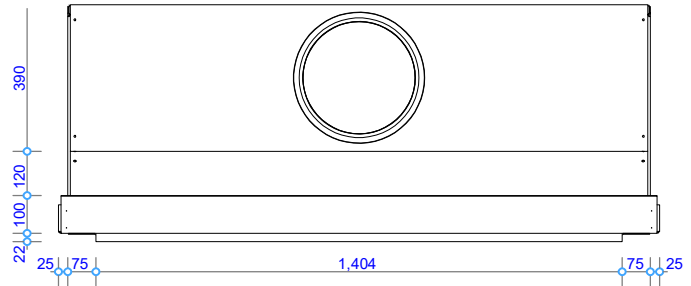


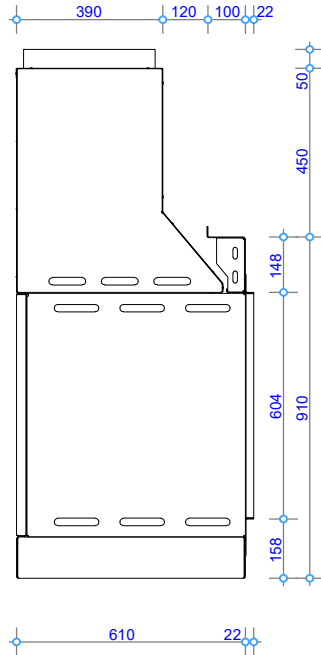


GD8 | 1400
EXPOSED BURNER
SPECIFICATIONS

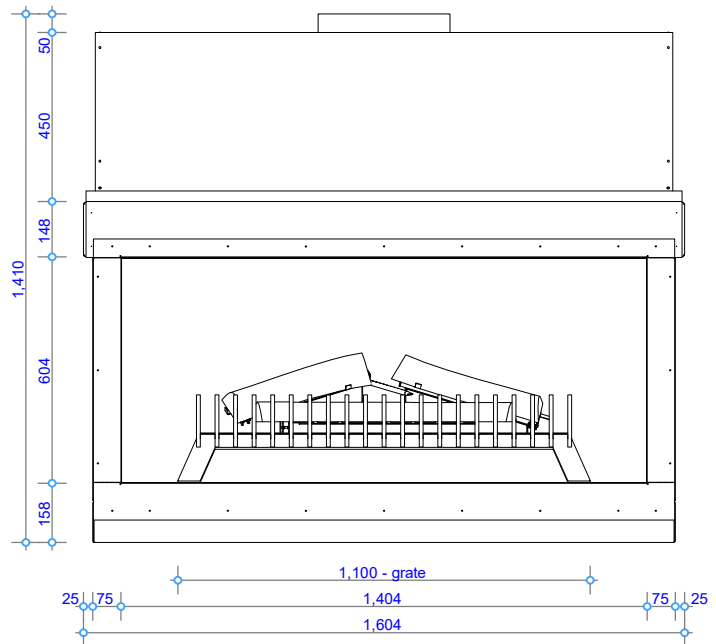
Information in this specification may be subject to change without notice. Please ensure you have the current version before beginning installation.



Plan View

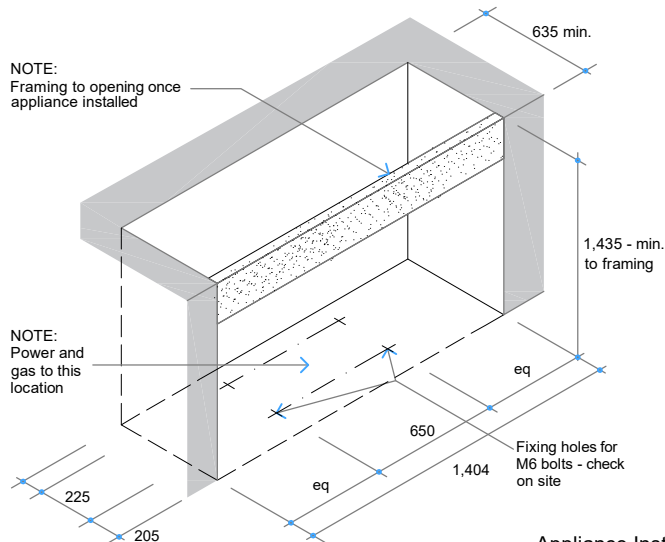


Side View



Front View

TOLERANCE = +/- 3mm



Appliance Installation - Trim Sizes
NOTE: Confirm fixing holes on site prior to drilling

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Client: THE FIRE DEPT.

Product: GD8-1400-Exposed Burner

Title: FIREBOX DIMENSIONS

Drawn: LB

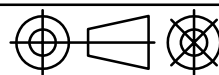
Date: 20/05/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

