



**GD8 | 1600**  
**RECESSED BURNER**  
**SPECIFICATIONS**

Technical drawing of the front view of a rectangular plate with a central circular hole. The drawing includes the following dimensions:

- Overall width: 1,804
- Overall height: 390
- Hole diameter: 120
- Hole offset from top edge: 22
- Hole offset from bottom edge: 100
- Hole offset from left edge: 25
- Hole offset from right edge: 75
- Distance from hole center to bottom edge: 1,604
- Base flange height: 25

Technical drawing of a rectangular box with dimensions:

- Top edge segments: 390, 120, 100, 22
- Right edge segments: 49, 450, 148, 504, 870, 218
- Bottom edge segments: 610, 22

Technical drawing of the front elevation of a wooden cabinet. The drawing shows a cabinet with a large upper panel, a central drawer unit, and a lower panel. Dimensions are provided in millimeters (mm).

**Vertical Dimensions (mm):**

- Total height: 1,370
- Upper panel height: 504
- Drawer unit height: 218
- Lower panel height: 148
- Top panel height: 50

**Horizontal Dimensions (mm):**

- Total width: 1,804
- Upper panel width: 1,604
- Drawer unit width: 75
- Lower panel width: 25

TOLERANCE = +/- 3mm

**NOTE:**  
Framing to opening once  
appliance installed

**NOTE:**  
Power and gas to this  
location

635 min.

1,435 min.  
to framing

eq

650

1,804

225

205

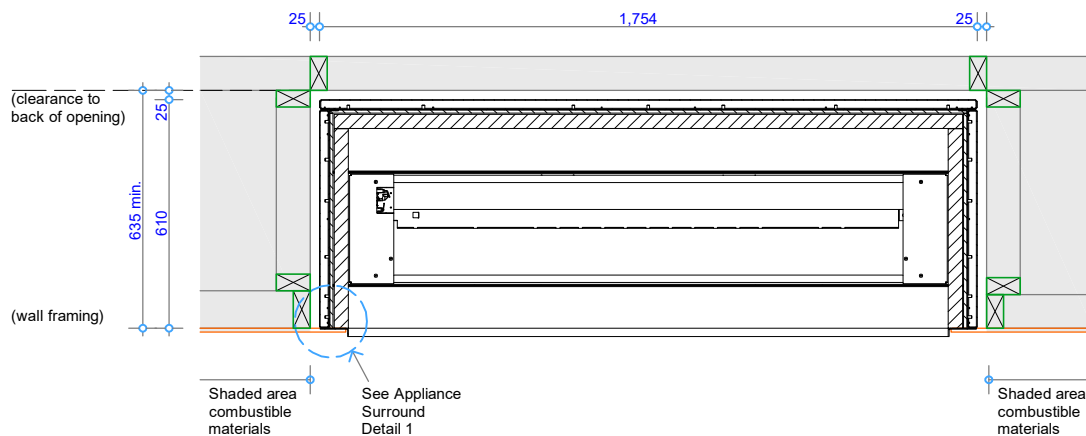
eq

Fixing holes for  
M6 bolts - check  
on site

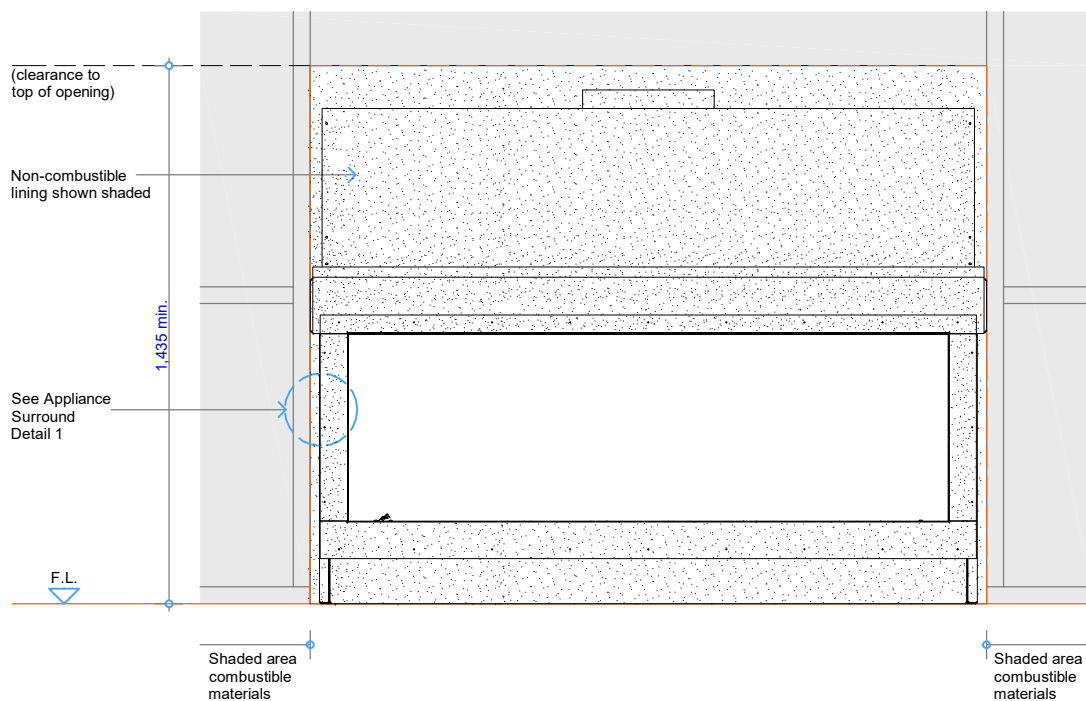
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1

**THE FIRE DEPT.**  
HAND CRAFTED FIRES



Plan View - Appliance Insert



Front View - Appliance Insert

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Client: THE FIRE DEPT.

