REGENCY
FIREPLACE PRODUCTS

City Series®
Zero Clearance Direct Flue Gas Fireplace

Owners & Installation Manual

LISTINGS AND CODE APPROVALS

These gas appliances have been tested in accordance with AS/NZS 5263.0 & AS/NZS 5263.1.8:2016 and have been certified by IAPMO for installation and operation as described in these Installation and Operating Instructions.

Must be installed as per AS/NZS5601.

Your unit should be serviced annually by an authorised service person.

www.regency-fire.com.au

STYLE	MODEL
Left Corner	ACC40LENG / ACC40LELP / ACC40LEULPG
Right Corner	ACC40RENG / ACC40RELP / ACC40REULPG

⚠Warning
Fire or explosion Hazard
failure to follow safety warnings exactly could result in serious injury, death, or property damage.

PRIMARILY A DECORATIVE AND NOT A HEATING APPLIANCE.

DO NOT MODIFY THIS APPLIANCE.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

- WHAT TO DO IF YOU SMELL GAS

- **Do not try to light any appliance.**
- **Do not touch any electrical switch: do not use any phone in your building. Leave the building immediately.**
- **Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

***Installer*: Please complete the details on the back cover and leave this manual with the homeowner.**
***Homeowner:* Please keep these instructions for future reference.**

data badge

This is a copy of the label that accompanies Direct Flue Gas Fireplace. We have printed a copy of the contents here for your review. The safety label is located on the front inside base of the unit, visible when the outer front panel is removed.

NOTE: Regency® units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.

Copy of Data Badge

Regency Gas Fireplace

Gas Type	NG	Propane	ULPG
Model	◯ ACC40LENG ◯ ACC40RENG	◯ ACC40LELP ◯ ACC40RELP	◯ ACC40LEULPG ◯ ACC40REULPG
Gas Consumption High	30 MJ/h	30 MJ/h	24 MJ/h
Gas Consumption Low	17.1 MJ/h	16.0 MJ/h	11.7 MJ/h
Supply Pressure (Min.)	1.13 kPa	2.75 kPa	2.75 kPa
Manifold Pressure High	0.96 kPa	2.60 kPa	2.60 kPa
Manifold Pressure Low	0.30 kPa	0.70 kPa	0.63 kPa
Injector Size	2.40 mm	1 x #53 1.51 mm	1 x #54 1.39 mm

Approval No. GMK10594
AS/NZS 5263.0 & AS/NZS 5263.1.8

Distributed by:
Western Australia:
Air Group Australia
28 Division St
Welshpool, WA 6106
Eastern Australia
Fireplace Products
Australia Pty. Ltd.
1 Conquest Way
Hallam, VIC 3803
New Zealand
Aber Holdings
17 Main Street Place
Te Rapa, HA 3200

To be installed by an authorised person in accordance with installation instructions provided with the appliance.

Electrical: 240V 50/60 Hz

PRIMARILY A DECORATIVE AND NOT A HEATING APPLIANCE

Serial Number **528**

920-216

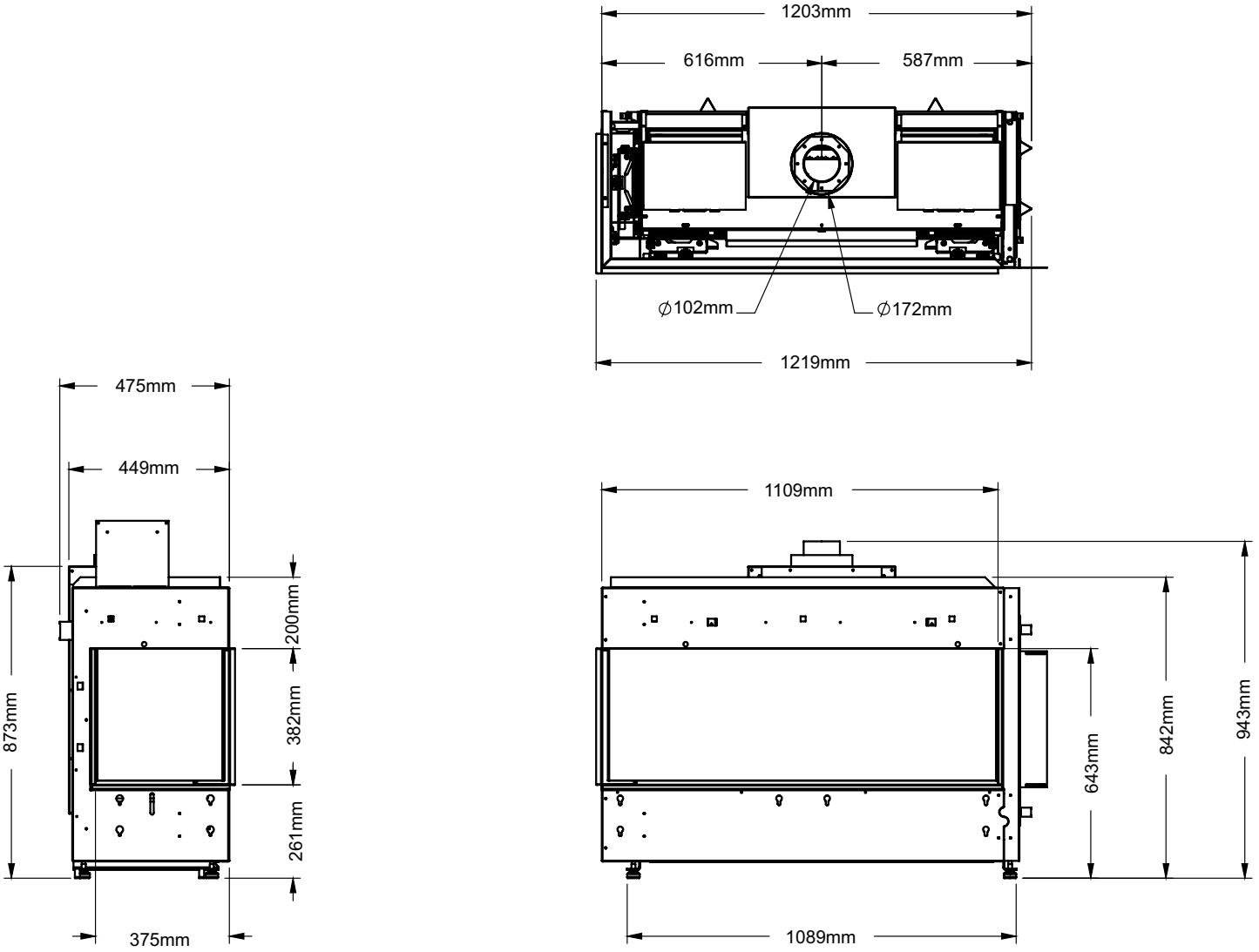
DO NOT OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTIONS BOOKLET.
DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE
DO NOT STORE CHEMICALS OR FLAMMABLE MATERIALS NEAR THIS APPLIANCE.
DO NOT OPERATE WITH PANELS, COVERS OR GUARDS REMOVED FROM THIS APPLIANCE.

908-602c

◯ **THE GUARD IS FITTED TO THIS APPLIANCE TO REDUCE THE RISK OF FIRE OR INJURY FROM BURNS AND NO PART OF IT SHOULD BE PERMANENTLY REMOVED.**

FOR PROTECTION OF YOUNG CHILDREN OR THE INFIRM, A SECONDARY GUARD IS REQUIRED.

Dimensions (Left Corner)



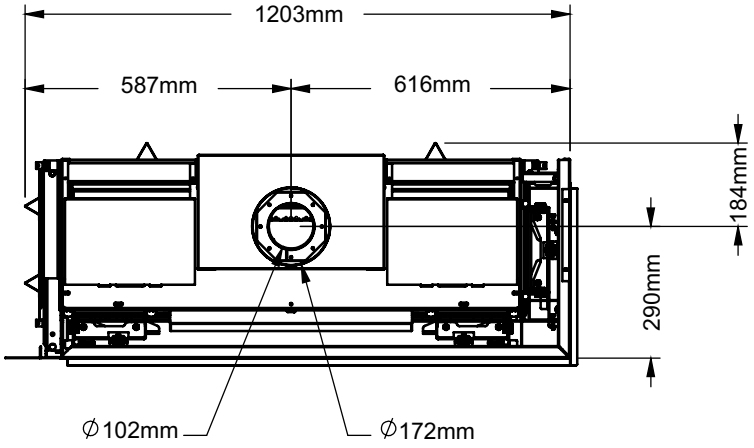
Note: Height Dimension may vary depending on the height of the leveling legs.