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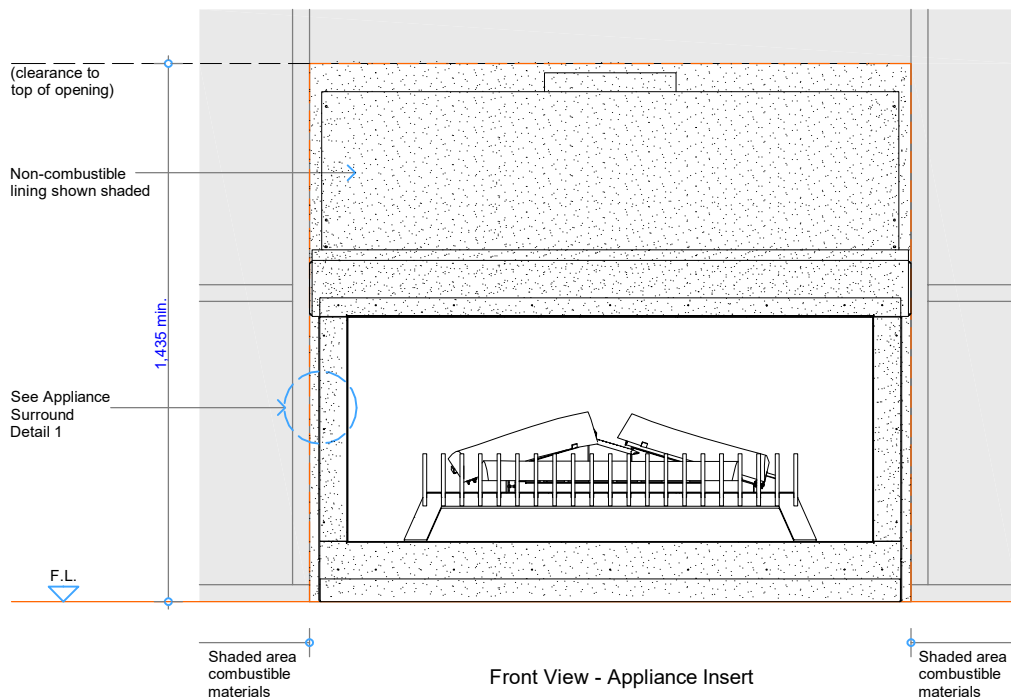
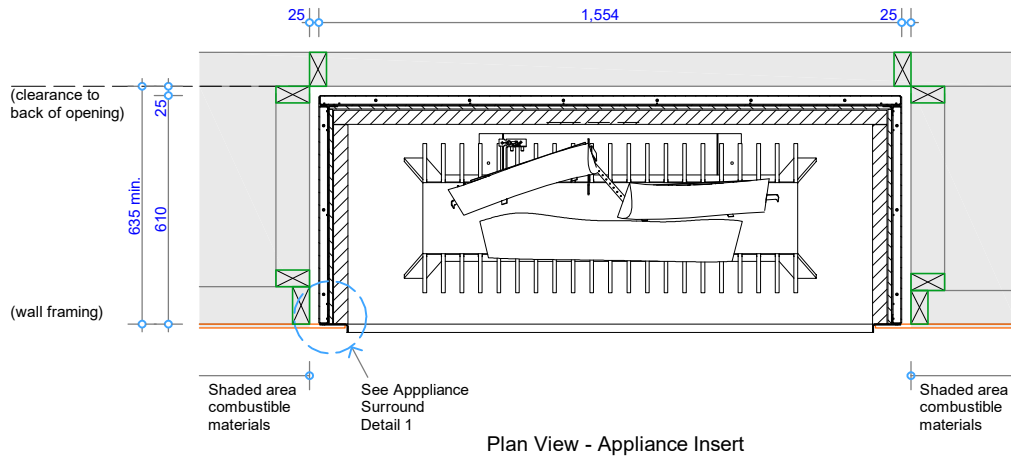
Drawing No.

GD8-1400-901EB

Sheet 01 of 11

Revision

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Product: GD8-1400-Exposed Burner

Title: CAVITY CLEARANCES

Drawn: LB

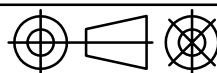
Date: 20/05/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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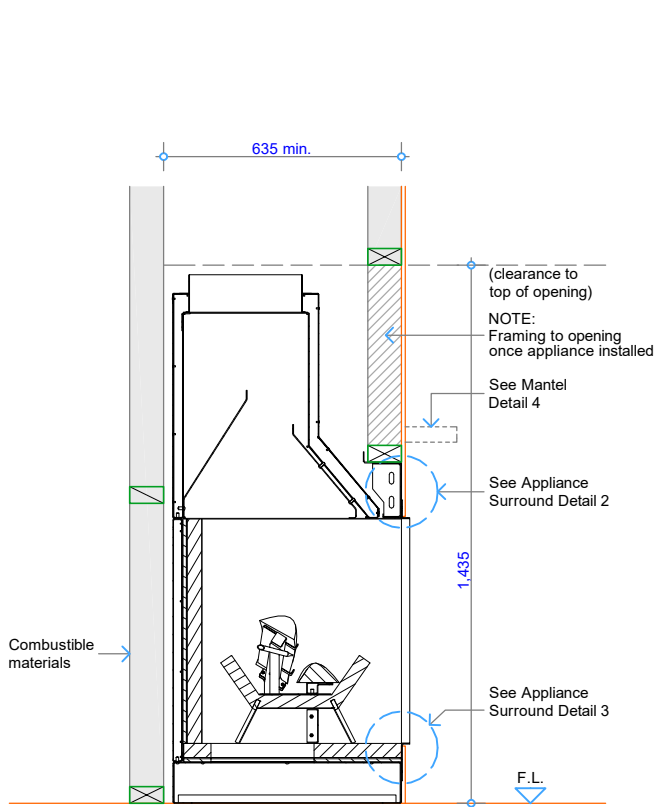
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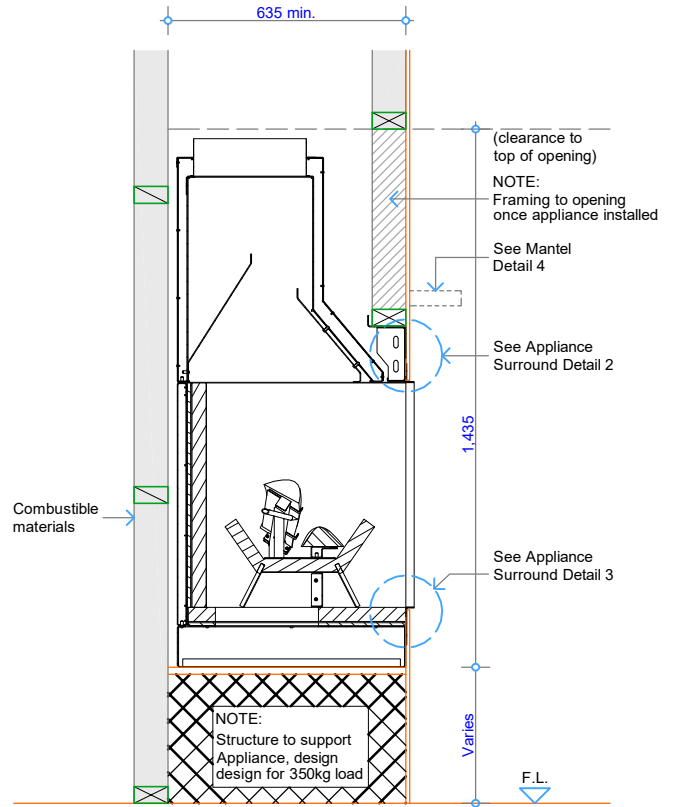
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Cross Section - Appliance Insert at Floor Level



Cross Section - Appliance Insert at Floor Level

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Title: CAVITY CLEARANCES

Drawn: LB

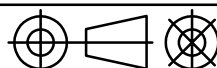
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Date: 08/05/2018