Product: GD8-1600-Recessed Burner

Title: CAVITY CLEARANCES

Drawn: LB

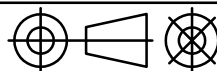
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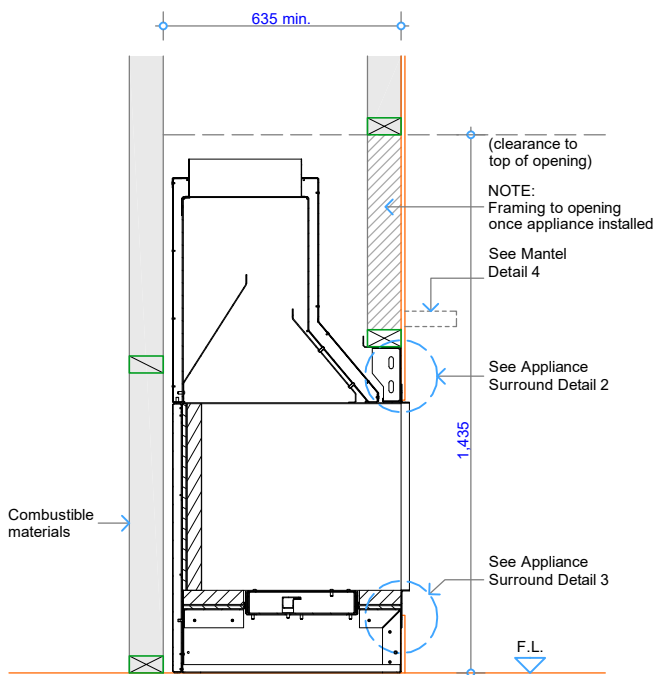
Drawing No.

**GD8-1600-902RB**

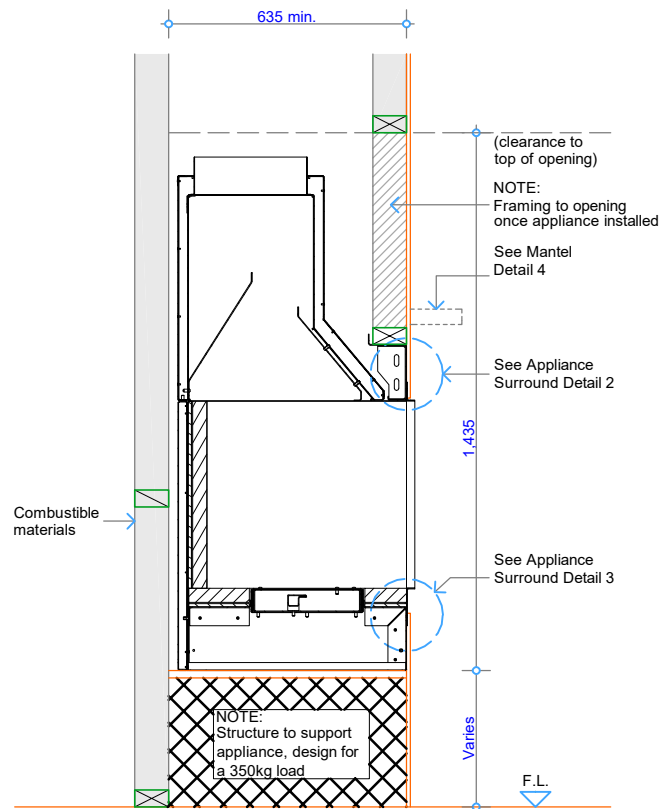
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Cross Section - Appliance Insert at Floor Level



Cross Section - Appliance Insert at Floor Level  
NOTE: Plinth height can vary to suit

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Product: GD8-1600-Recessed Burner

Title: CAVITY CLEARANCES

Drawn: LB

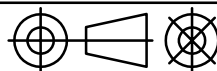
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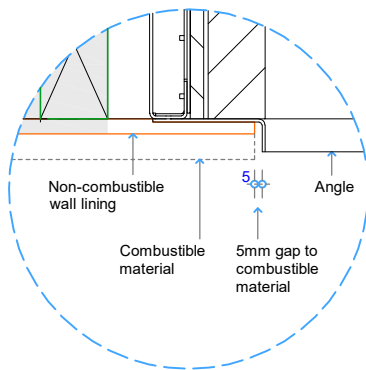
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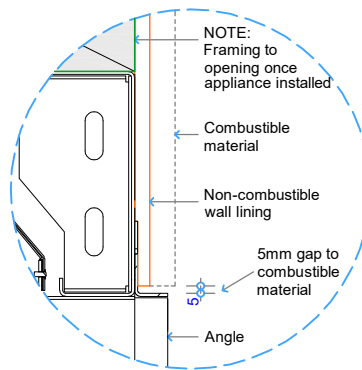
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Revision

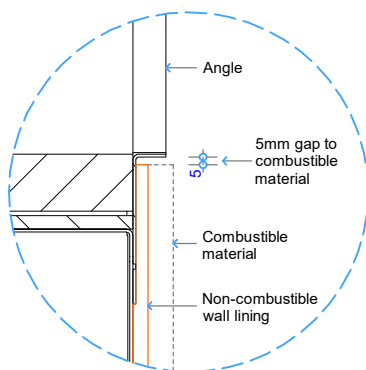
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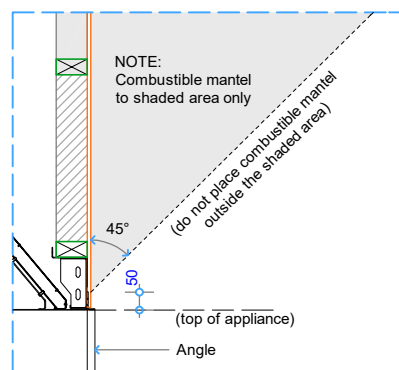
Detail 1 - Plan View Appliance Surround



