Push connection plate into approximate position.



Fit flue exhaust insulation

Insulated with 25mm foil faces glasswool pipe insulation within 0.3m of each end of flue, as supplied by Glen Dimplex Australia.

Insulation must start as close to the gas space heater as possible
(Only exhaust flue is to be insulated)



Insulation to be fully closed and sealed along length.



Bends were practical should be insulated, by cutting the insulation into segments and taping together.



Joins can be taped together using aluminum foil self adhesive tape.



Locate wall mounting bracket into position and affix to wall.



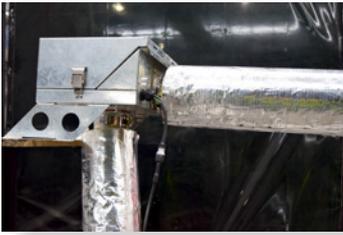
Assemble spigot connection plate assembly to wall mounting bracket. (4 screws)



Feed power cable through bottom area of bracket.



Assemble main body assembly onto wall mounting bracket, feed power cable through grommet hole prior to fitting. (refit 5 screws as shown and tighten) Main body assembly must sit flush up against the mounting bracket and seal.



Insulation must be fitted prior and after the inline powerflue fan.

Failure to fit insulation on the exhaust flue may result in condensation failures with the appliance.



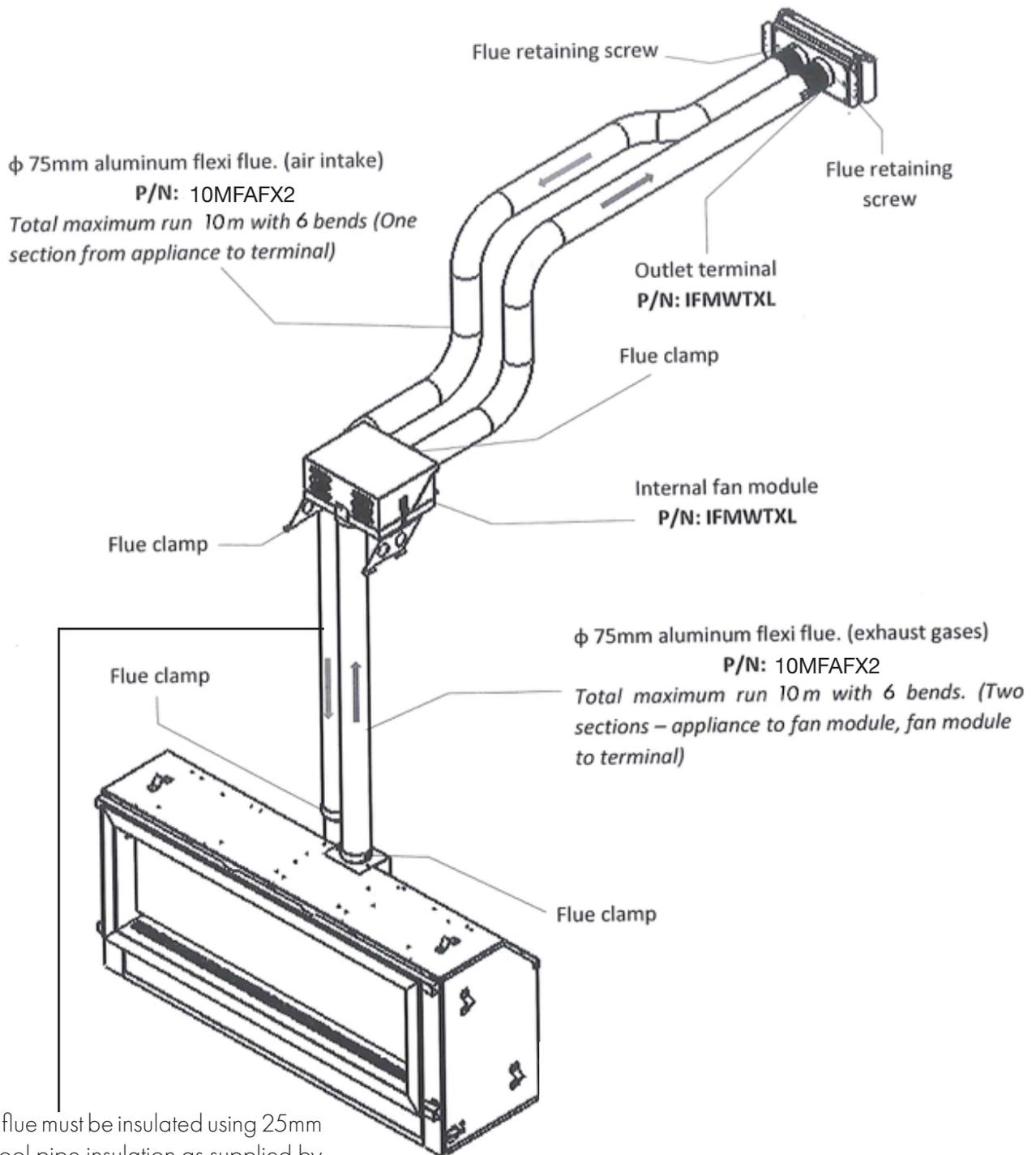
Connect power cable connector.