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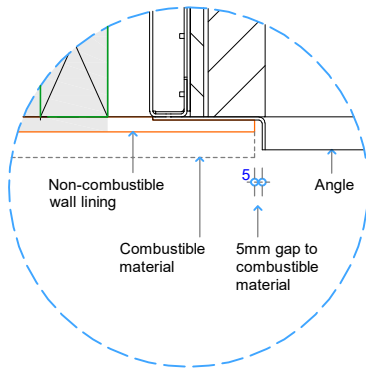
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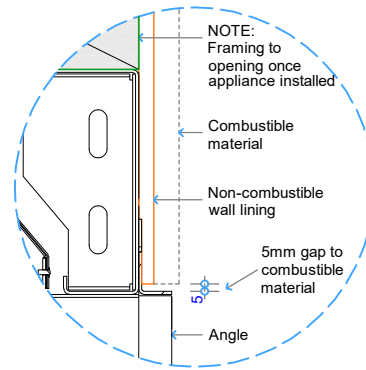
Sheet 03 of 11

Revision

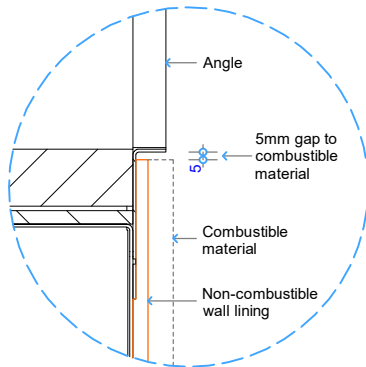
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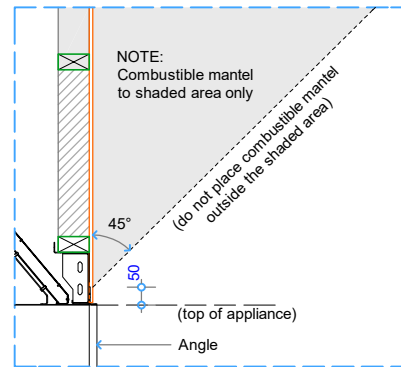
Detail 1 - Plan View Appliance Surround



Detail 2 - Top of Appliance to Combustible Materials



Detail 3 - Bottom of Appliance to Floor



Detail 4 - Top of Fire to Combustible Mantel

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Product: GD8-1400-Exposed Burner

Title: SURROUND DETAILS

Drawn: LB

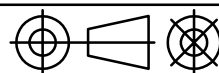
Date: 20/05/2020

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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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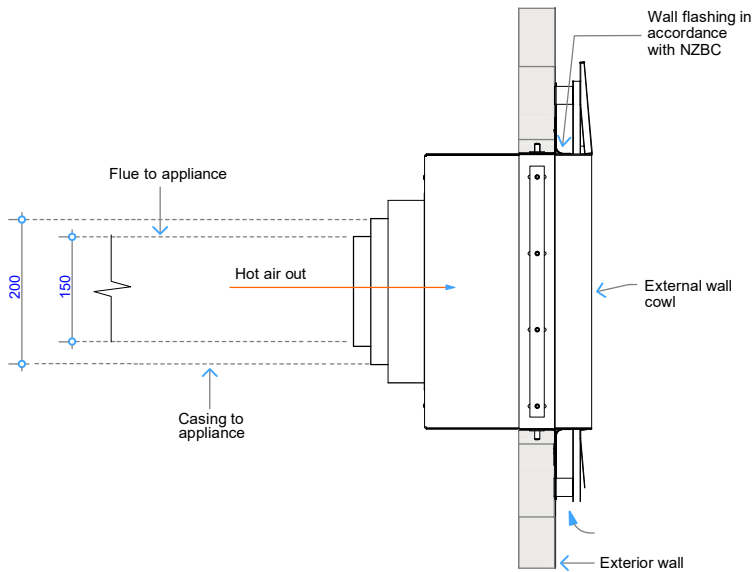
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GD8-1400-904EB

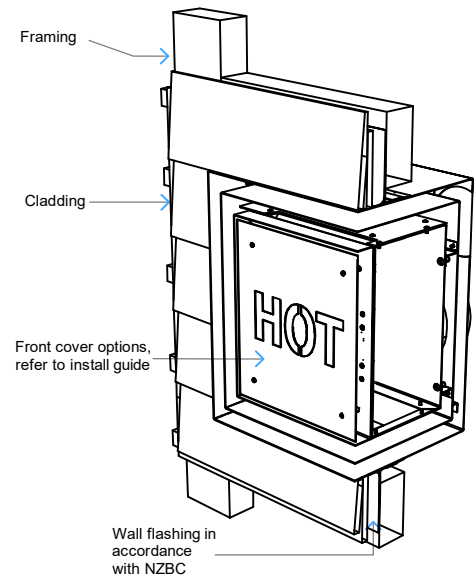
Sheet 04 of 11

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Detail - Air Ventilation through wall

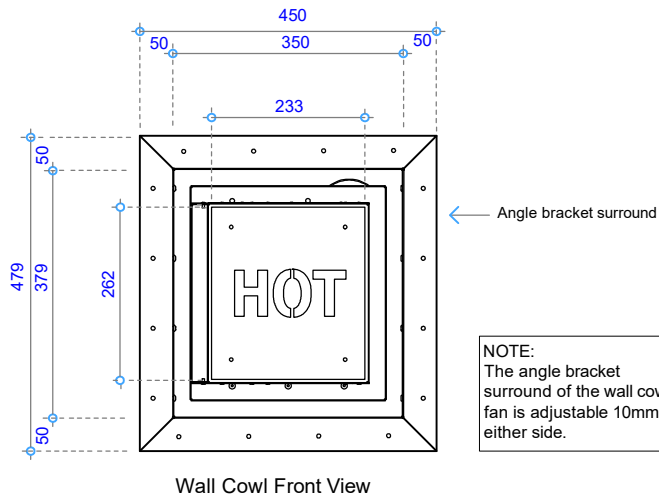


Detail - Wall cowl, vertical exit

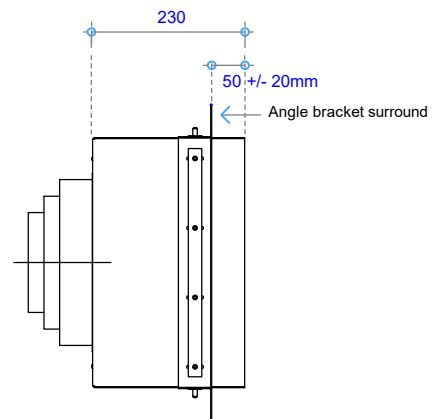
NOTE:

Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from appliance to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the appliance.
Each flue joint must be sealed with a heat proof sealer.
Each flue joint must have a minimum of 4 x riverts.
Flue to be adequately supported at 2.4m crs.