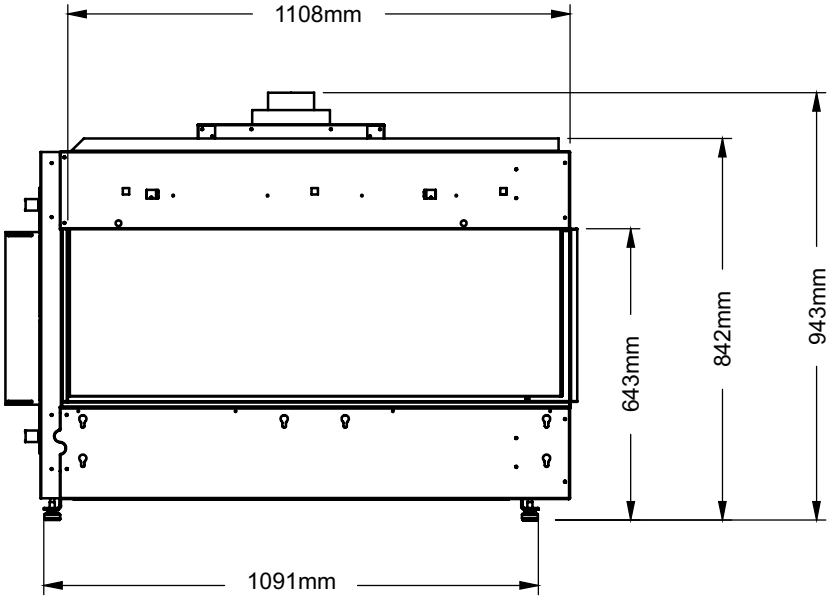
Note: These units are non-load bearing.

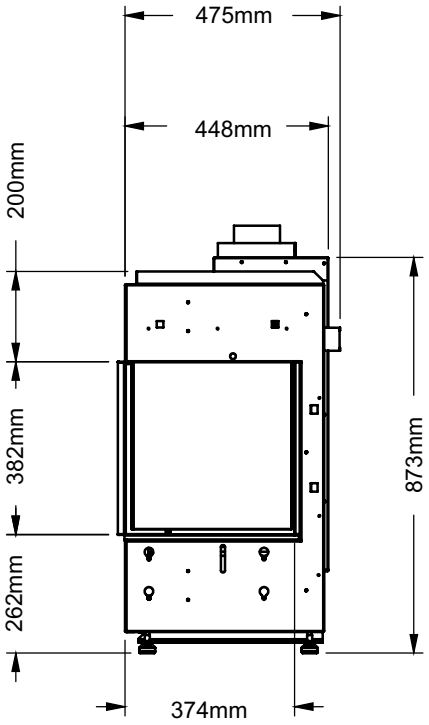
ALL PICTURES / DIAGRAMS SHOWN THROUGHOUT THIS MANUAL ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENTS.

dimensions

Dimensions (Right Corner)







Note: Height Dimension may vary depending on the height of the leveling legs.

Note: These units are non-load bearing.

Clearances

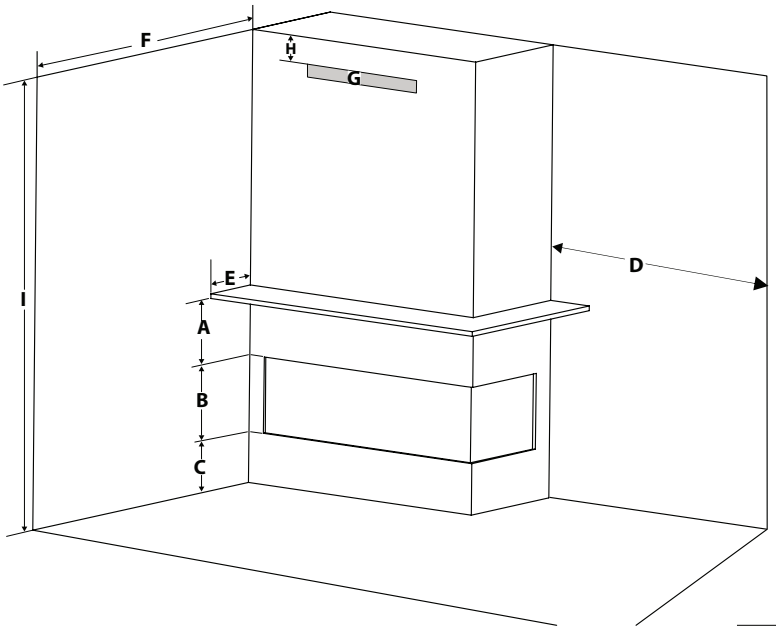
The clearances listed below are Minimum distances unless otherwise stated:
A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and flue system be installed only in accordance with these instructions.

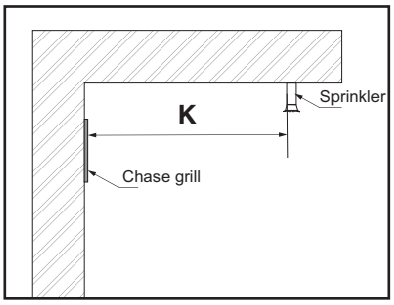
Note: ACC40LE shown in illustration. Clearances will be the same for the ACC40RE.

Clearance: single sided	Dimension	Measured From:
A: Mantel Height (min.)	**	Top of Fireplace Opening
B: Opening Height	382mm	Bottom/Top of Fireplace Opening
C: From Floor	Min. 0mm	Bottom of Fireplace Opening
D: Sidewall (on one side)	Min. 914mm	Side of Fireplace Opening
E: Mantel Depth (Max.)	**	Front of Fireplace Opening
F: Alcove Depth	Min. 914mm	Front of Fireplace Opening
G: Convection Air Outlet	*	Top of Enclosure
H: Convection Air Outlet Opening Offset	0-76mm	Max. offset from top of chase enclosure
I: Chase Enclosure (Min.)	1600mm	From Base of Unit
K: Clearance to sprinkler head (Min.)	914mm	Perpendicular from chase grill
Hearth	0mm	No hearth required
** See mantel clearances chart in this manual.		

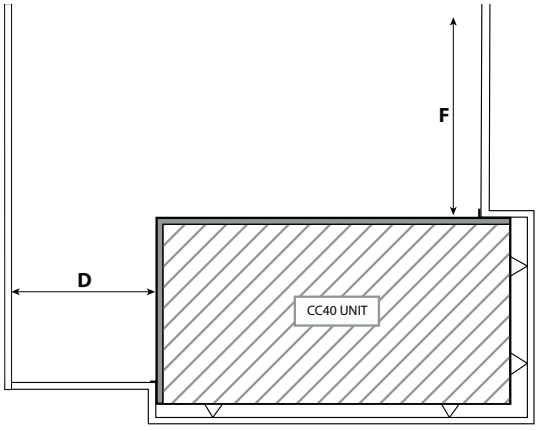
Flue Clearances to Combustibles	
Horizontal - Top	76mm
Horizontal - Side	51mm
Horizontal - Bottom	51mm
Vertical	51mm
Passing through wall/ floor/ceiling - when firestop is used.	38mm

**A minimum of 774 square centimetres of open area, not lower than 76mm from top of enclosure, required for all installations*





Side view



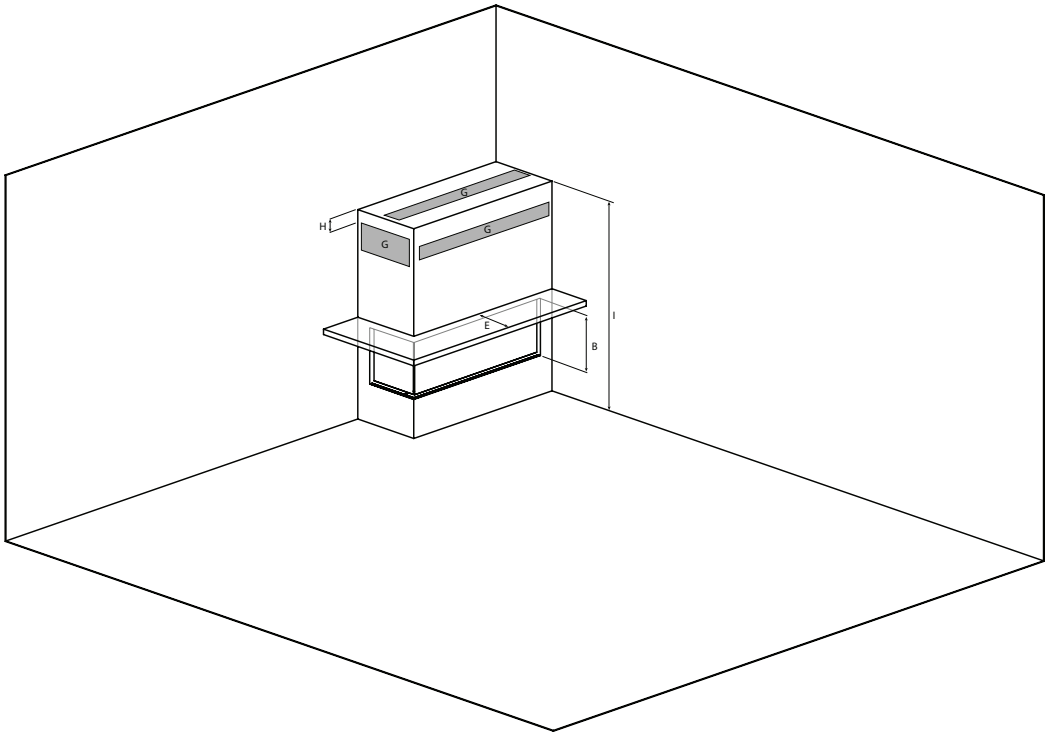
Top View Alcove

The ***HeatWave*** Duct Kit has different clearance and framing requirements, check the ***HeatWave*** manual for details.