Fit cable clamp to cable.



Fit front cover.

5 M-10M FLUE INTERNAL FAN AND WALL TERMINATION INSTALLATION



Exhaust flue must be insulated using 25mm glass wool pipe insulation as supplied by Glen Dimplex Australia.

Insulation must be fitted to exhaust (hot side only).

Insulation must start as close to appliance as possible (within 300mm).

Setup with internal fan module with wall termination – appliance mounted

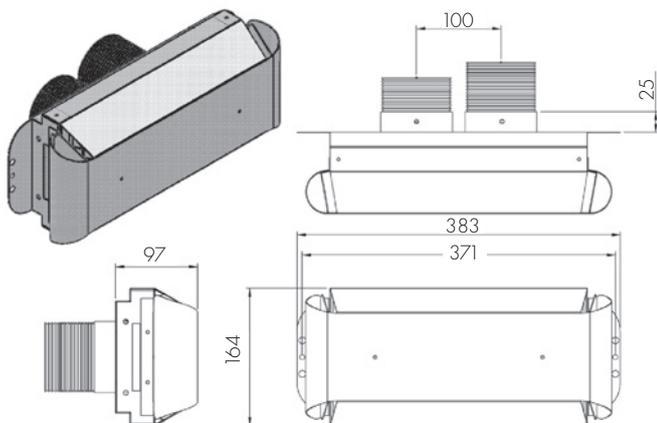
Maximum 10m flue length

Wall termination

1. Wall terminal must be installed with clearances as specified by AS5601.1-2013 Clause 6.9.3
2. Run exhaust flue and air intake flue as required – Maximum run 10m per flue. Flues can be run next to each other. Maintain clearances to combustibles.
3. Insulation Instructions-

Exhaust flue must be insulated using 25mm glass wool pipe insulation as supplied by Glen Dimplex Australia. Insulation must be fitted to exhaust (hot side only). Insulation must start as close to appliance as possible (within 300mm). Insulation must finish as close to discharge as possible (within 300mm). Insulation must run around bends. Insulation to be taped to ensure no gaps. Insulation may be fitted while running flue or at final stage of installation. (shown at flue stage in Instructions)

4. Connection to appliance



Check 75mm flue piece for correct shape and fitment onto appliance spigot.

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



Recommended Silicon – Non-acetic, neutral cure 150degc 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 thick silicon bead fully around the lower fan connection spigot approx. 10mm from the end.



Apply an 8mm silicon bead fully around the inside of the flue end, both ends.



Turn fan assembly upside down and slide 65mm flue section fully onto spigot.

Fit flue clamp and tighten clamp fully.

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



Fit 2nd flue clamp loosely onto the 65mm section of flue.

Lift fan assembly into appliance and locate onto flue connection. Insert fully. Locate fan in the required direction. Screw fan assembly down onto the appliance. (Screws prefitted into holes are located on the appliance for direct out back connection and 90° to right connection.)

(Note 90° left connection is not available and must be done using the 90° right connection fan location and placing a bend in the flue to head in the LH direction.)

Locate 2nd clamp onto lower connection and tighten clamp fully.

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



Fit hot exhaust flue pipe from outlet termination to fan outlet connection.

Cut tube to length where required.

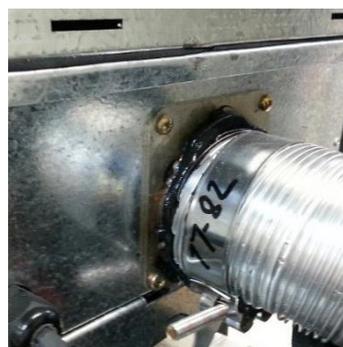
Ensure ends are burr free and round, test fit flue will slide over connection.



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.



Connect power lead to fan module. Ensure lead is clipped to support where required.

Do not use connection to support lead.



Fit air intake flue pipe to heater connection.

Cut tube to length where required.

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



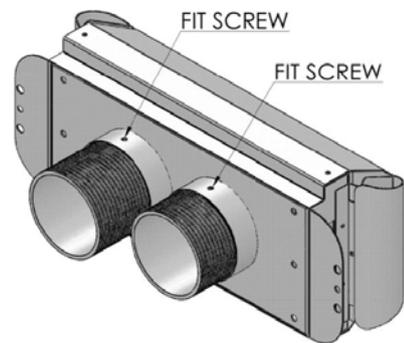
Clip flues as required to provide adequate support.