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: GD8-1600-Recessed Burner

Title: SURROUND DETAILS

Drawn: LB

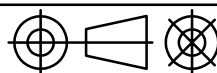
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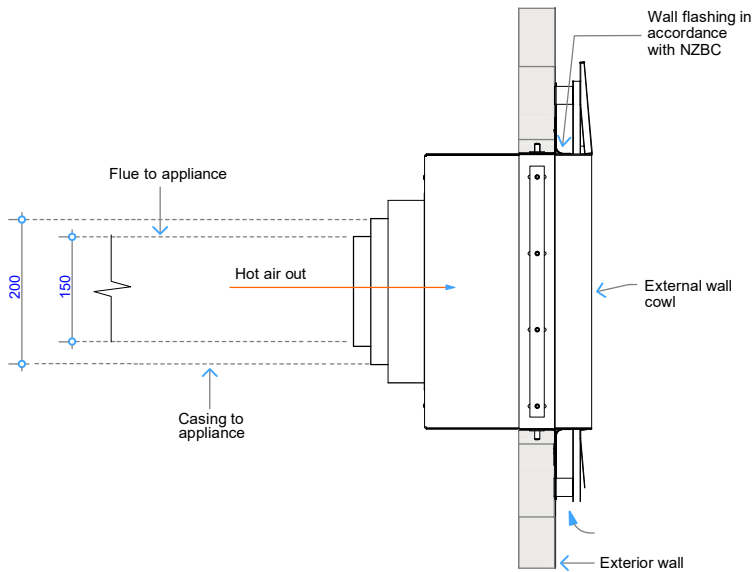
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Drawing No. **GD8-1600-904RB**

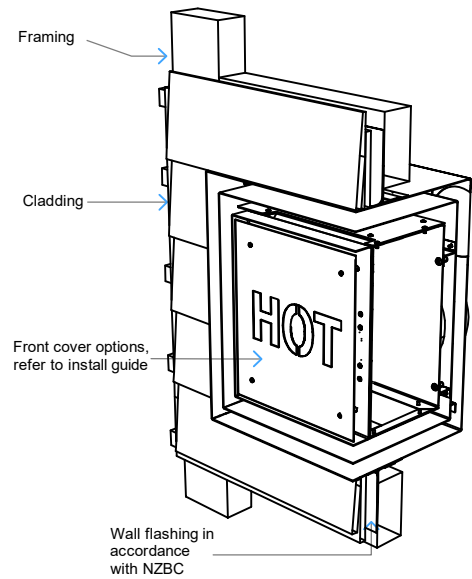
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Detail - Air Ventilation through wall

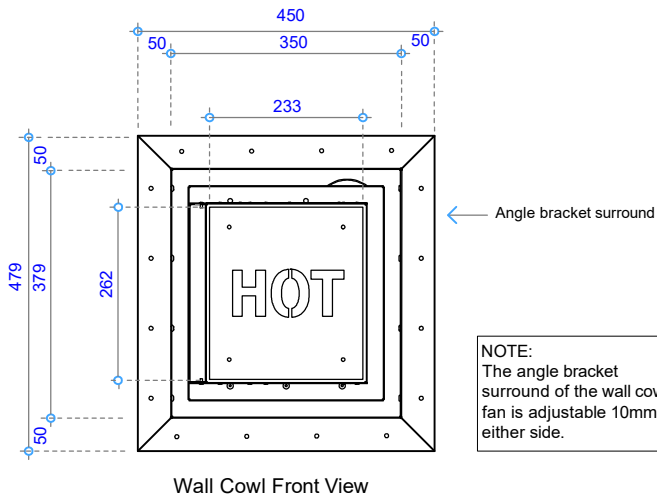


Detail - Wall cowl, vertical exit

**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 rivets.  
Flue to be adequately supported at 2.4m crs.

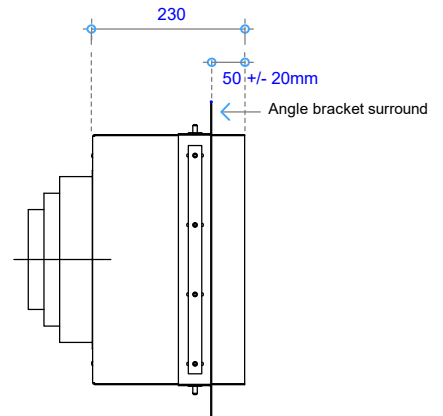
Flue components:  
150mm dia. Flue  
200mm dia. Casing  
250mm dia. Spigot



Wall Cowl Front View

**NOTE:**

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



Wall Cowl Side View

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Product: GD8-1600-Recessed Burner

Title: VERTICAL WALL COWL, EXIT DETAILS

Drawn: LB

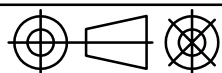
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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