Caution Requirements
The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoff may **NOT** be recessed into combustible construction.

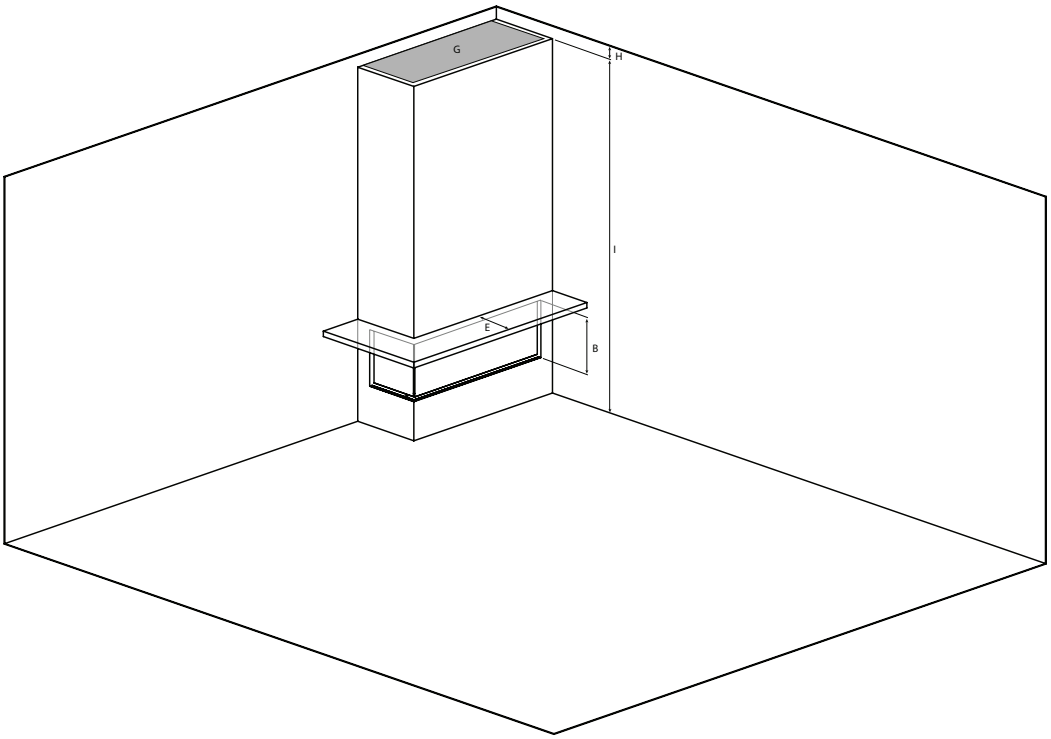
WARNING
Fire hazard is an extreme risk
if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and flue system be installed only in accordance with these instructions.