Flue components:
150mm dia. Flue
200mm dia. Casing
250mm dia. Spigot



Wall Cowl Front View



Wall Cowl Side View

NOTE:

The angle bracket surround of the wall cowl fan is adjustable 10mm to either side.

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Product: GD8-1400-Exposed Burner

Title: VERTICAL WALL COWL, EXIT DETAILS

Drawn: LB

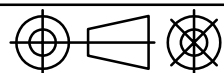
Date: 20/05/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

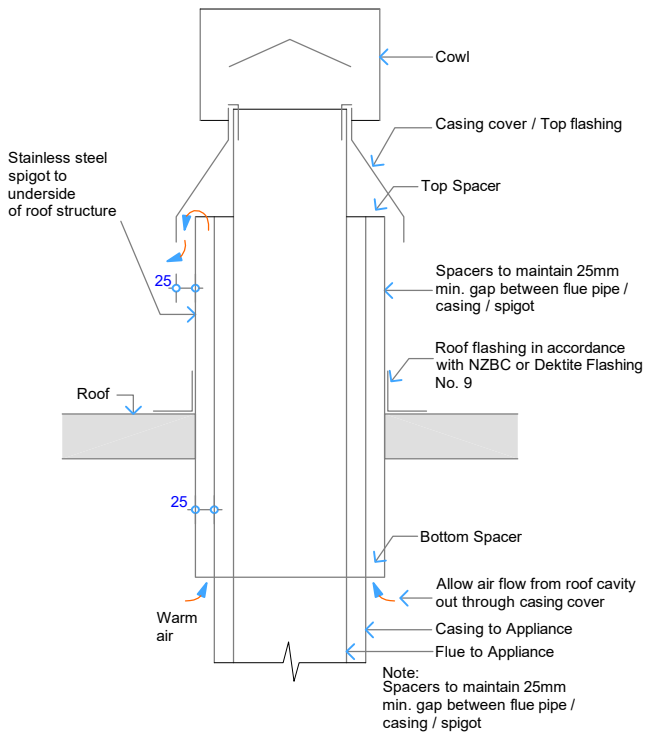
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Drawing No. **GD8-1400-905EB**

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Revision

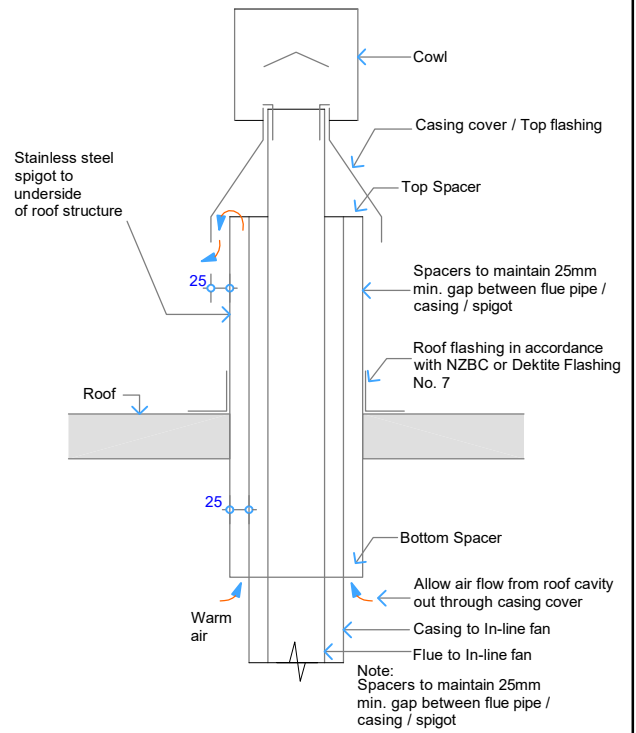
4



Detail - Air Ventilation through Casing cover/ Top flashing
- Without Fan

Flue components:
300mm dia. Flue
350mm dia. Casing
400mm dia. Spigot
Deklite Flashing No. 9

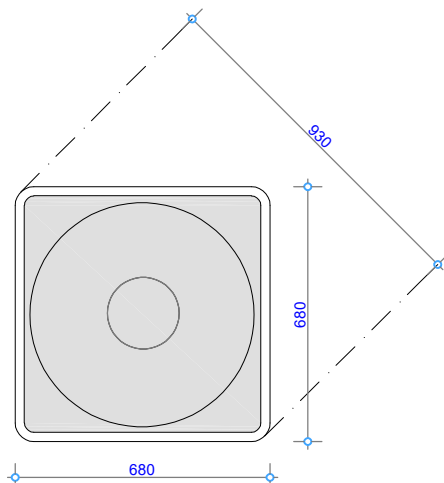
NOTE:
Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from fan to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the appliance.
Each flue joint must be sealed with a heat proof sealer.
Each flue joint must have a minimum of 4 x rivets.
Flue to be adequately supported at 2.4m crs.



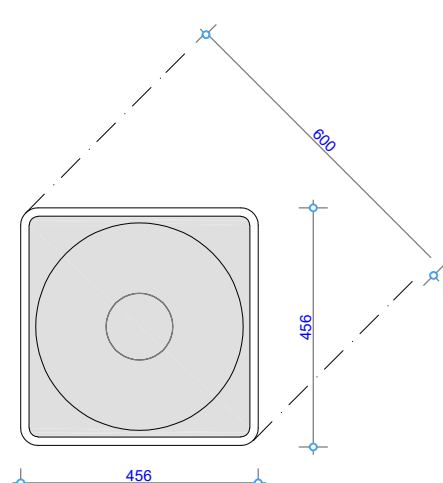
Detail - Air Ventilation through Casing cover/ Top flashing
- With Fan

Flue components (from Appliance to Fan):
300mm dia. Flue
350mm dia. Casing
400mm dia. Spigot

Flue components (from Fan to Flue Exit):
150mm dia. Flue
200mm dia. Casing
250mm dia. Spigot
Deklite Flashing No. 7



Deklite Flashing No. 9 - Plan View



Deklite Flashing No. 7 - Plan View

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Title: VERTICAL FLUE EXIT DETAILS

Drawn: LB

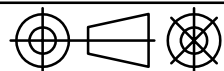
Date: 20/05/2020

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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