7. Connection to wall terminal

Loose fit connections (wall termination connections)



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)

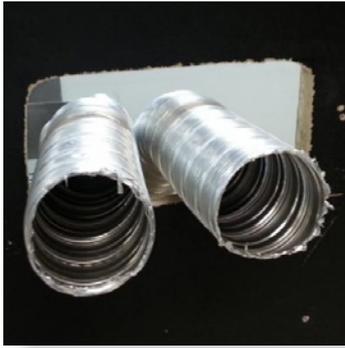
Fit flue clamp over flue (loosely).



Slide flue onto connection spigot fully.

Tighten clamp fully.

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

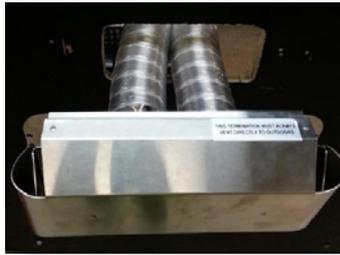


Locate terminal on wall and predrill mounting holes where required.

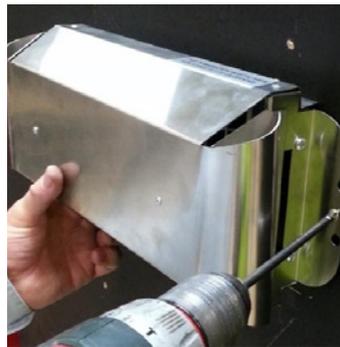
Cut flue exhaust tube (hot tube) to length (Flue must extend a minimum of 50mm past the exit face of wall.) It is recommended that the tubes are cut slightly longer and pushed back into wall upon fixing of wall terminal. Allow flue movement between terminal and last flue hanging clip.

Cut Air intake as per flue exhaust.

Ensure ends are burr free and round, test fit flue will slide inside both the hot exhaust connection and air intake connection.



Push terminal into approximate position and affix onto wall.



Feed hot exhaust flue into connection, ensure inserted 50mm. Fit retaining screw from below.



Feed air intake flue into connection, ensure inserted 50mm. Fit retaining screw from below.



Fit flue exhaust insulation

Insulated with 25mm foil faces glasswool pipe insulation within 0.3m of each end of flue, as supplied by Glen Dimplex Australia.

Insulation must start as close to the gas space heater as possible
(Only exhaust flue is to be insulated)



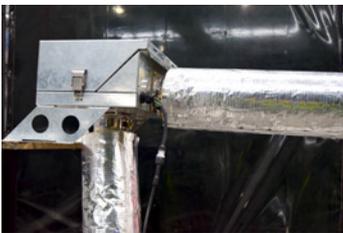
Insulation to be fully closed and sealed along length.



Bends were practical should be insulated, by cutting the insulation into segments and taping together.



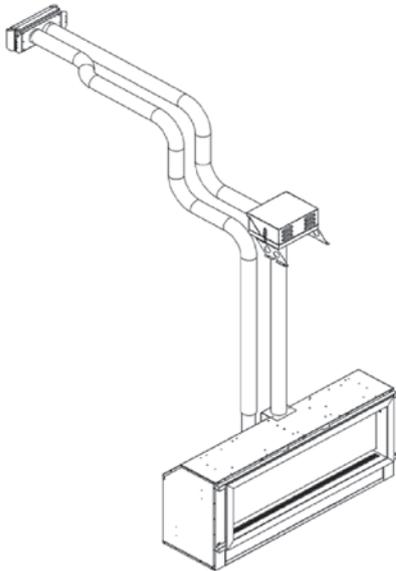
Joins can be taped together using aluminum foil self adhesive tape.



Insulation must be fitted prior and after the inline powerflue fan.

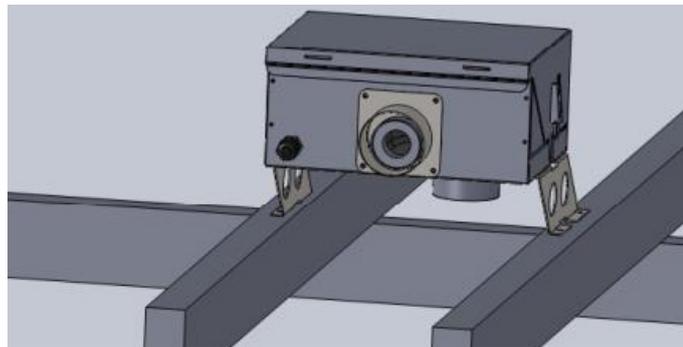
Failure to fit insulation on the exhaust flue may result in condensation failures with the appliance.

Setup with internal fan module with wall termination – mid flue mounted
Maximum 10m flue length



Wall termination

1. Wall terminal must be installed with clearances as specified by AS5601.1-2013 Clause 6.9.3
2. Run exhaust flue and air intake flue as required – Maximum total run 10m per flue. Flues can be run next to each other. Maintain clearances to combustibles.
3. Mount fan controller in the required location. (Access to the fan module is required for servicing, if the fan module is located inside a boxed frame, allow a 450 x 450 access panel).
4. Connection to fan module to appliance run flue from appliance to bottom entry on fan module. Support flue with brackets as required.