Clearances



Low framing with vents in front/sides or top

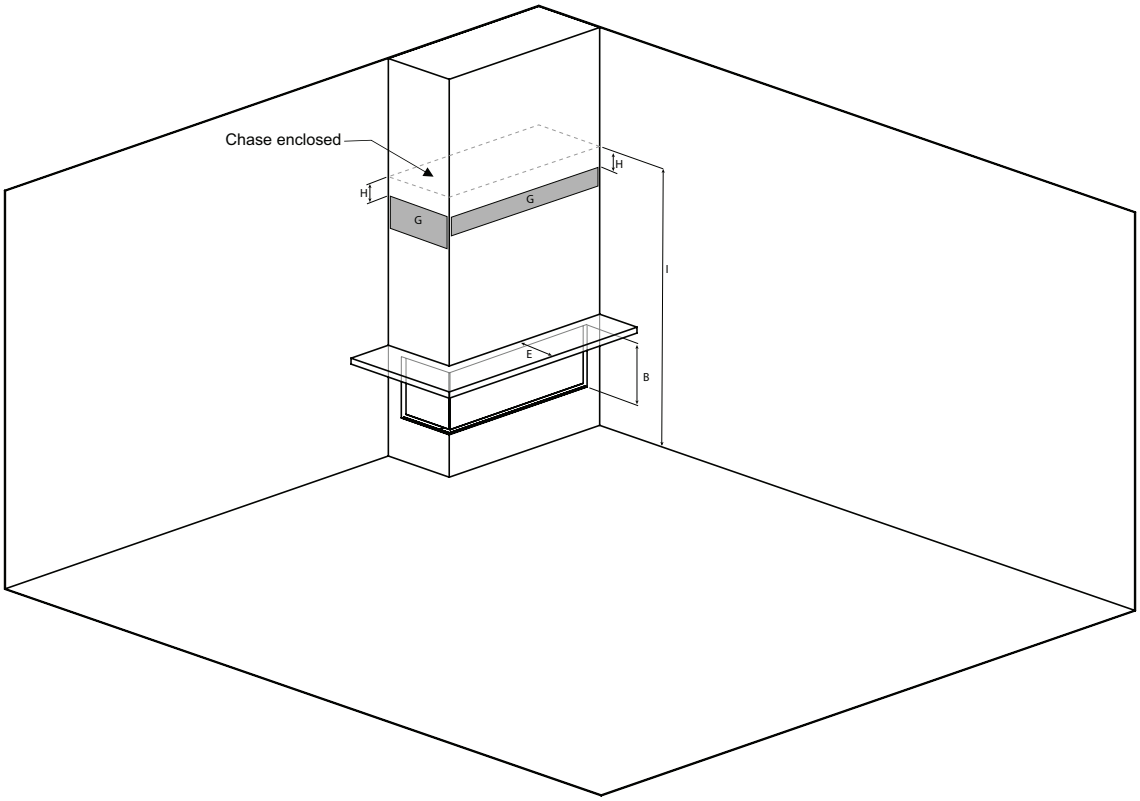
ACC40LE shown



Floor to ceiling with top opening

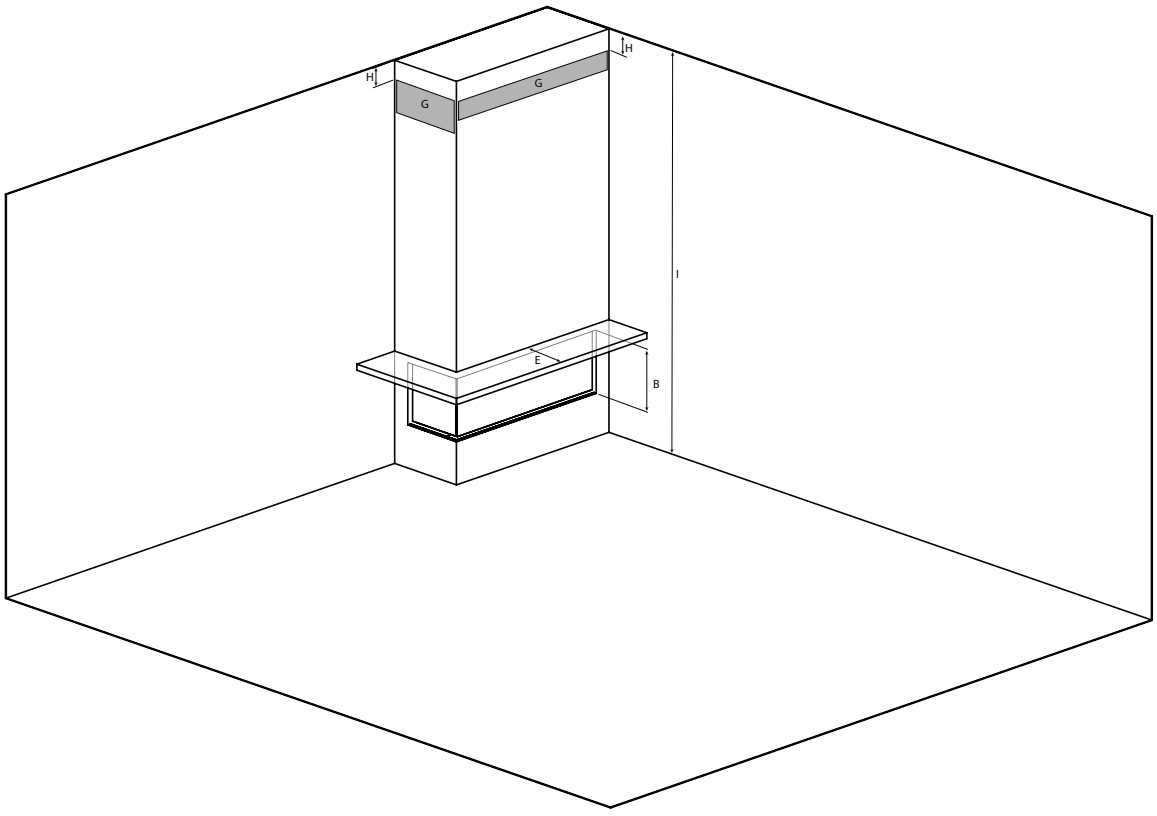
ACC40LE shown

Clearances



ACC40LE shown

Full framing with low vents in front or sides

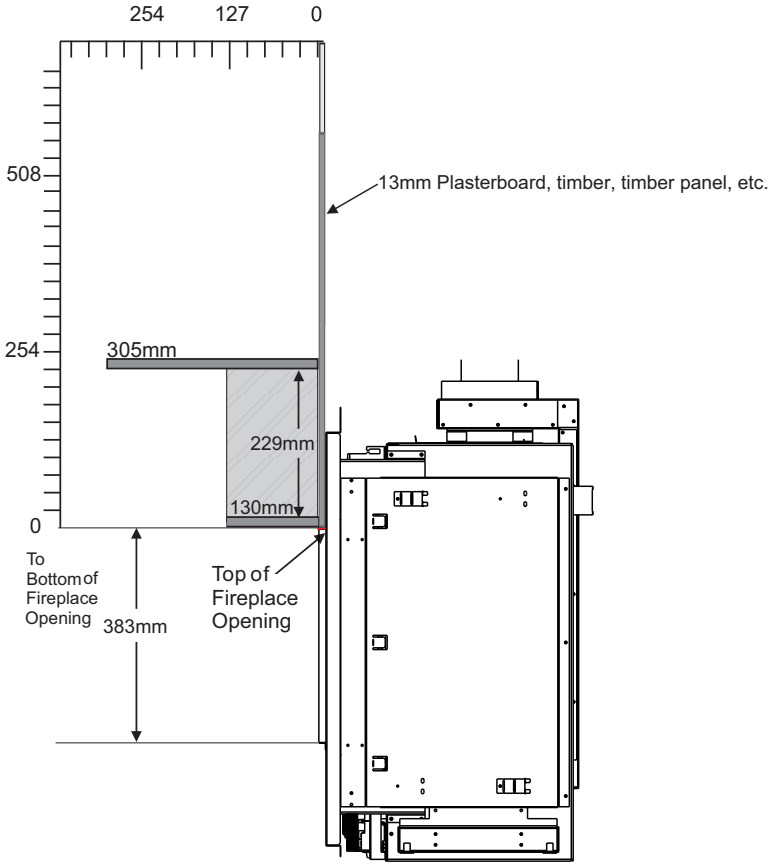


ACC40LE shown

Full framing with vents in front or sides

Mantel Clearances

Combustible mantel clearances from top of front facing are shown in the diagram on the right.



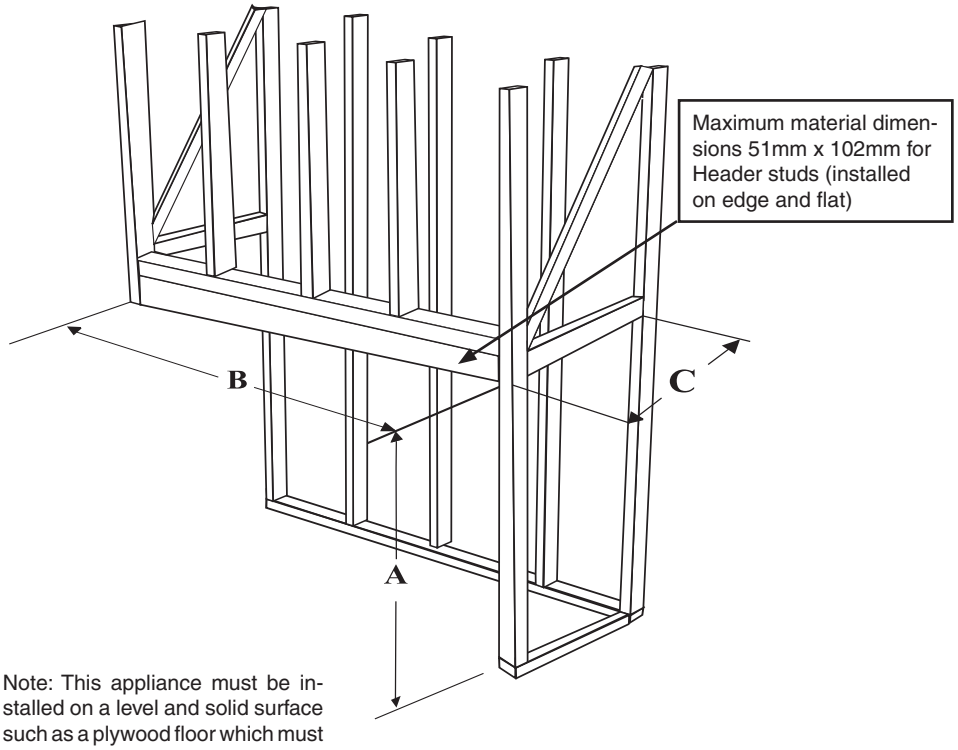
Framing Dimensions (Left Corner)

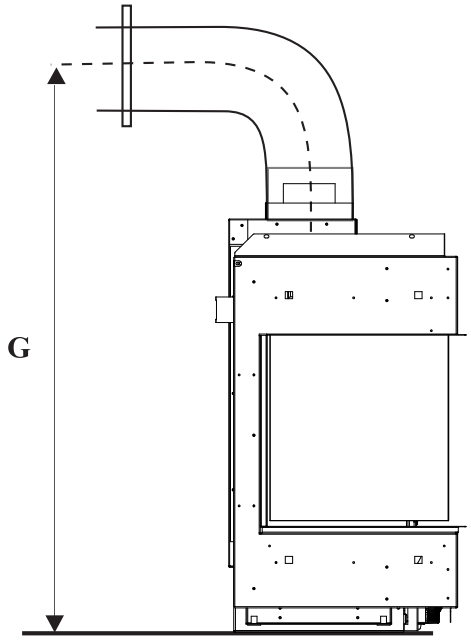
NOTE: Framing may be constructed of combustible material (ie. 51mm x 102mm) and does not require steel studs.

Framing Dimensions	Description	ACC40LE
A	Framing Height	949mm
B	Framing Width	1226mm
C	Framing Depth	483mm
D	Unit Base to Top Enclosure (Min.)	1600mm
G	Flue Centerline Height	1429mm

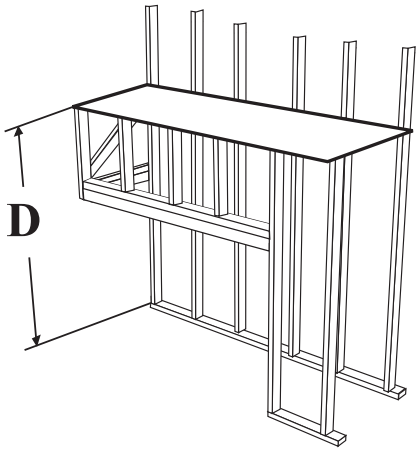
Note: A combined minimum of 774 square centimetres of open area is required for the convection air outlet to cool the enclosure. Ensure clearances for Convection Air Outlets are met.
See clearances ACC40LE/AC-C40RE (single sided) in this manual as there are different methods as to how this can be achieved.

NOTE: Unit cannot be load-bearing. All finishing materials must be supported by the framing.





Note: This appliance must be installed on a level and solid surface such as a plywood floor which must be the full width and depth of the appliance.