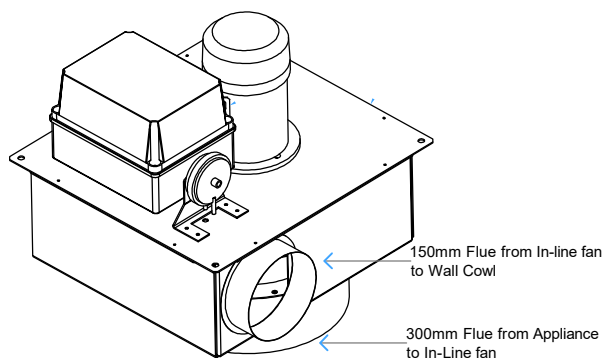
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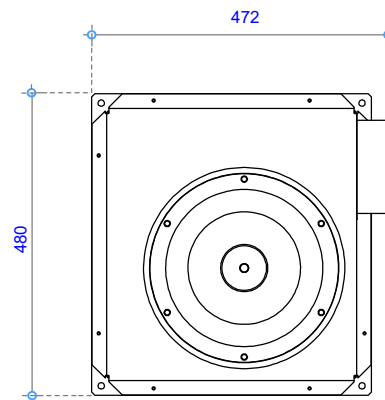
Sheet 06 of 11

Revision 4

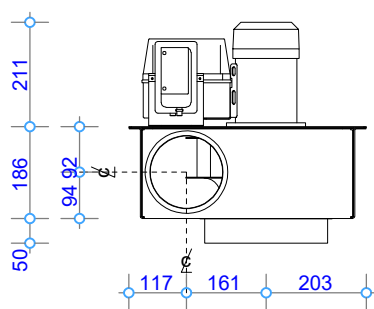


Detail - In-Line Fan

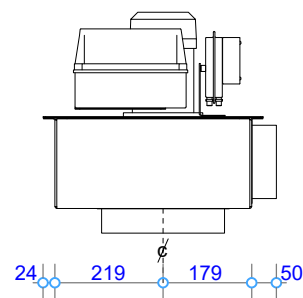
NOTE: Requires access hatch for maintenance



Detail-In-Line Fan Top view



Detail - In-Line Fan - Front view



Detail - In-line Fan Side view

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Product: GD8-1400-Exposed Burner

Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS

Drawn: LB

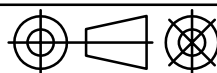
Date: 20/05/2020

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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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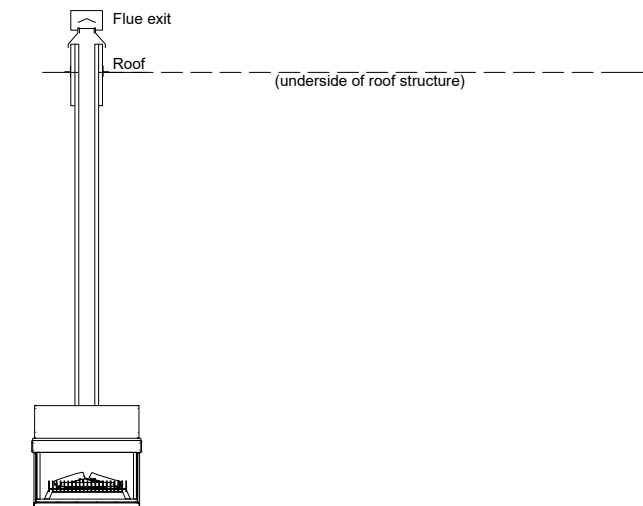
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Drawing No. **GD8-1400-907EB**

Sheet 07 of 11

Revision

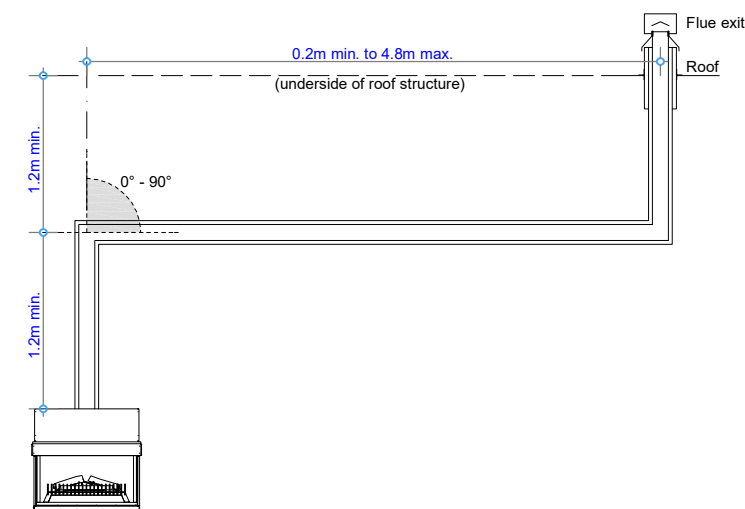
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Vertical Flue Combination GD8A

NOTE:

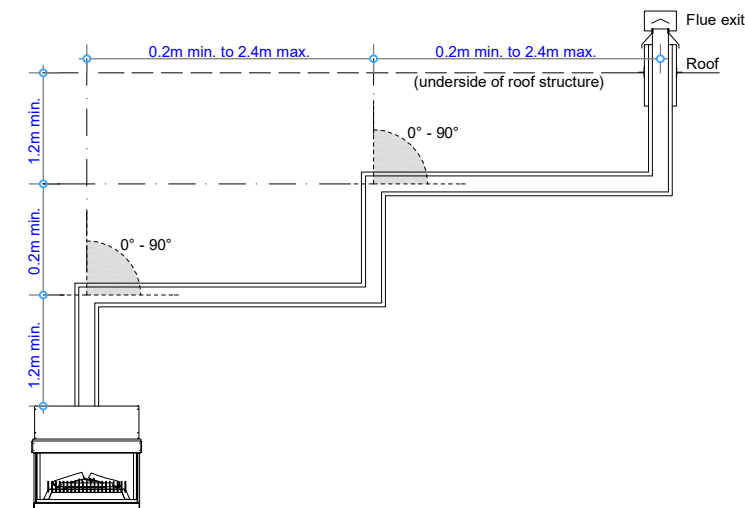
Flue components must be installed to AS/NZS5601 requirements.
 All external penetration flashings must be installed in accordance with NZBC.
 Cavity airflow must be unobstructed from appliance to flue termination.
 25mm clearance between flue and combustible materials.
 75mm clearance between flue and wiring / plastic water pipes.
 Each flue joint must be sealed with a heat proof sealer.
 Each flue joint must have a minimum of 4 x rivets.
 Flue to be adequately supported at 2.4m crs.