5. Insulation Instructions-

Exhaust flue must be insulated using 25mm glass wool pipe insulation as supplied by Glen Dimplex Australia. Insulation must be fitted to exhaust (hot side only). Insulation must start as close to appliance as possible (within 300mm). Insulation must finish as close to discharge as possible (within 300mm). Insulation must run around bends. Insulation to be taped to ensure no gaps. Insulation may be fitted while running flue or at final stage of installation. (shown at flue stage in Instructions)



Cut tube to length where required.

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



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



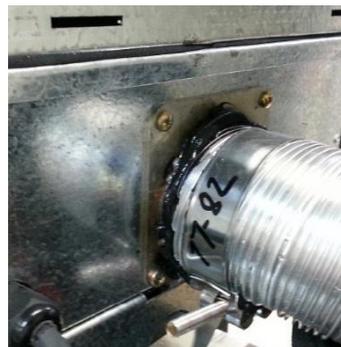
Apply an 8mm thick silicon bead fully around heater connection approx. 10mm from the top.

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

Fit flue clamp over flue (loosely).



Repeat for connection to underside of fan module.



Slide flue onto connection spigot fully.

Tighten clamp fully.

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



Repeat for air intake flue connection.



Fan module outlet connection

Cut tube to length where required. Ensure ends are burr free and round, test fit flue will slide over connection.

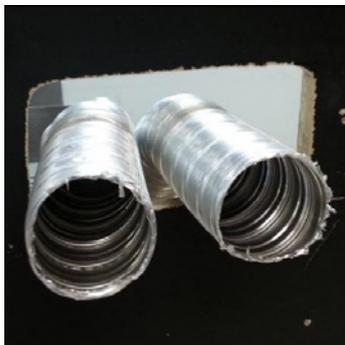
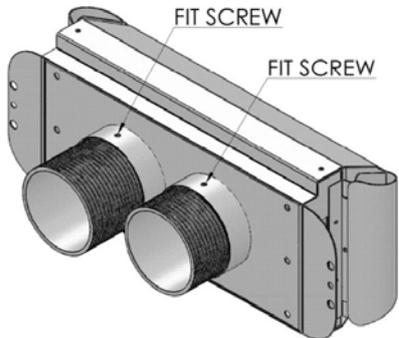


6. Connect power lead to fan module. Ensure lead is clipped to support where required.

Do not use connection to support lead.

Connection to wall terminal

Loose fit connections (wall termination connections)



Locate terminal on wall and predrill mounting holes where required.

Cut flue exhaust tube (hot tube) to length (Flue must extend a minimum of 50mm past the exit face of wall.) It is recommended that the tubes are cut slightly longer and pushed back into wall upon fixing of wall terminal. Allow flue movement between terminal and last flue hanging clip.

Cut Air intake as per flue exhaust.

Ensure ends are burr free and round, test fit flue will slide inside both the hot exhaust connection and air intake connection.



Feed hot exhaust flue into connection, ensure inserted 50mm. Fit retaining screw from below.



Feed air intake flue into connection, ensure inserted 50mm. Fit retaining screw from below.



Fit flue exhaust insulation

Insulated with 25mm foil faces glasswool pipe insulation within 0.3m of each end of flue, as supplied by Glen Dimplex Australia.

Insulation must start as close to the gas space heater as possible
(Only exhaust flue is to be insulated)



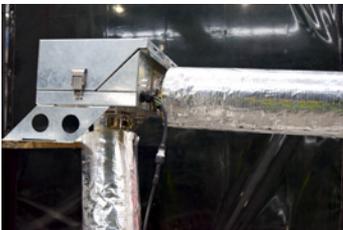
Insulation to be fully closed and sealed along length.



Bends were practical should be insulated, by cutting the insulation into segments and taping together.