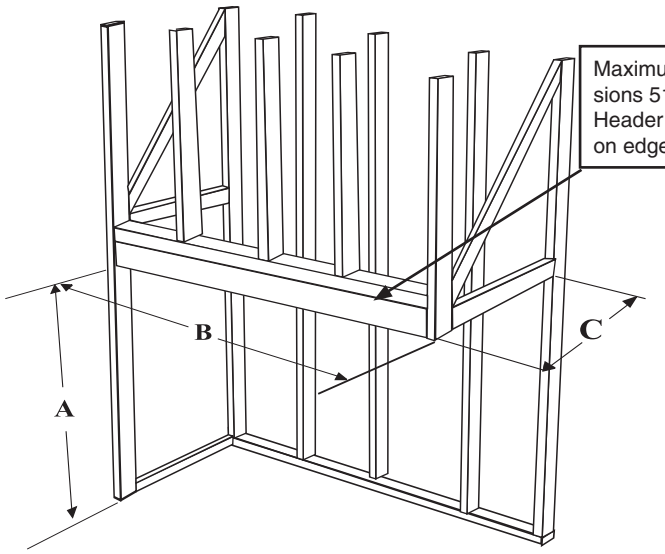
Framing Dimensions (Right corner)

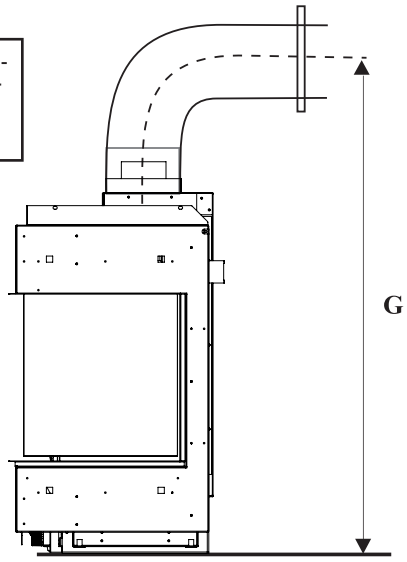
NOTE: Framing may be constructed of combustible material (ie. 51mm x 102mm)and does not require steel studs.

Framing Dimensions	Description	ACC40RE
A	Framing Height	949mm
B	Framing Width	1226mm
C	Framing Depth	483mm
D	Unit Base to Top Enclosure (Min.)	1600mm
G	Flue Centerline Height	1429mm

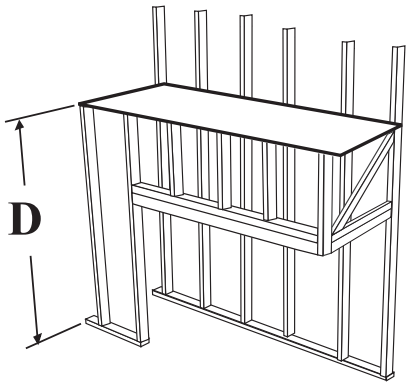
Note: A combined minimum of 774 square centimetres of open area is required for the convection air outlet to cool the enclosure. Ensure clearances for Convection Air Outlets are met.
See clearances ACC40RE (in this manual) as there are different methods as to how this can be achieved.

NOTE: Unit cannot be load-bearing. All finishing materials must be supported by the framing.



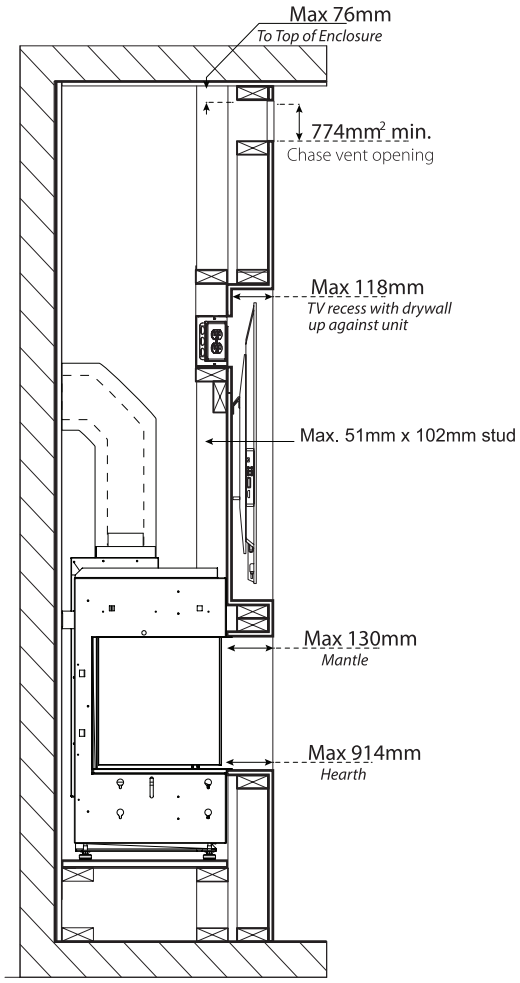


Note: This appliance must be installed on a level and solid surface such as a plywood floor which must be the full width and depth of the appliance.



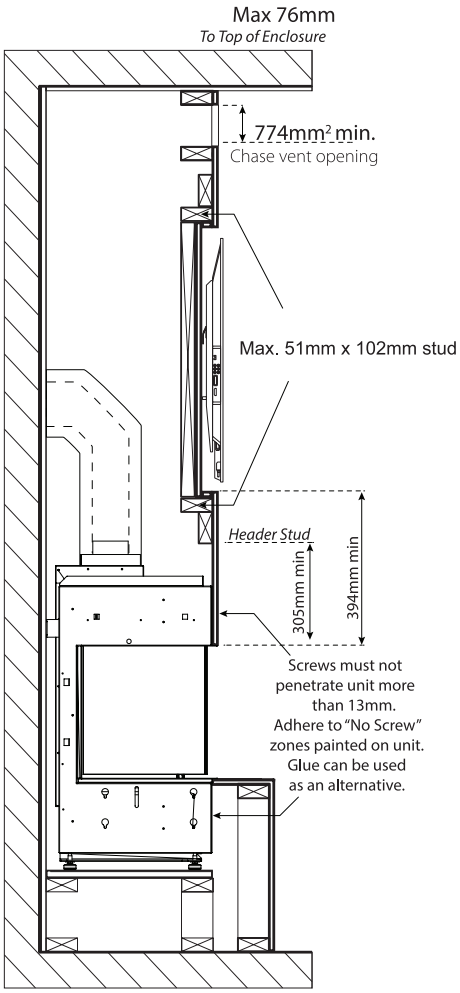
TV Recessed Into Wall- Typical Installs

Maximum TV Recess



118mm maximum TV recess using 13mm drywall

TV Flush with Hearth



Flush wall TV recess using 13mm drywall

Venting Introduction

The ACC40LE/ACC40RE uses the "balanced flue" technology Co-Axial system. The inner liner vents products of combustion to the outside while the outer liner draws outside combustion air into the combustion chamber thereby eliminating the need to use heated room air for combustion and losing warm room air up the chimney.

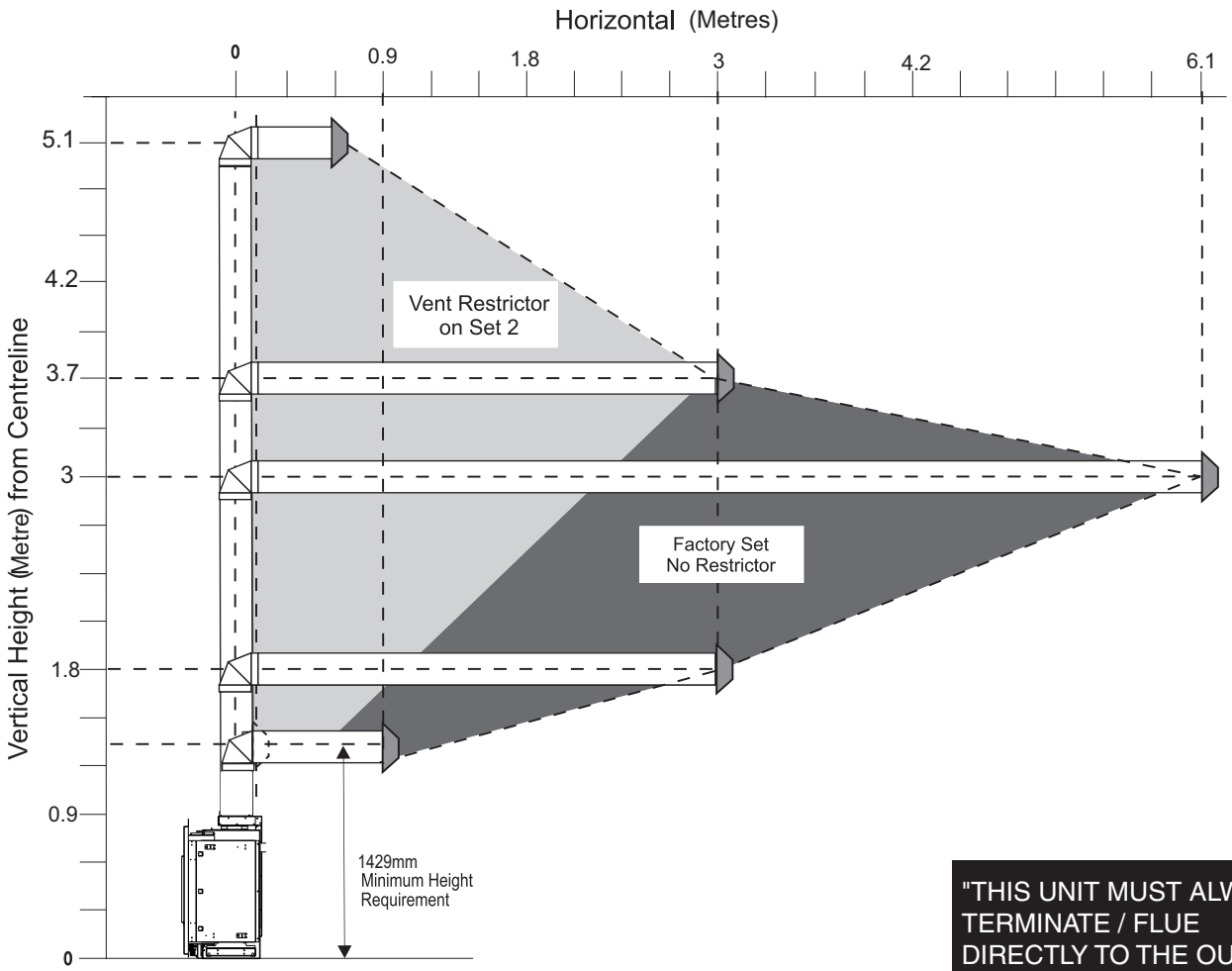
Note: These flue pipes must not be connected to any other appliance.