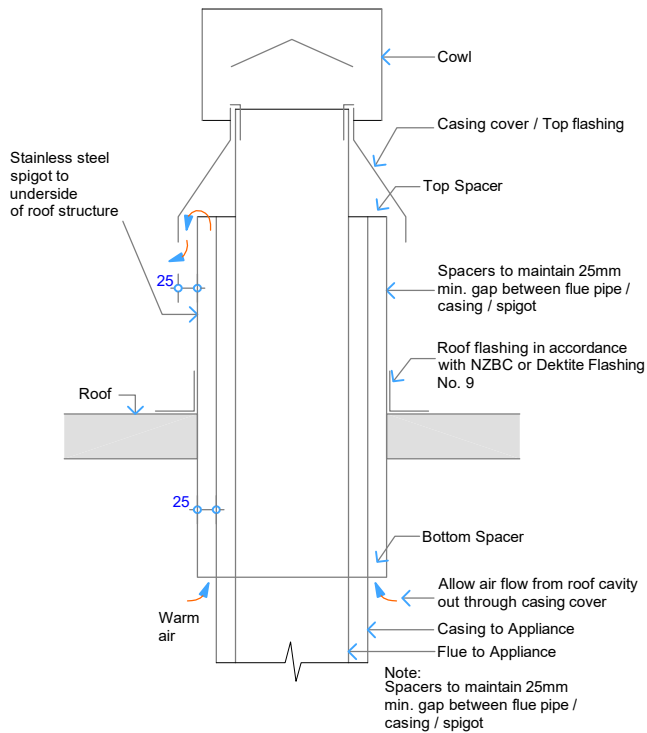
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HAND CRAFTED FIRES

Drawing No. **GD8-1600-905RB**

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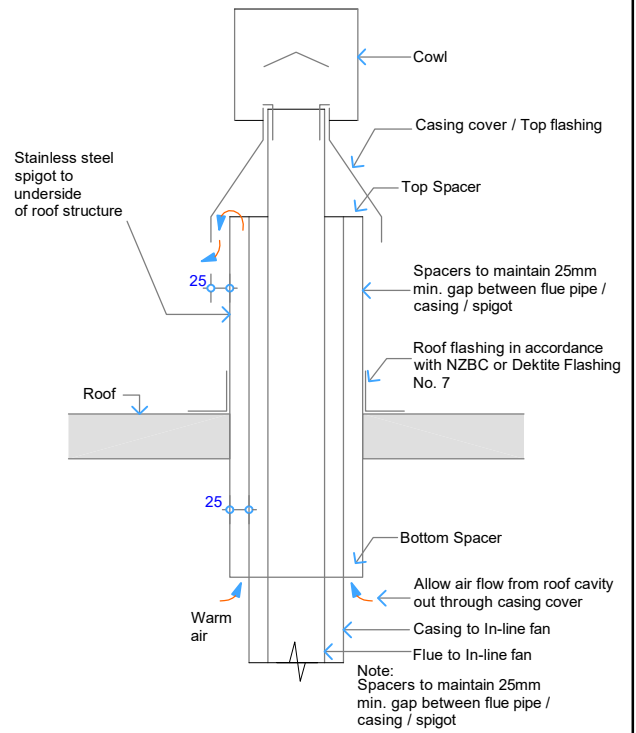
Revision **4**



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

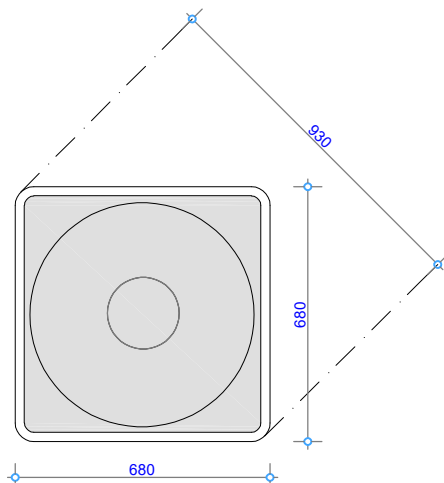
NOTE:  
Flue components must be installed to AS/NZS5601 requirements.  
All external penetration flashings must be installed in accordance with NZBC.  
Appliance supplied with 6m of 5 core cable from appliance to fan.  
Cavity airflow must be unobstructed from appliance to flue termination.  
25mm clearance 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.



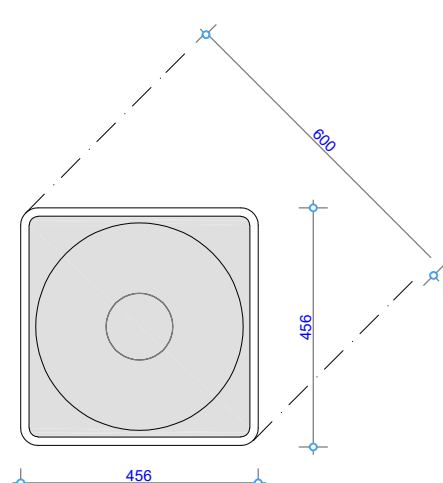
Detail - Air Ventilation through Casing cover/ Top flashing  
- With Fan

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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Product: GD8-1600-Recessed Burner

Title: VERTICAL FLUE EXIT DETAILS

Drawn: LB

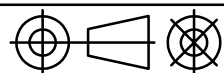
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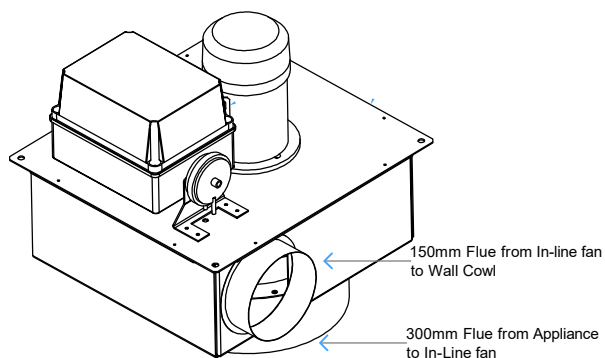
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HAND CRAFTED FIRES