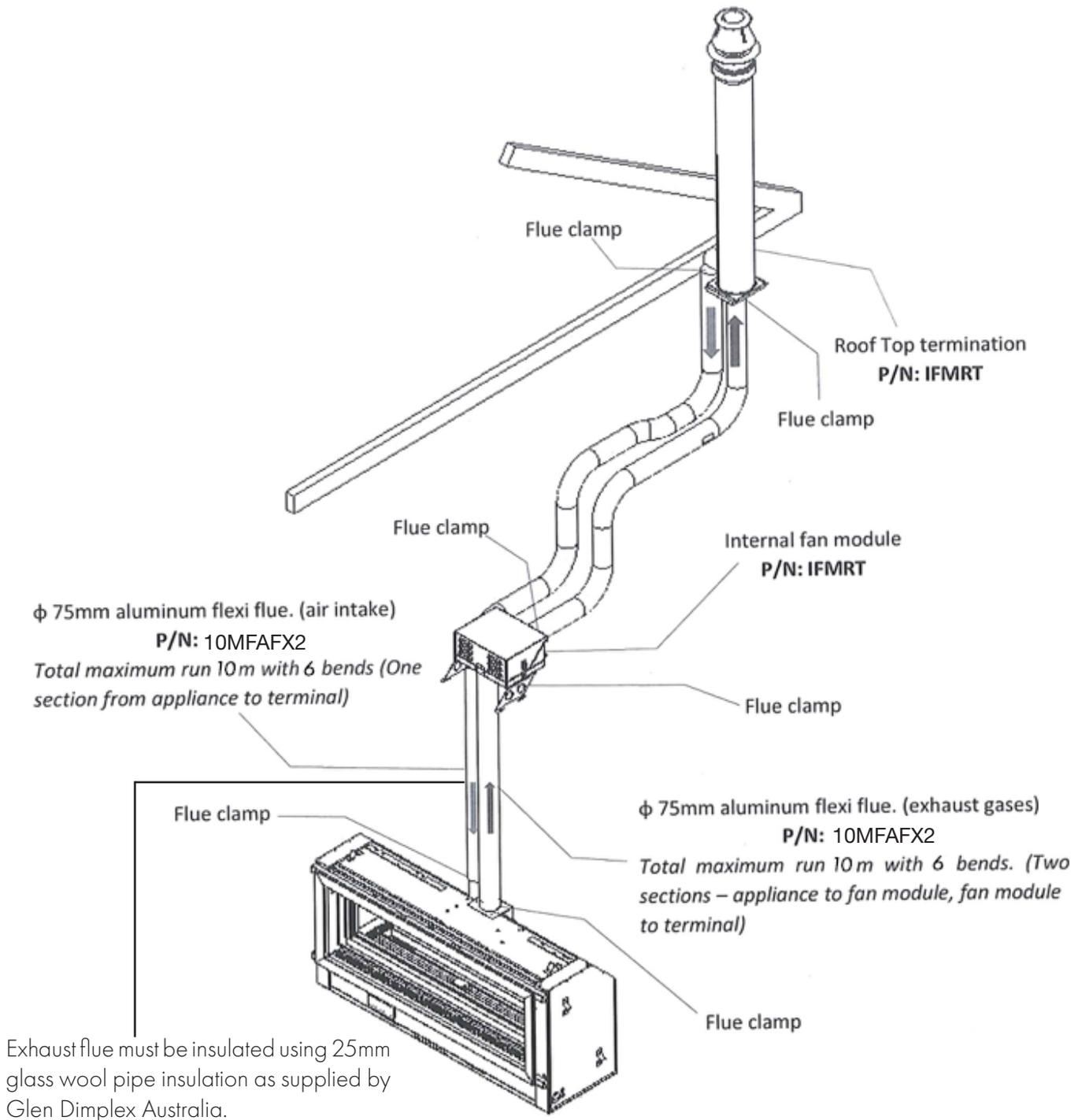
Joins can be taped together using aluminum foil self adhesive tape.



Insulation must be fitted prior and after the inline powerflue fan.

Failure to fit insulation on the exhaust flue may result in condensation failures with the appliance.

INTERNAL FAN & ROOF TERMINATION



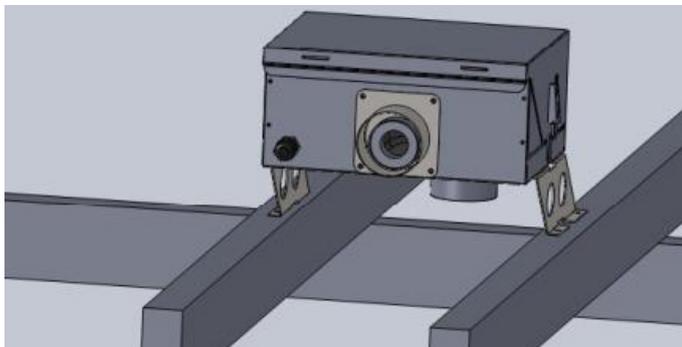
Setup with internal fan module with rooftop termination – mid flue mounted

Maximum 10m flue length

Note- fan module can be appliance mounted or mid mounted when finishing with the rooftop termination.

Rooftop termination

1. Rooftop termination must be installed with clearances as specified by AS5601.1-2013.
2. Run exhaust flue and air intake flue as required – Maximum total run 10m per flue. Flues can be run next to each other. Maintain clearances to combustibles.
3. Mount fan controller in the required location. (Access to the fan module is required for servicing, if the fan module is located inside a boxed frame, allow a 450 x 450 access panel).