The gas appliance and flue system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas burning appliance. Each direct flue gas appliance must use it's own separate flue system. Common flue systems are prohibited.

Flueing Arrangement for Horizontal Terminations

The diagram shows all allowable combinations of vertical runs with horizontal terminations, using one 90° (two 45° elbows equal one 90° elbow).

Note: Must use optional rigid pipe adapter (Part# 510-994) when using Rigid Pipe Flueing Systems.



Flue RESTRICTOR SETTING:
Flue restrictor factory set at Set 0.
Refer to the "Flue Restrictor Position" section for details on how to change the flue restrictor from the factory setting of Set 0 to Set 2 if required.

Note: For horizontal terminations the Regency Direct Flue Flex System may be used for installations with a maximum continuous flue length of up to 3m. If longer runs are required, rigid pipe must be used.

- Maintain clearances to combustibles as listed in "Clearances" section
- Horizontal flue must be supported every 0.9m.
- Firestops are required at each floor level and whenever passing through a wall.
- A flue guard should be used whenever the termination is lower than the specified minimum or as per local codes.
- Flex system can only be used up to 3m - otherwise rigid flueing must be used.

Horizontal Terminations

Flex Flue 102mm x 175mm

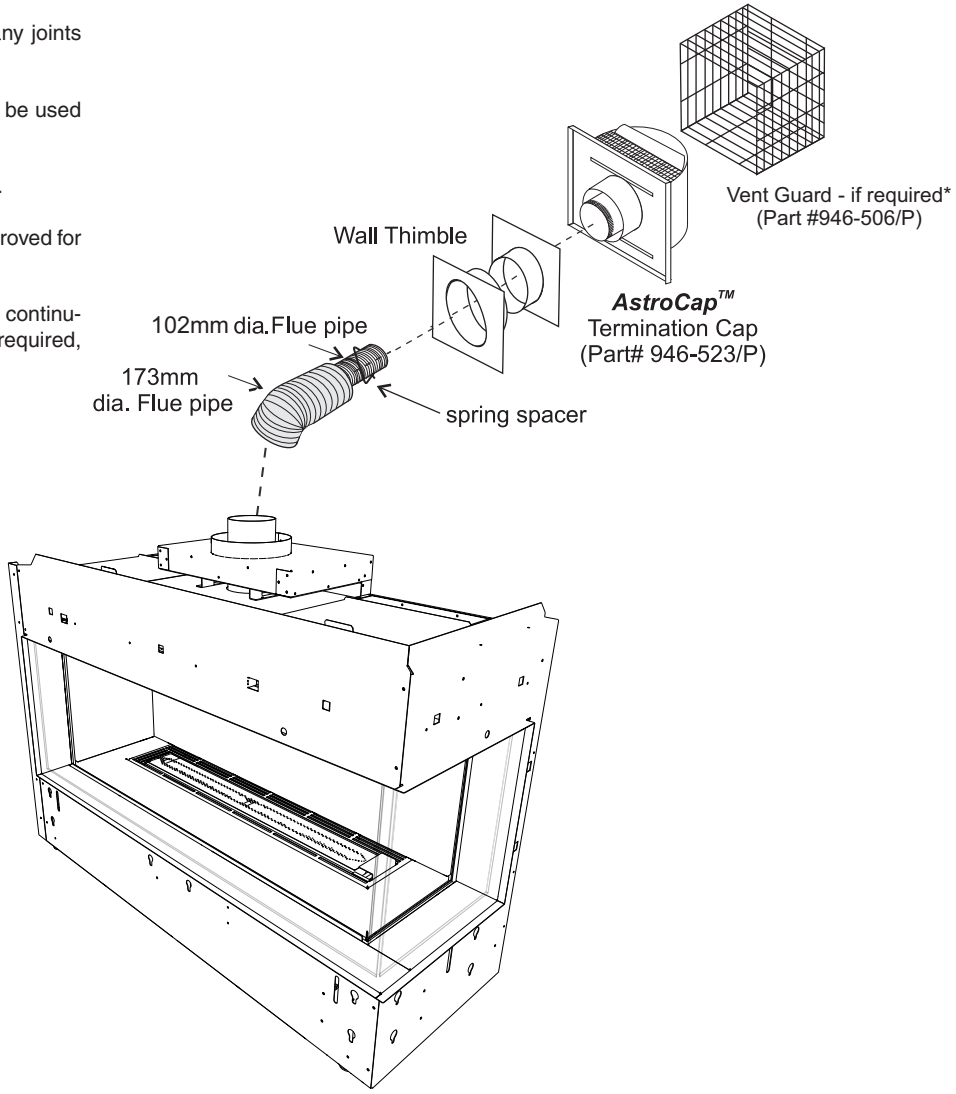
These venting systems, in combination with the ACC40LE/ACC40RE Direct Flue Gas Fireplace, have been tested and listed as a direct flue heater system by Warnock Hersey/ Intertek. The location of the termination cap must conform to the requirements in the Flue Terminal Locations diagram in "Exterior Flue Termination Locations" section.

Regency® Direct Flue (Flex) System Termination Kits includes all the parts needed to install the ACC40LE/ACC40RE using a flexible flue.

FPI Kit #	Length	Contains:
#946-515	1.2m	**1.** 175mm flexible outer liner (Kit length) **2.** 102mm flexible inner liner (Kit length) **3.** spring spacers **4.** thimble **5.** ***AstroCap*** termination cap **6.** screws **7.** tube of Mill Pac **8.** plated screws **9.** S.S. screws #8 x 38mm drill point
#946-516	3m	

Notes:

1. Liner sections should be continuous without any joints or seams.
2. Only Flex pipe purchased from Regency® may be used for Flex installations
3. Horizontal vent must be supported every 0.9m.
4. Regency® Direct Vent System (Flex) is only approved for horizontal terminations.
5. Flex system can only be used up to a maximum continuous vent length of up to 3m. If longer runs are required, rigid pipe must be used.



Horizontal Terminations

Rigid Pipe 102mm x 175mm

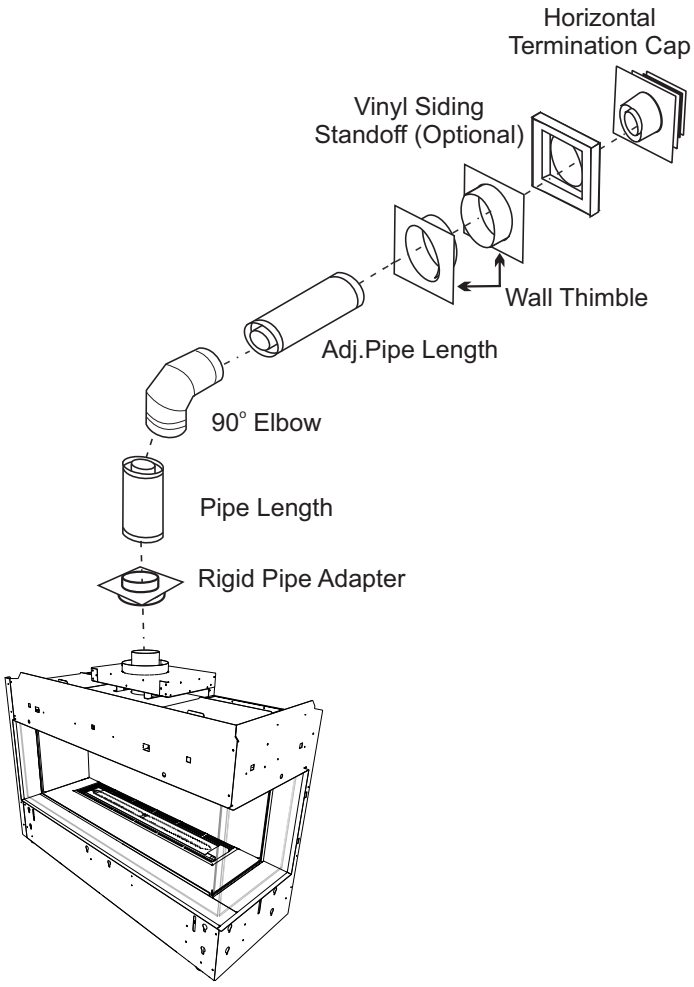
The minimum components required for a basic horizontal termination are:

1 Horizontal Termination Cap
1 Rigid Pipe Adaptor (510-994)
1 Wall Thimble
1 Length of pipe to suit wall thickness (see chart)

Wall thickness is measured from the back standoffs to the inside mounting surface of termination cap. For siding other than vinyl furring strips may be used instead of the vinyl siding standoff, to create a level surface to mount the flue terminal. The Terminal must not be recessed into siding. Measure the wall thickness including furring strips.

If a Vinyl Siding Standoff is required (it must be used with vinyl siding), measure to outside surface of wall without siding and add 51mm.

Flat Wall Installation	
Wall Thickness (mm)	Vent Length Required (mm)
102mm-140mm	152mm
178mm-216mm	229mm
254mm-292mm	305mm
229mm-368mm	279mm-371mm Adj. Pipe
381mm-597mm	432mm-610mm Adj. Pipe



WARNING:

Do not combine venting components from different venting systems.

Use of the the AstroCap™ and FPI Riser is acceptable with all systems.

This product has been evaluated by Intertek for using a Rigid Pipe Adaptor in conjunction with Duravent Direct-Flue, Selkirk Direct-Temp, Ameri Flue Direct Venting, ICC Excel Direct, Olympia Chimney and Security Secure Flue systems. Use of these systems with the Rigid Pipe adaptor is deemed acceptable and does not affect the Intertek WHI listing of components.

When using Rigid Flue other than Simpson Dura-Flue, 3 screws must be used to secure rigid pipe to adaptor.

The FPI AstroCap™ and FPI Riser Flue terminal are certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Flue, American Metal Products Ameri Flue Direct Flue, Security Secure Vent®, ICC Excel, Selkirk Direct-Temp and Olympia Chimney. AstroCap™ is a proprietary trademark of FPI Fireplace Products International Ltd. Dura-Vent® and Direct Flue are registered and/or proprietary trademarks of Simpson Dura-Flue Co. Inc.

Horizontal Terminations

Rigid Pipe 102mm x 175mm

The diagrams below show examples of horizontal termination arrangements using one, two, or three 90° elbows (two 45° elbows equal one 90° elbow)

1. A maximum of three 90° elbows are permitted.

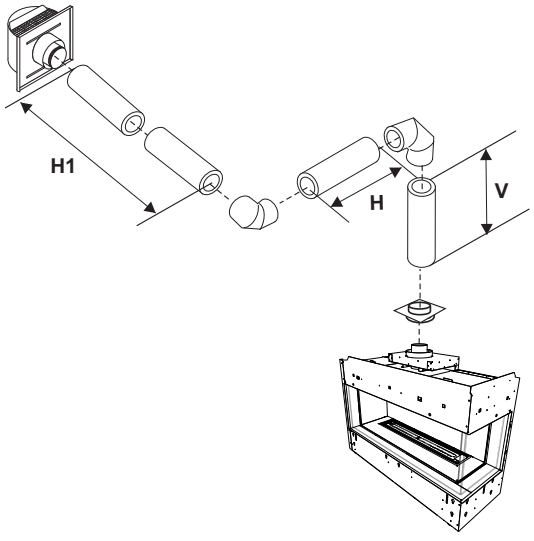
2. Minimum distance between elbows is 305mm.

- Maintain clearances to combustibles as listed in the "Clearances" section.
- Horizontal flue must be supported every 0.9m.
- Firestops are required at each floor level and whenever passing through a wall.
- Must use optional rigid pipe adaptor (Part# 510-994) when using rigid pipe flue systems.
- A flue guard should be used whenever the termination is lower than the specified minimum or as per local codes.
- Flex system can only be used up to 3m - otherwise rigid flueing must be used.

Horizontal Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

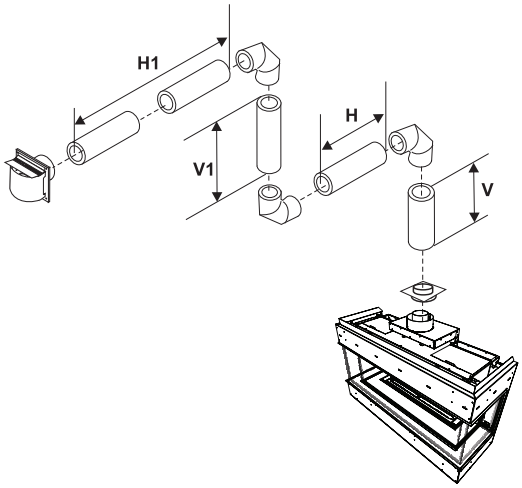
Option	V	H + H1	
	Min.	**Max.**	
A)	0.3m	0.6m	With these options, maximum total pipe length is 9.1m with minimum of 1.8m feet total vertical and maximum 2.4m total horizontal. ***Please note minimum 0.3m between 90° elbows is required.***
B)	0.6m	1.2m	
C)	0.9m	1.5m	
D)	1.2m	1.8m	
E)	1.5m	2.1m	
F)	1.8m	2.4m	
Restrictor Set 0 - Factory Setting			



Horizontal Venting with Three (3) 90° Elbows

One 90° elbow = Two 45° elbows.

Option	V	H	V + V1	H + H1	
	Min.	**Max.**	**Min.**	**Max.**	
A)	0.3m	0.3m	0.6m	0.6m	With these options, max. total pipe length is 9.1m with min. of 3.6m total vertical and max. 2.7m total horizontal. ***Please note min. 0.3m between 90° elbows is required.***
B)	0.3m	0.6m	0.9m	0.9m	
C)	0.6m	0.6m	1.5m	1.2m	
D)	0.9m	0.6m	2.1m	1.5m	
E)	1.2m	0.9m	2.7m	1.8m	
F)	1.5m	1.2m	3m	2.1m	
G)	1.8m	1.5m	3.3m	2.4m	
H)	2.1m	1.8m	3.6m	2.7m	
Restrictor Set 0 - Factory Setting					