Drawing No. **GD8-1600-906RB**

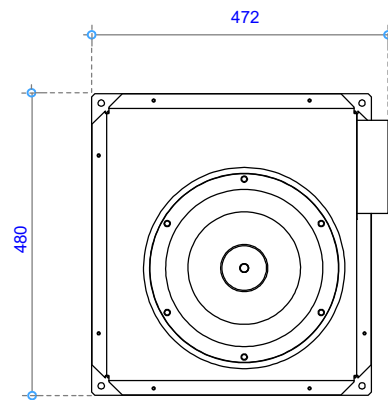
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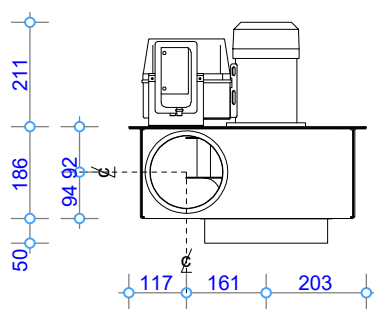


Detail - In-Line Fan

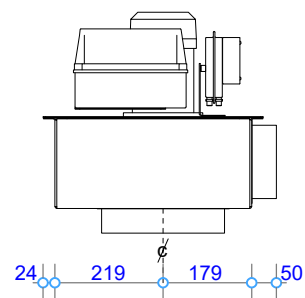
NOTE: Requires access hatch for maintenance



Detail-In-Line Fan Top view



Detail - In-Line Fan - Front view



Detail - In-line Fan Side view

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Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS

Drawn: LB

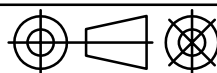
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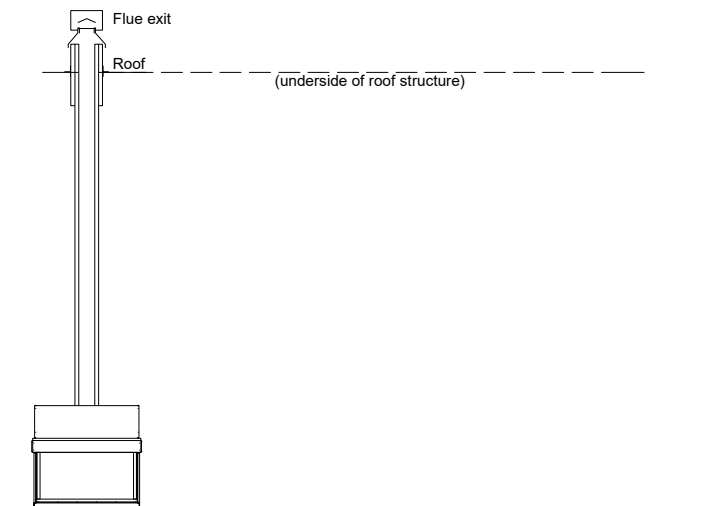
Drawing No. **GD8-1600-907RB**

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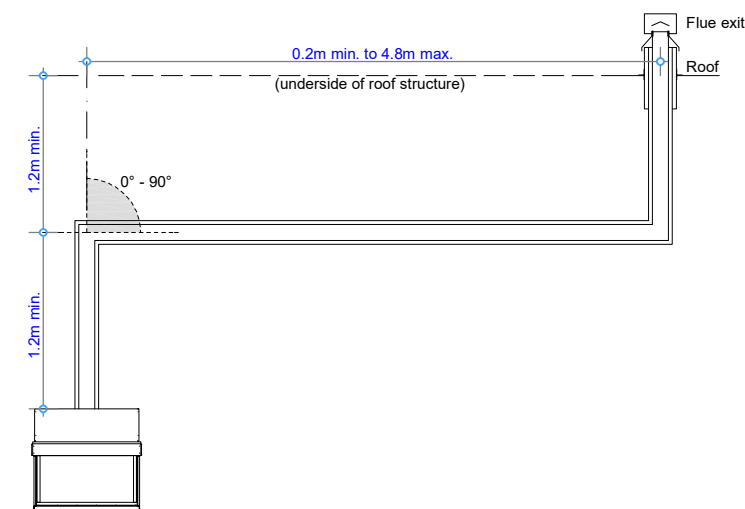




Vertical Flue Combination GD8A

**NOTE:**

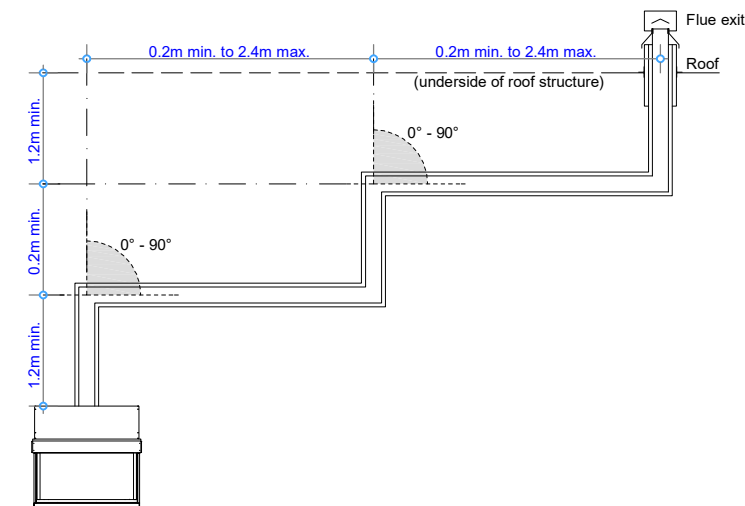
Flue components must be installed to AS/NZS5601 requirements.  
All external penetration flashings must be installed in accordance with NZBC.  
Cavity airflow must be unobstructed from appliance to flue termination.  
25mm clearance between flue and combustible materials.  
75mm clearance between flue 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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Client: THE FIRE DEPT.