4. Insulation Instructions-

Exhaust flue must be insulated using 25mm glass wool pipe insulation as supplied by Glen Dimplex Australia. Insulation must be fitted to exhaust (hot side only). Insulation must start as close to appliance as possible (within 300mm). Insulation must finish as close to discharge as possible (within 300mm). Insulation must run around bends. Insulation to be taped to ensure no gaps. Insulation may be fitted while running flue or at final stage of installation. (shown at flue stage in Instructions)



Run flue from appliance to bottom entry on fan module.

Support flue with brackets as required

Cut flue to length to suit connection.

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



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).



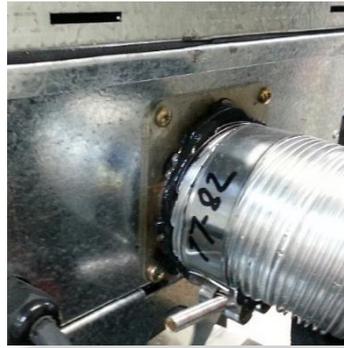
Slide flue onto connection spigot fully.

Tighten clamp fully.

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



Repeat for connection to underside of fan module.



Slide flue onto connection spigot fully.

Tighten clamp fully.

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



Repeat for air intake flue connection.



5. Connect power lead to fan module. Ensure lead is clipped to support where required.

Do not use connection to support lead.



4. Fan module outlet connection

Cut tube to length where required.

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

6. Connection to rooftop terminal

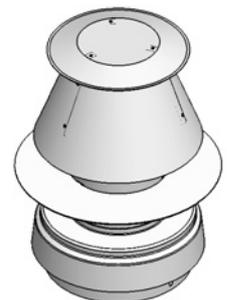
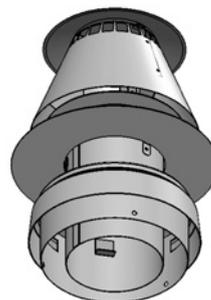
Prepare roof penetration. Remove cowl from termination if fitted.



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).



Cut rooftop penetration to length if required.

Install in to roof penetration.

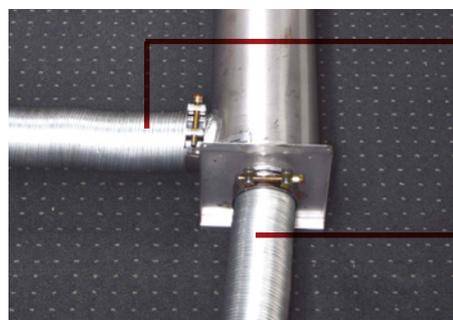
Install supports for base of penetration kit.



Connect hot exhaust flue and air intake flue as per below.

Apply an 8mm silicon bead fully around the inside of the flue end

Fit flue clamp over flue (loosely).



Air Intake Connection

Flue Discharge Connection

Slide flue onto connection spigot fully.

Tighten clamp fully.

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



IMPORTANT- Apply silicon bead between inner connection of cowl and flue pipe to seal inner flue to cowl. Outer does not require sealing.

Fit roof sealing method (Decktite or similar).

Ensure flue is supported and clipped where required.

Screw or rivet in 3 places to hold in place.



Fit flue exhaust insulation

Insulated with 25mm foil faces glasswool pipe insulation within 0.3m of each end of flue, as supplied by Glen Dimplex Australia.

Insulation must start as close to the gas space heater as possible
(Only exhaust flue is to be insulated)



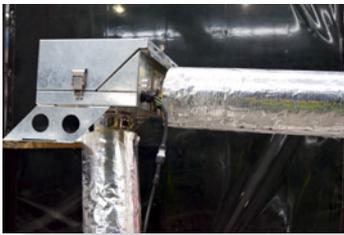
Insulation to be fully closed and sealed along length.



Bends were practical should be insulated, by cutting the insulation into segments and taping together.