Vertical Flue Combination GD8B

NOTE:

Flue components must be installed to AS/NZS5601 requirements.
 All external penetration flashings must be installed in accordance with NZBC.
 Cavity airflow must be unobstructed from appliance to flue termination.
 25mm clearance between flue and combustible materials.
 75mm clearance between flue and wiring / plastic water pipes.
 Horizontal flue run must fall 20mm for every 1000mm towards the appliance.
 Each flue joint must be sealed with a heat proof sealer.
 Each flue joint must have a minimum of 4 x rivets.
 Flue to be adequately supported at 2.4m crs.



Vertical Flue Combination GD8C

NOTE:

Flue components must be installed to AS/NZS5601 requirements.
 All external penetration flashings must be installed in accordance with NZBC.
 Cavity airflow must be unobstructed from appliance to flue termination.
 25mm clearance between flue and combustible materials.
 75mm clearance between flue and wiring / plastic water pipes.
 Horizontal flue run must fall 20mm for every 1000mm towards the appliance.
 Each flue joint must be sealed with a heat proof sealer.
 Each flue joint must have a minimum of 4 x rivets.
 Flue to be adequately supported at 2.4m crs.

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Title: VERTICAL FLUE COMBINATION OPTIONS - WITHOUT FAN

Drawn: LB

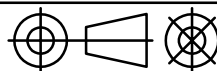
Date: 20/05/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



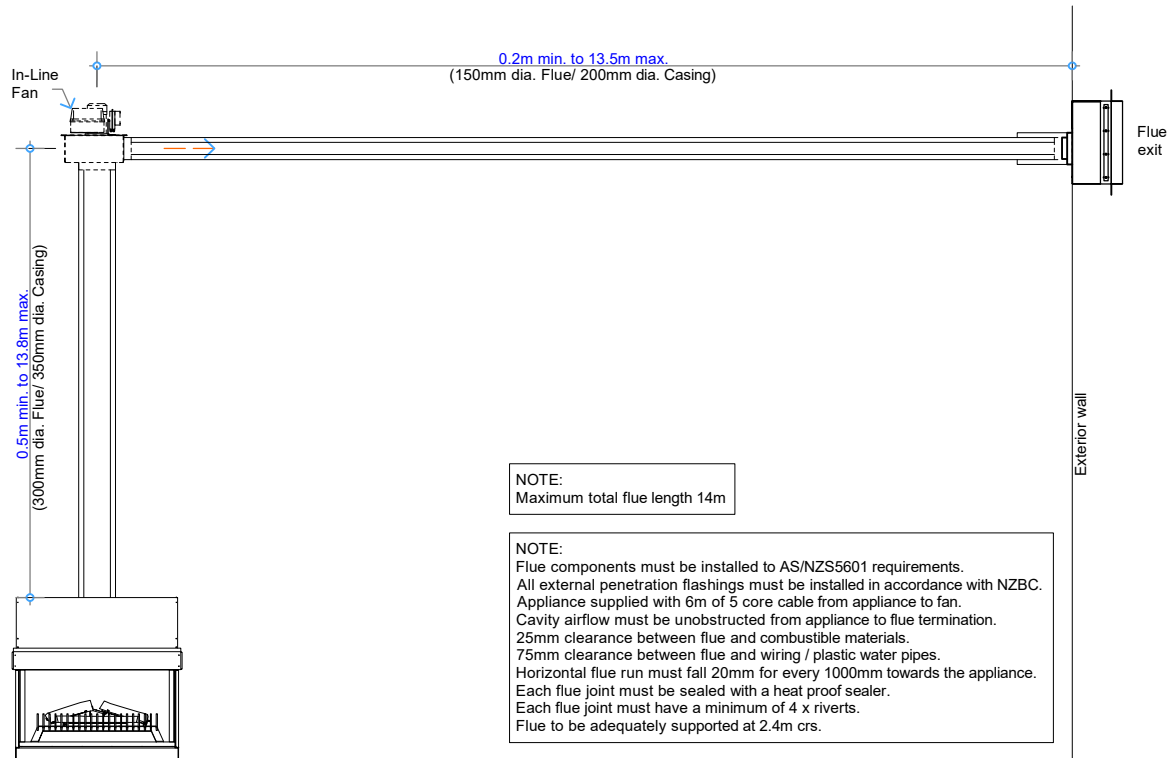
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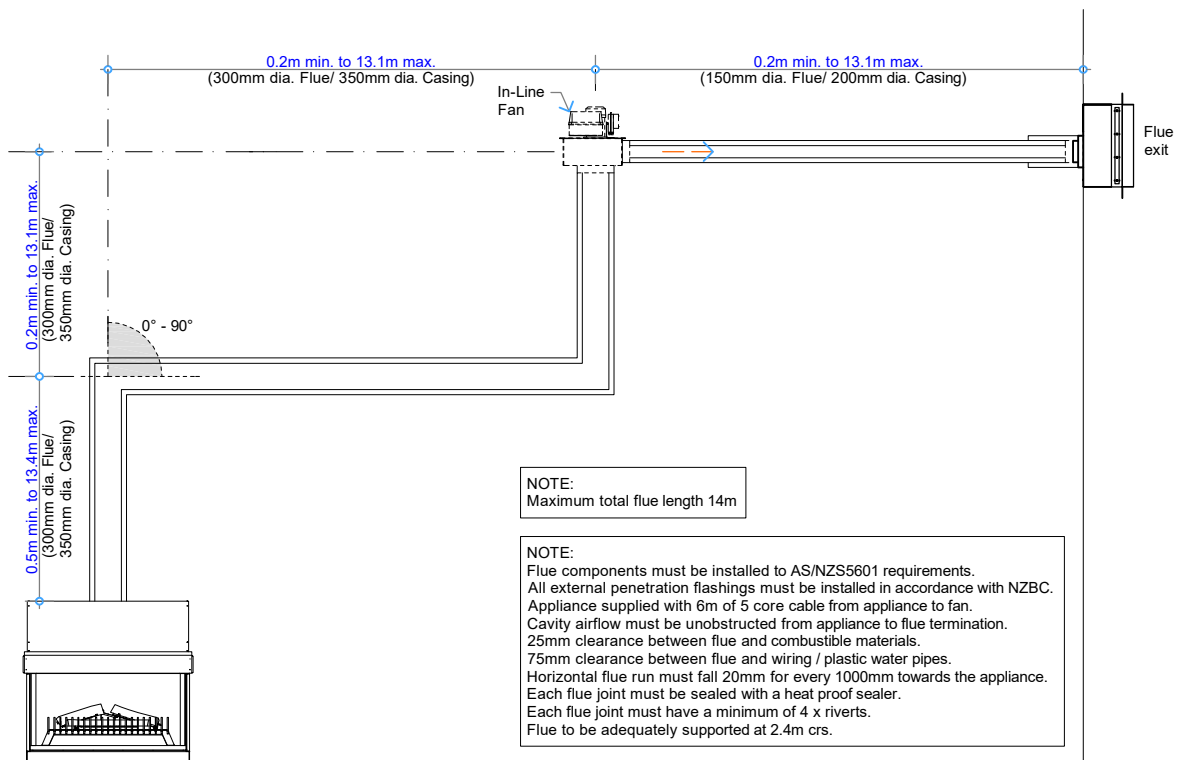
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Horizontal Flue Combination GD8D