Product: GD8-1600-Recessed Burner

Title: VERTICAL FLUE COMBINATION OPTIONS - WITHOUT FAN

Drawn: LB

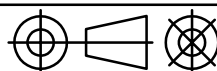
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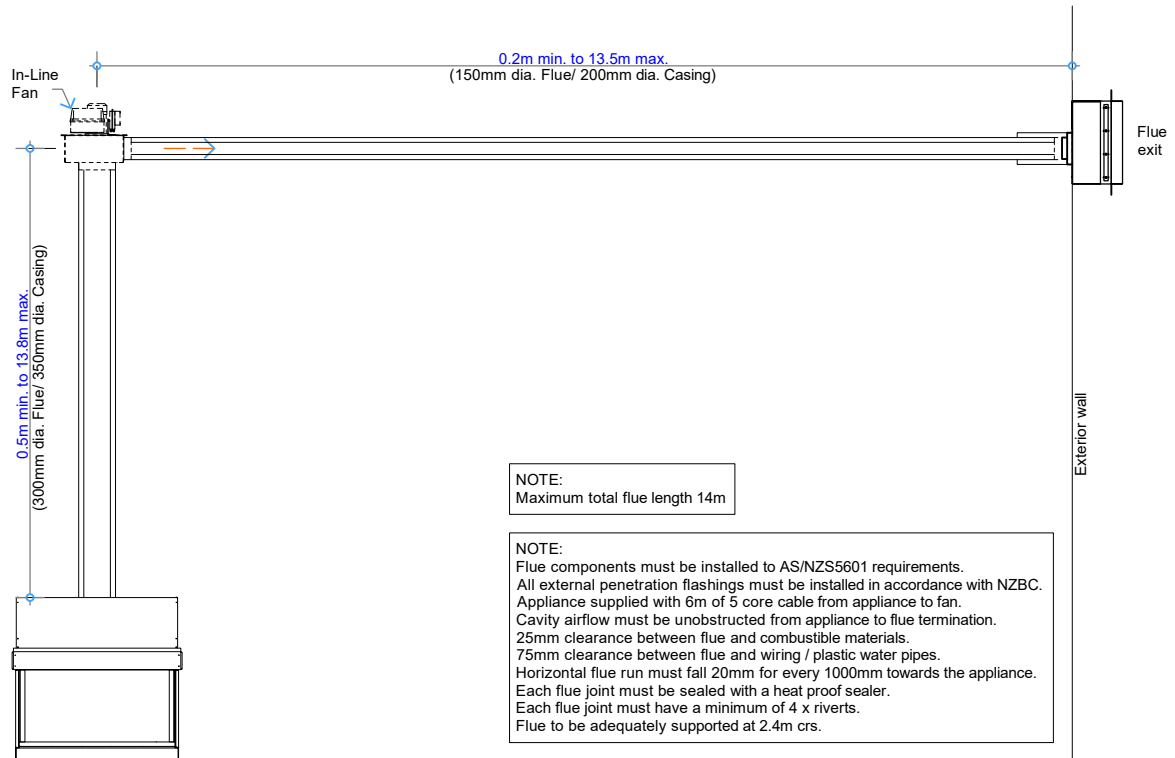
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HAND CRAFTED FIRES

Drawing No. **GD8-1600-908RB**

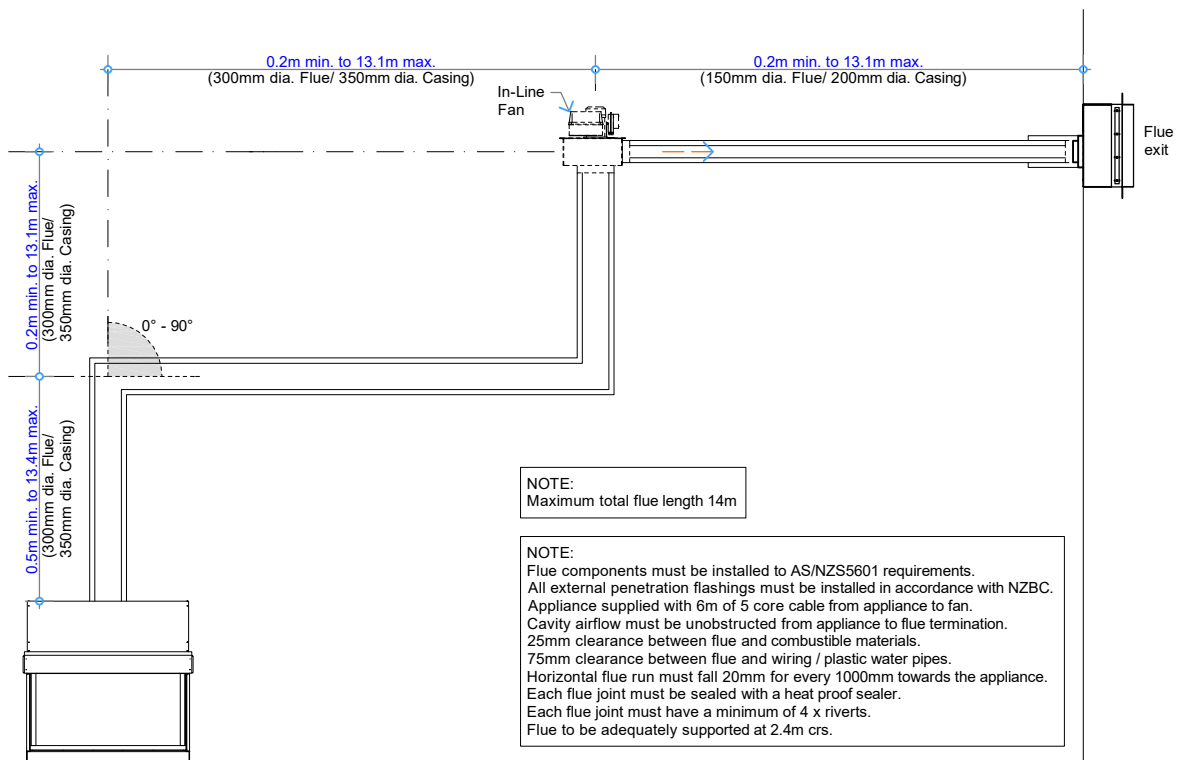
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Horizontal Flue Combination GD8D