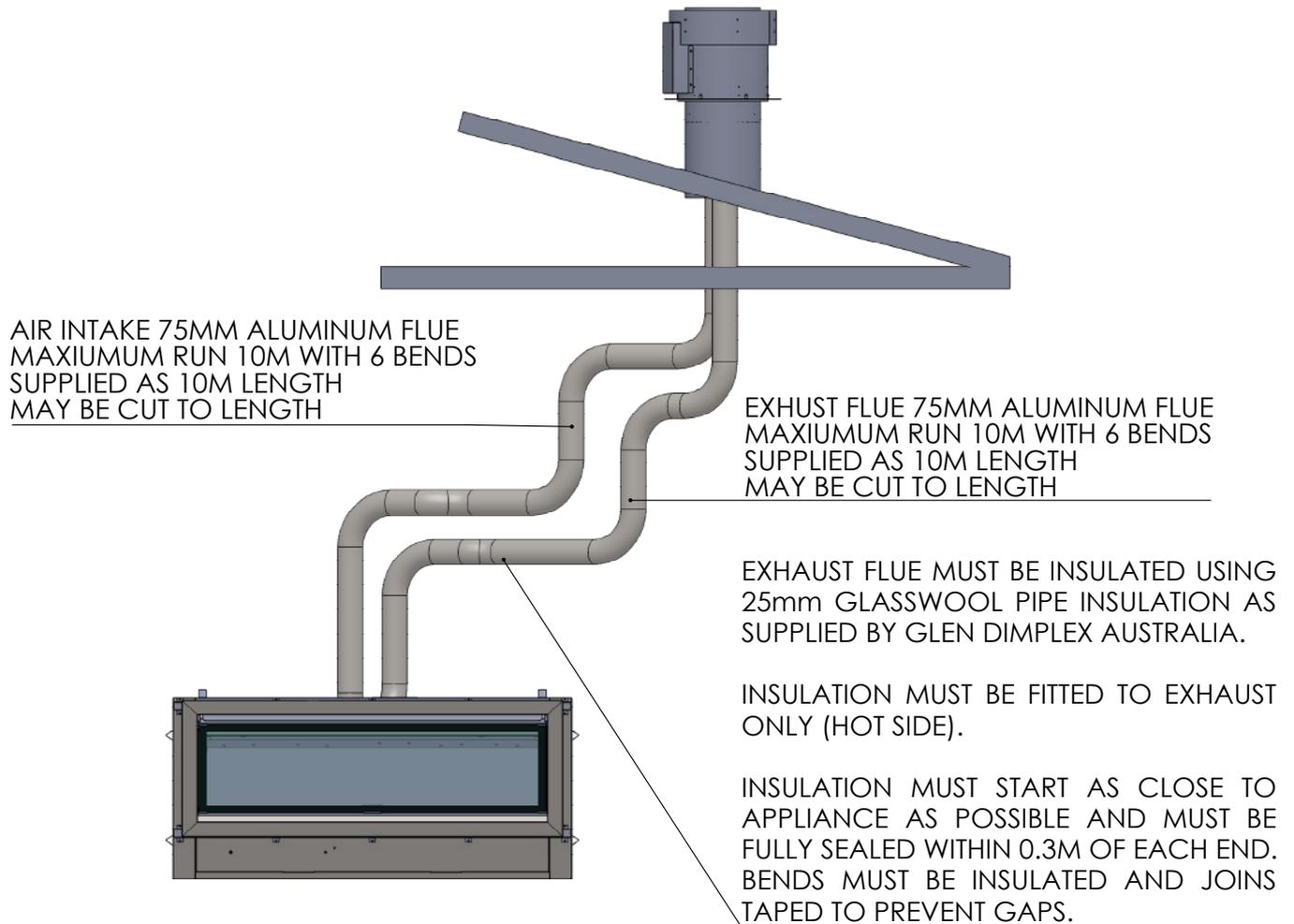
Joins can be taped together using aluminum foil self adhesive tape.



Insulation must be fitted prior and after the inline powerflue fan.

Failure to fit insulation on the exhaust flue may result in condensation failures with the appliance.

ROOFTOP TERMINATION WITH EXTERNAL MOTOR 5 TO 10m FLUE RUN



Setup with external rooftop termination

Maximum 10m 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 10mts.** Flues can be run next to each other. Maintain the required clearances to combustibles.
4. Insulation Instructions-

Exhaust flue must be insulated using 25mm glass wool pipe insulation as supplied by Glen Dimplex Australia. Insulation must be fitted to exhaust (hot side only).

Insulation must start as close to appliance as possible (within 300mm).

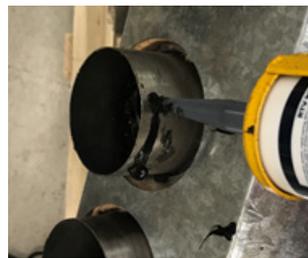
Insulation must finish as close to discharge as possible (within 300mm).

Insulation must run around bends.

Insulation to be taped to ensure no gaps.

Insulation may be fitted while running flue or at final stage of installation.

(shown at flue stage in Instructions)



On the heater connection end - Fit clamp loosely & apply silicon inside the pipes. Apply an 8mm silicon bead fully around the inside of the flue and on the heater spigot. Smear the silicon around the spigot and pipe.

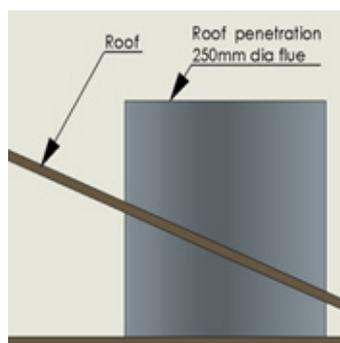
Recommended Silicon – Non-acetic, neutral cure 150°C or higher temperature rated. Bostik RTV 926 or similar.



Slide flue onto connection spigot fully. Tighten clamp fully. Wipe excess silicon, visually check connection to ensure connection is fully sealed.