Flueing Arrangement for Vertical Terminations

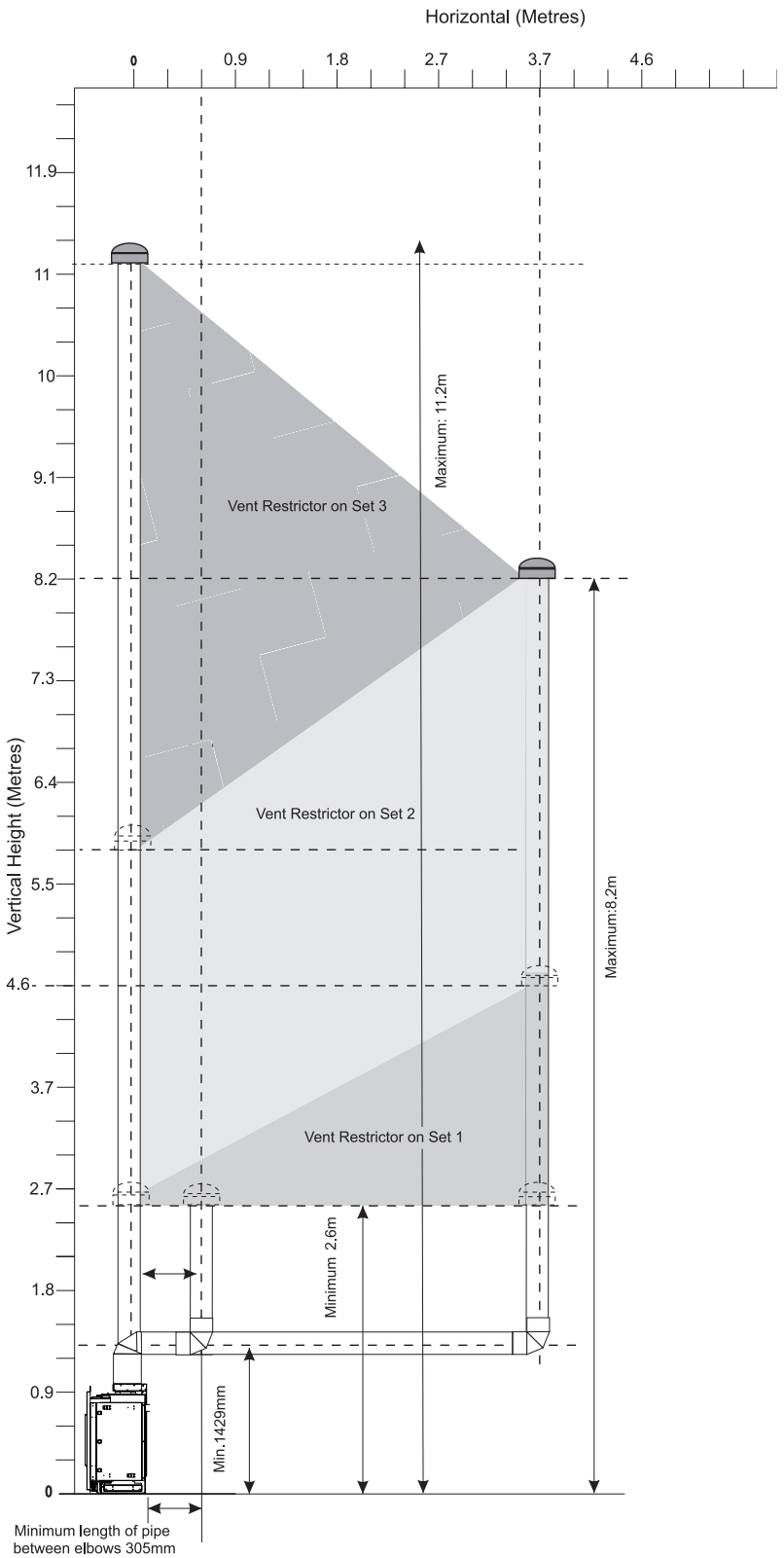
Vertical Flueing with Straight Vertical Flueing and or with a max. of two (2) 90° Elbows (1 - 90° = 2 - 45°)

The shaded area in the diagram shows all allowable combinations of straight vertical and offset to vertical terminations, using two 90° elbows, with **Rigid Pipe Flueing Systems**.

Two 45° elbows equal to one 90° elbow.

- Vent must be supported at offsets.
- Minimum distance between elbows is 305mm.
- Maintain clearances to combustibles as listed in the "Clearances" section.
- Horizontal vent must be supported every 0.9m.
- Firestops are required at each floor level and whenever passing through a wall.
- Must use optional rigid pipe adaptor (Part# 510-994) when using rigid pipe vent systems.
- Refer to the "Vent Restrictor Position" section for details on how to change the vent restrictor from the factory setting of Set 0 through to Set 3 if required.

"THIS UNIT MUST ALWAYS TERMINATE / FLUE DIRECTLY TO THE OUTDOORS."



Vertical Terminations

Rigid Pipe 102mm x 175mm

The minimum components required for a basic vertical termination are:

1 Vertical Termination Cap
1 Rigid Pipe Adaptor (510-994)
1 Ceiling Firestop
1 Flashing
1 Storm Collar
1 Length of pipe to suit wall thickness (see chart)

Galvanized pipe is desirable above the roofline due to its higher corrosion resistance. Continue to add pipe sections through the flashing until the height of the flue cap meets the minimum height requirements specified in diagram 2 or local codes. Note that for steep roof pitches, the vertical height must be increased. A poor draft, or down drafting can result from high wind conditions near big trees or adjoining roof lines, in these cases, increasing the flue height may solve the problem.

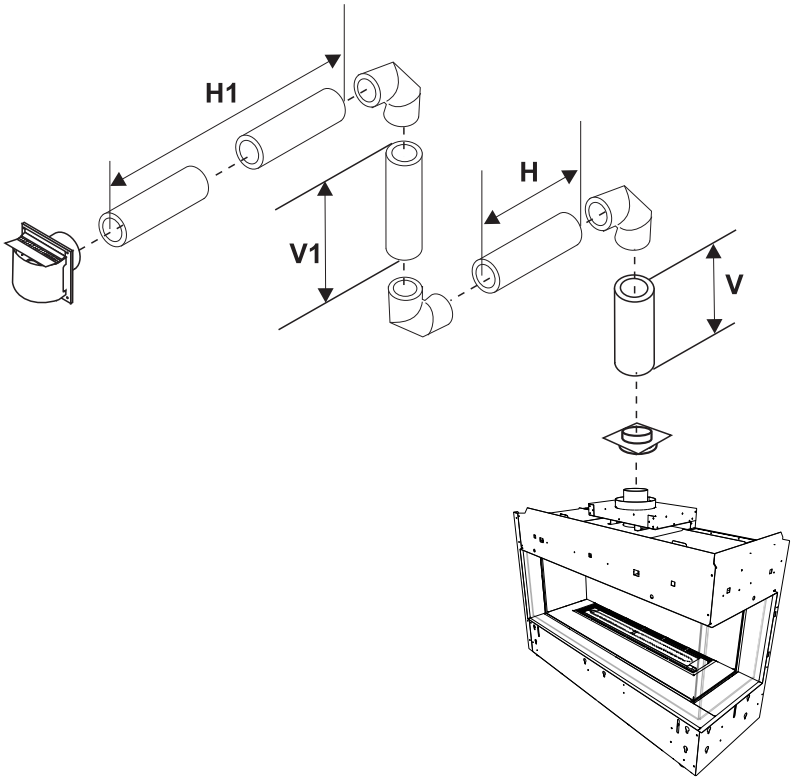


Diagram 1

Roof Pitch	Meters
flat to 7/12	0.61
over 7/12 to 8/12	0.61
over 8/12 to 9/12	0.61
over 9/12 to 10/12	0.76
over 10/12 to 11/12	0.99
over 11/12 to 12/12	1.22
over 12/12 to 14/12	1.52
over 14/12 to 16/12	1.83
over 16/12 to 18/12	2.13
over 18/12 to 20/12	2.29
over 20/12 to 21/12	2.44

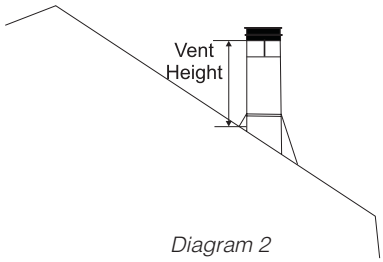


Diagram 2

WARNING:

Do not combine venting components from different venting systems.

Use of the the AstroCap™ and FPI Riser is acceptable with all systems.

This product has been evaluated by Intertek for using a Rigid Pipe Adaptor in conjunction with Duravent Direct-Flue, Selkirk Direct-Temp, Ameri Flue Direct Venting, ICC Excel Direct, Olympia Chimney, and Security Secure Flue systems. Use of these systems with the Rigid Pipe adaptor is deemed acceptable and does not affect the Intertek WHI listing of components.

When using Rigid Flue other than Simpson Dura-Flue, 3 screws must be used to secure rigid pipe to adaptor.

The FPI AstroCap™ and FPI Riser Flue terminal are certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Flue, American Metal Products Ameri Flue Direct Flue, Security Secure Vent®, ICC Excel, Selkirk Direct-Temp and Olympia Chimney. AstroCap™ is a proprietary trademark of FPI Fireplace Products International Ltd. Dura-Vent® and Direct Flue are registered and/or proprietary trademarks of Simpson Dura-Flue Co. Inc.

Vertical Terminations

Rigid Pipe 102mm x 175mm

- Two 45° elbows equal to one 90° elbow. Maximum of six 45° elbows allowed.
- Flue must be supported at offsets.
- Minimum distance between elbows is 305mm.
- Maintain clearances to combustibles as listed in the "Clearances" section.
- Horizontal flue must be supported every 0.9m.
- Firestops are required at each floor level and whenever passing through a wall.
- Must use optional rigid pipe adaptor (Part# 510-994 when using rigid pipe flue systems)

Vertical Flueing with Three (3) 90° Elbows

One 90° elbow = Two 45° elbows.

Option	V	H + H1	V + V1
	Min.	**Max.**	**Min.**
A)	0.3m	0.6m	0.9m
B)	0.6m	0.9m	1.2m
C)	0.9m	1.2m	1.8m
D)	1.2m	1.5m	2.1m
E)	1.5m	1.8m	2.4m
F)	1.8m	2.1m	2.7m
G)	2.1m	2.4m	3.0m
Lengths do not include elbow indicated			

With these options, max. total pipe length is 9.1m with min. of 3m total vertical and max. 2.4m total horizontal.

Please note min. 0.3m between 90° elbows is required.