Horizontal Flue Combination GD8E

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Title: HORIZONTAL FLUE COMBINATION OPTIONS

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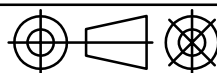
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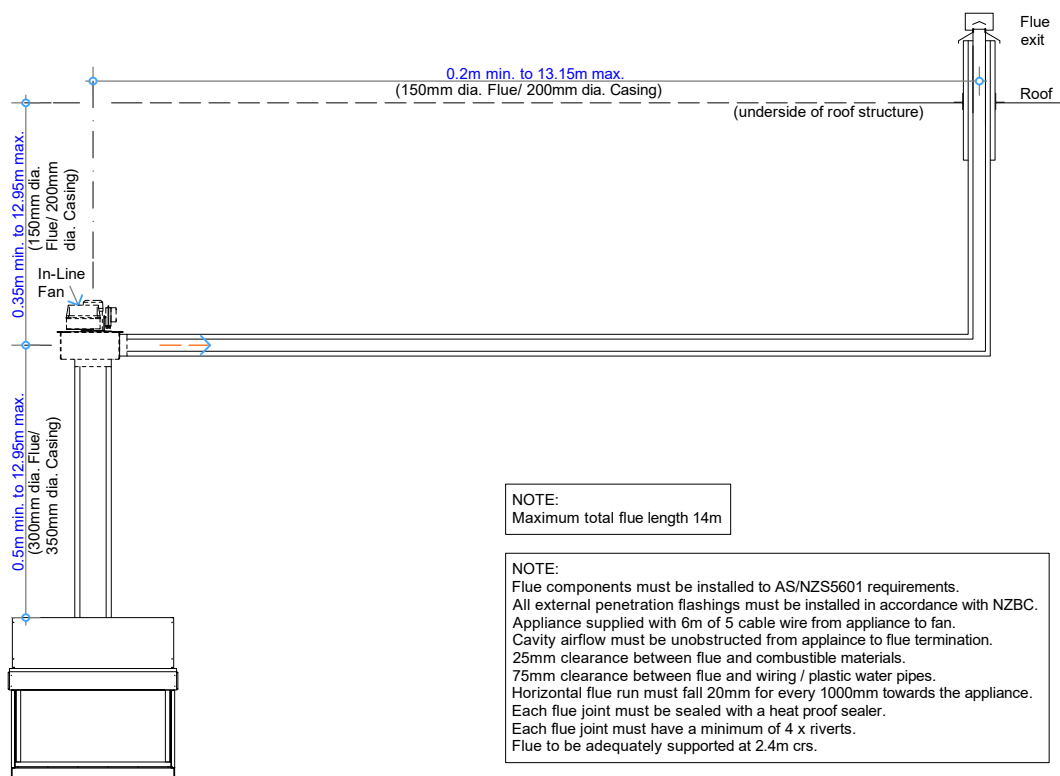
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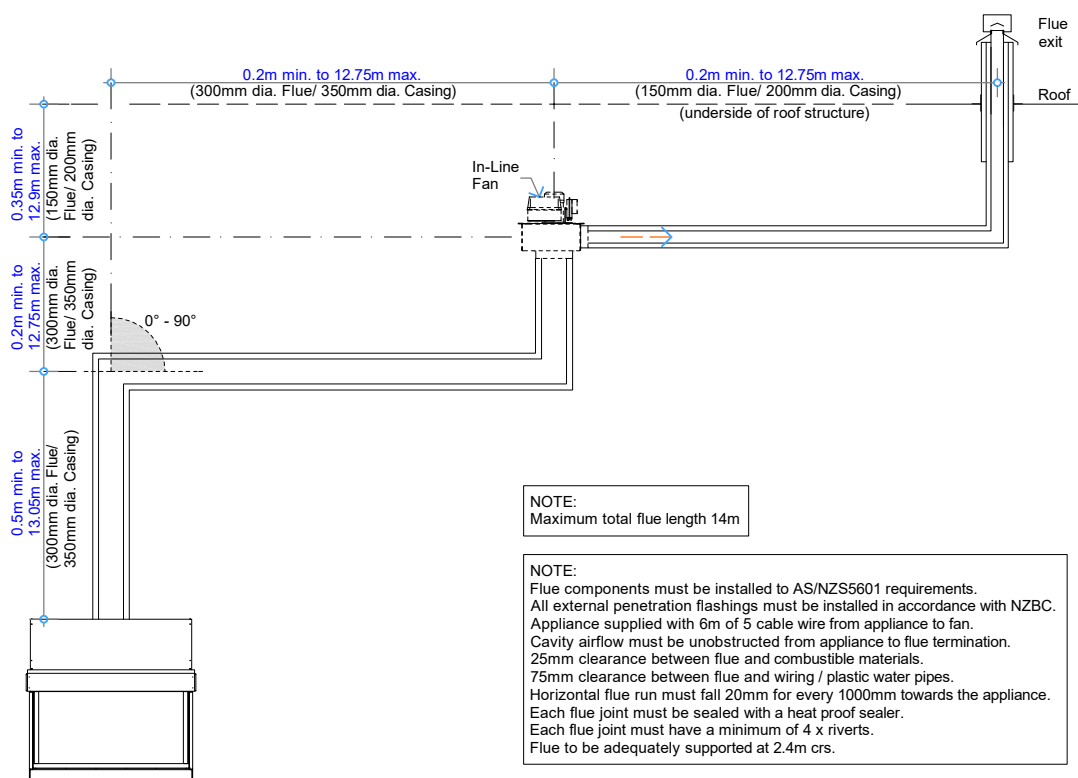
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Vertical Flue Combination GD8F