Horizontal Flue Combination GD8E

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Title: HORIZONTAL FLUE COMBINATION OPTIONS

Drawn: LB

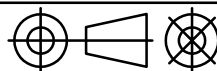
Date: 20/05/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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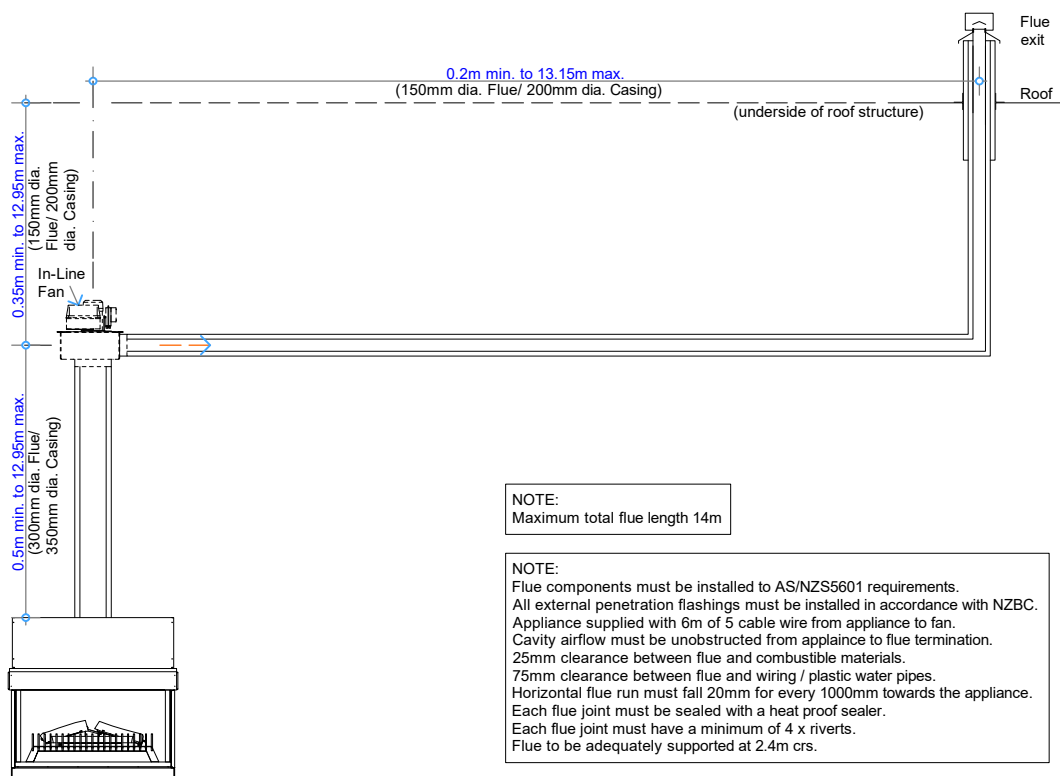
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Drawing No. **GD8-1400-909EB**

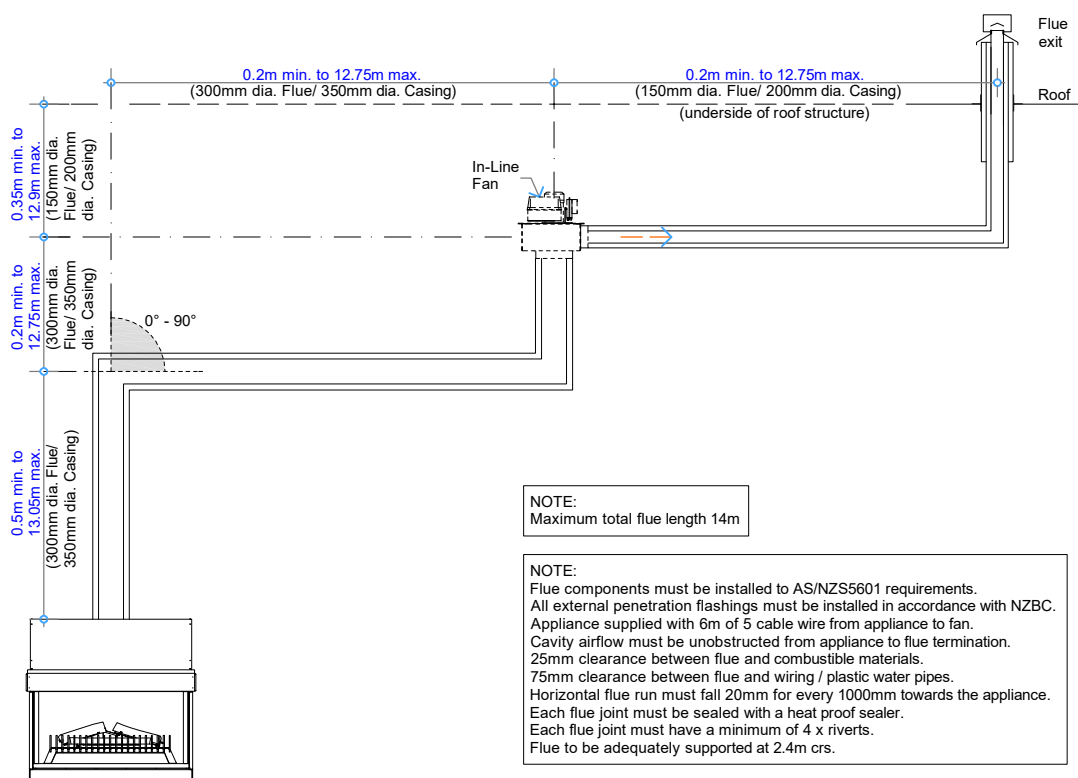
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Revision

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Vertical Flue Combination GD8F



Vertical Flue Combination GD8G

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Product: GD8-1400-Exposed Burner