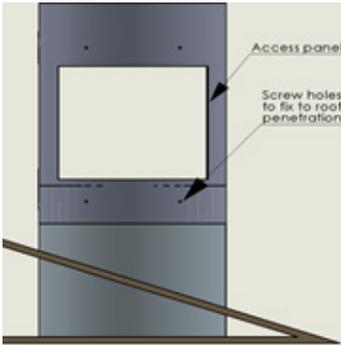
Repeat above with air intake flue pipe to heater connection.

Clip flues as required to provide adequate support.



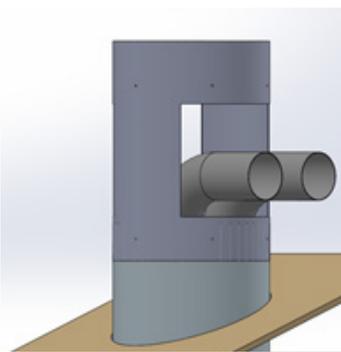
Insert the roof penetration and fix firmly to the roof structure using appropriate supports.

The roof penetration flue is a 250mm rigid flue.



Fit the access panel to the roof penetration.

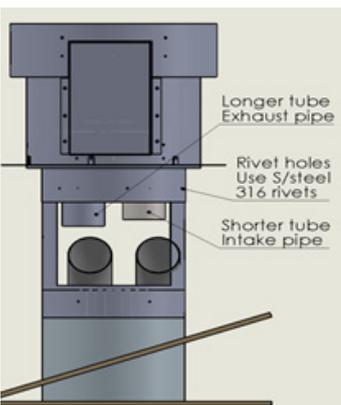
Use the screw holes to fix the access panel to the roof penetration.



Run flue pipes through the access cut outs before fitting the termination on for ease of installation.

(The picture is a reference only. Take care not to flex/bend the pipe too sharply and risk slitting the pipe)

If possible to insulate the flue pipe through the roof penetration, then fit insulation to the exhaust pipe.



Fit the termination on to the access panel and match the rivet holes to rivet the termination to the access panel.

Use only the rivets provided.



On the termination end - Fit clamp loosely & apply silicon inside the pipes. Apply an 8mm silicon bead fully around the inside of the flue and on the flue spigot. Smear smoothly around the surfaces.

Recommended Silicon – Non-acetic, neutral cure 200°C or higher temperature rated. Bostik RTV 922 or similar.



Slide flue onto connection spigot fully. Tighten clamp fully. Wipe excess silicon, visually check connection to ensure connection is fully sealed.

Ensure that the pipes are connected correctly and are not inverted.

Use the labels to identify exhaust and intake spigots



Connect the fan power cable from the appliance to the termination.

Ensure the cable is clamped only to the intake pipe to secure the cable from hanging loose & touching the hot flue gases pipe.

Use the clamp provided. The clamp can be opened like a collar and fitted around on the flue.



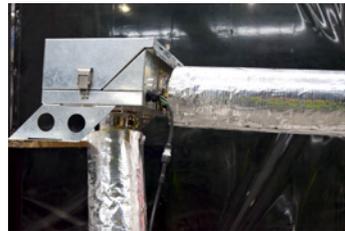
Joins can be taped together using aluminum foil self adhesive tape.



Fit flue exhaust insulation

Insulated with 25mm foil faces glasswool pipe insulation within 0.3m of each end of flue, as supplied by Glen Dimplex Australia.

Insulation must start as close to the gas space heater as possible
(Only exhaust flue is to be insulated)



Insulation must be fitted prior and after the inline powerflue fan.

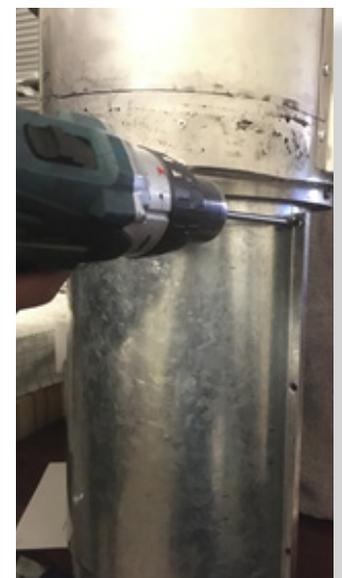
Failure to fit insulation on the exhaust flue may result in condensation failures with the appliance.



Insulation to be fully closed and sealed along length.



Bends were practical should be insulated, by cutting the insulation into segments and taping together.



Flex collar and fit around the access panel. Socket the collar all the way up close to the air intake slots Ensure there is a rubber seal top and bottom of the collar.

Use only the screws provided to tightly fit the collar to seal the access panel.

Refer to the Main Manual for Warnings, Specifications, Operations, Media, Conversion, Parts List and Warranty information. This is only a supplementary manual for rooftop with external motor and extended insulated flue configuration for Element 1200 and 1800 only.



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