Vertical Flue Combination GD8G

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Title: VERTICAL FLUE COMBINATION OPTIONS

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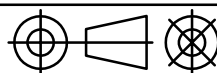
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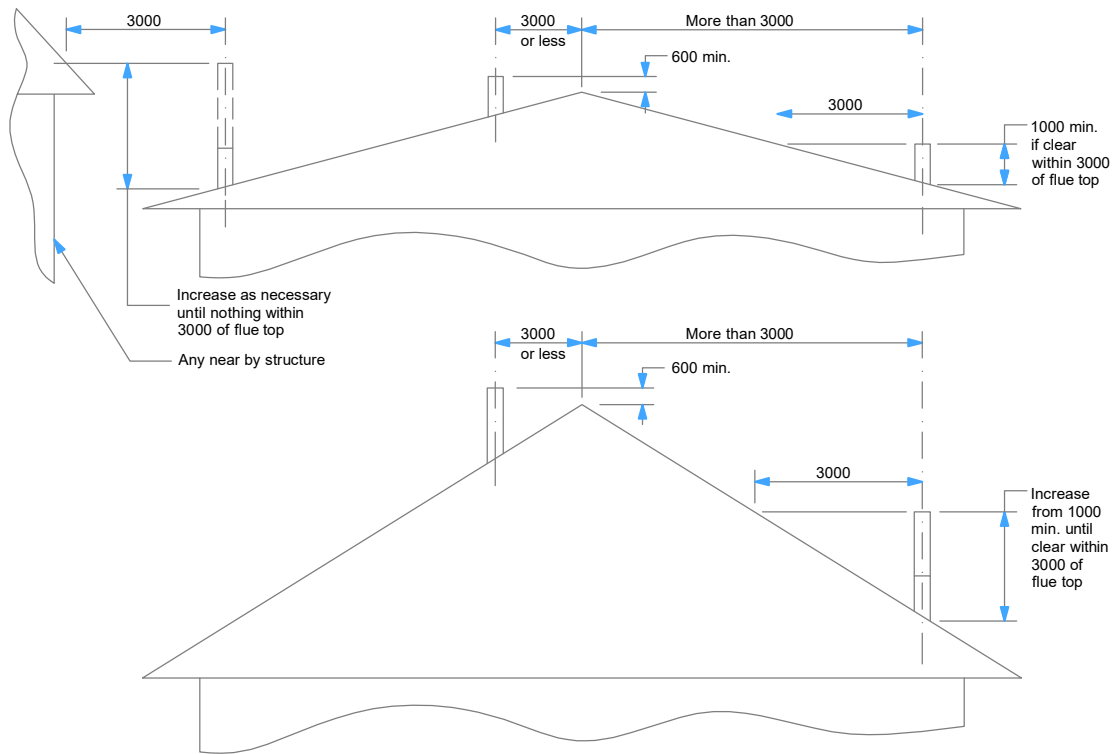
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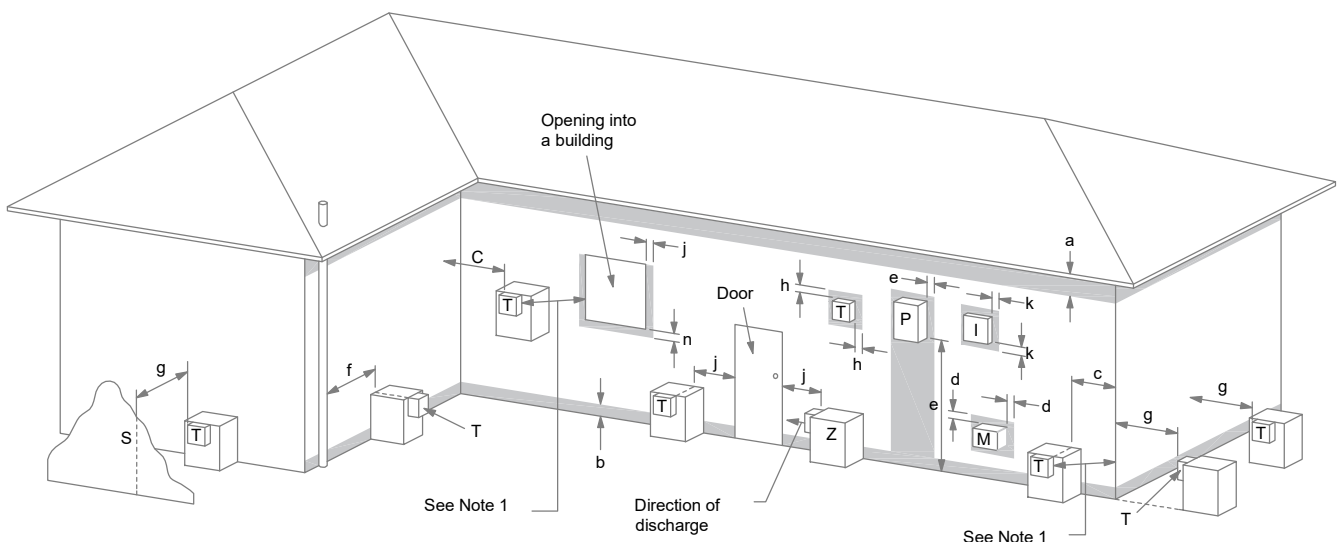
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Minimum Height of Flue System Exit  
Or as per AS/NZS 5601



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

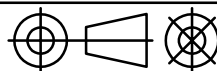
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Drawing No. **GD8-1600-911RB**

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