Title: VERTICAL FLUE COMBINATION OPTIONS

Drawn: LB

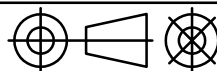
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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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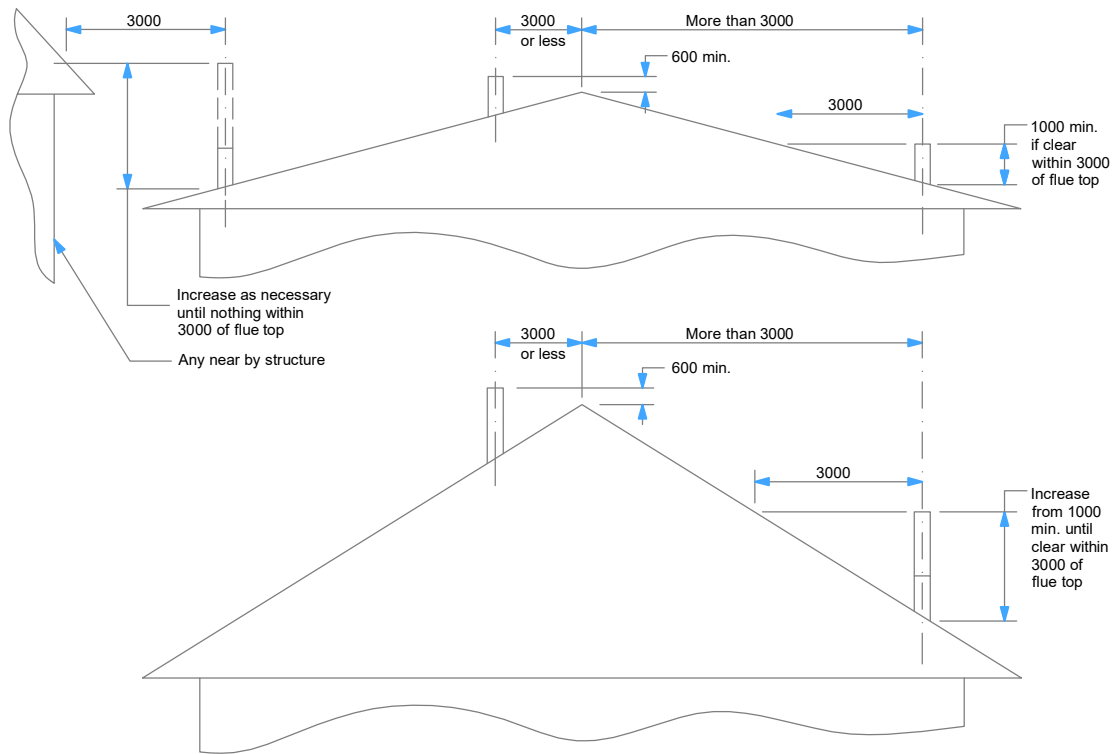
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Drawing No. **GD8-1400-910EB**

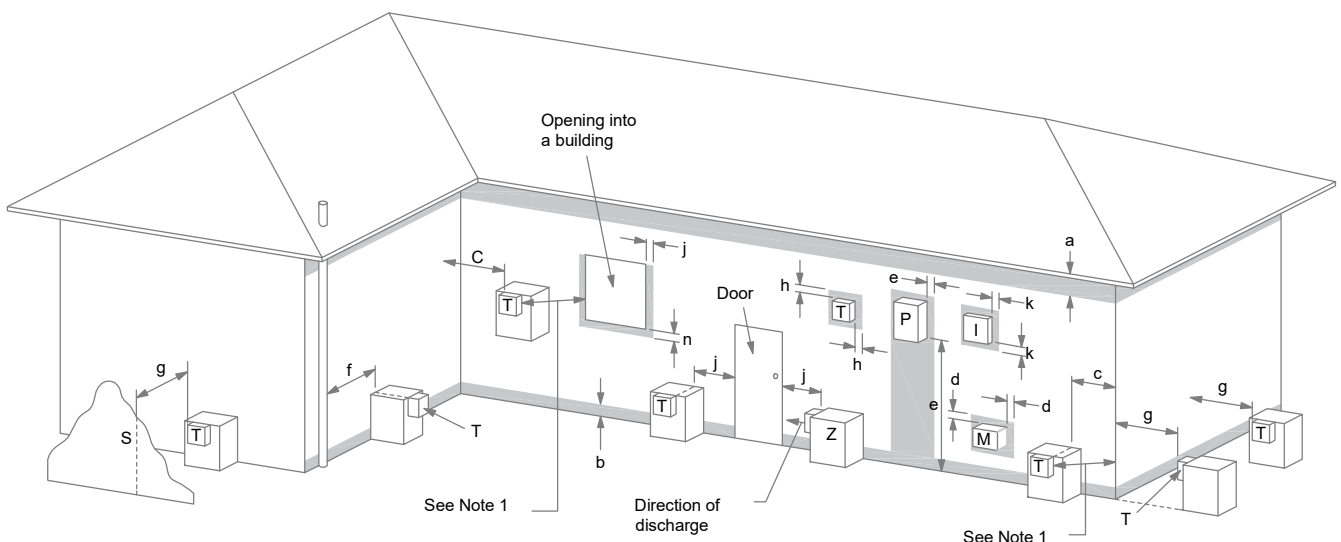
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Revision

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Minimum Height of Flue System Exit
Or as per AS/NZS 5601



LEGEND:

I = Mechanical air inlet
M = Gas meter
P = Electricity meter or fuse box
S = Structure
T = Flue terminal
Z = Fan-assisted appliance only

a = 200
b = 300
c = 300
d = 1000
e = 500
f = 75
g = 500
h = 300
j = 300 (at window) & 1500 (fan-assisted appliance by the door)
k = 1000
n = 500

NOTES:

1 Where dimensions c, j or k cannot be achieved an equivalent horizontal distance measured diagonally from the nearest discharge point of the terminal to the opening may be deemed by the Technical Regulator to comply.

Shading indicates prohibited area for flue terminals

Location of Flue Terminals of Balanced Flue,
Room-Sealed, Fan-Assisted or Outdoor Appliances

NOTE: To be read in conjunction with AS/NZS 5601.1:2013

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Title: FLUE EXIT CLEARANCES

Drawn: LB

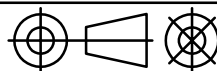
Date: 20/05/2020

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Date: 08/05/2018

Appd: JW

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Drawing No. **GD8-1400-911EB**

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