

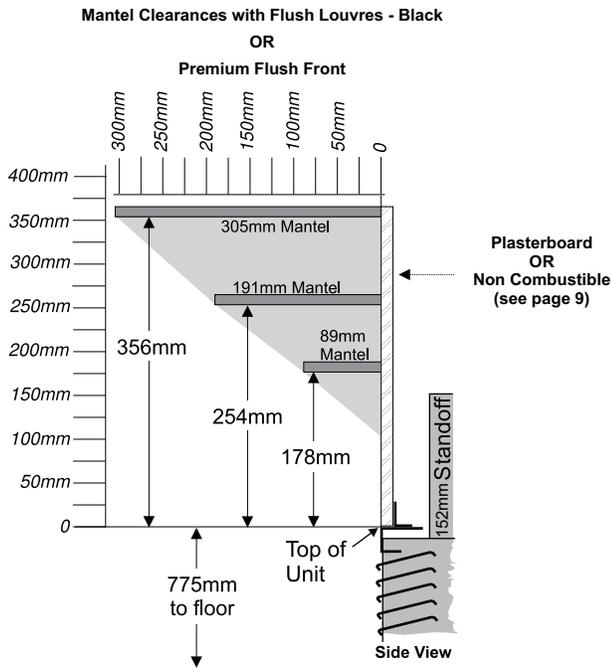
installation

Combustible Mantels

Due to the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from the top of unit are shown in the diagrams below.

Note: A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board.

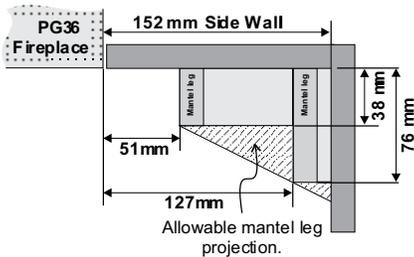
Note: Ensure the paint that is used on the mantel and the facing is "heat resistant" or the paint may discolour.



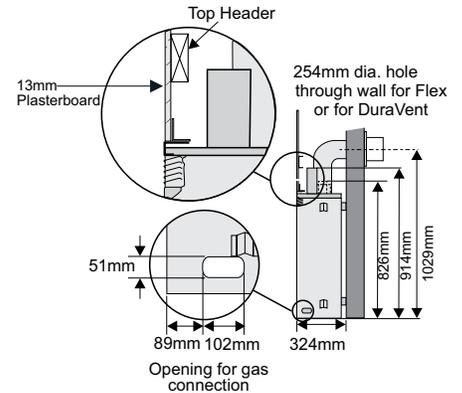
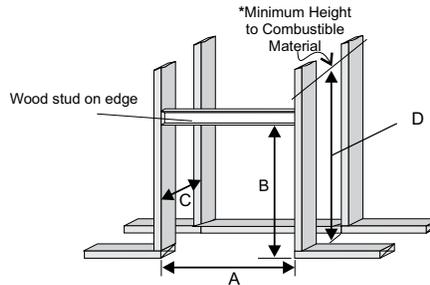
Mantel Leg Clearances

Combustible mantel leg clearances as per diagram below:

Maximum 38mm projection at 51mm minimum clearance.



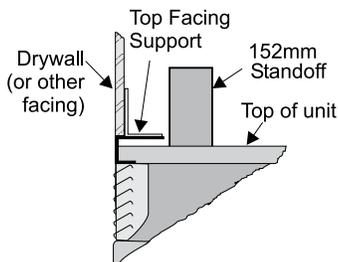
- Use steel studs for framing where the 38mm clearance from the flue to combustible material cannot be maintained, e.g. front top header.



Framing and Finishing

- Determine the total thickness of facing material (e.g. plasterboard plus ceramic tiles) to allow the finished surface to be flush with the front of the unit. Total facing thickness can vary from 13mm to 32mm thick.
- Frame in the enclosure for the unit with framing material.

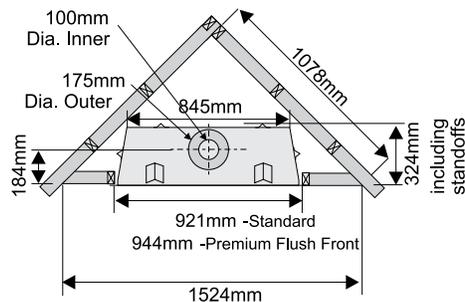
Note: The unit does not have to be completely enclosed in a chase. The clearance on top of the unit is 0mm to the standoffs so combustible building materials can be laid directly on top of the standoffs. You must maintain (38mm) clearance from the flue to combustible materials for flex (32mm) for Simpson Dura-Vent).



Standard Framing Dimensions			
A	B	C	D
921mm	921mm	324mm	1169mm*

Framing Dimensions with Premium Flush Front Option			
A	B	C	D
944mm	946mm	432mm	1182mm*

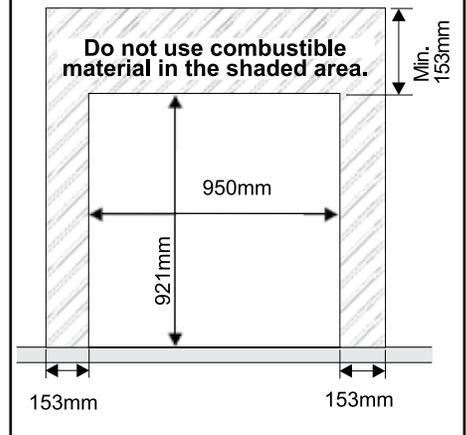
* 'D' is Minimum height to combustible materials including the Minimum 51mm Top clearance to the Horizontal Flue, see flue clearances in section "Clearances."



Note: 1029mm is the minimum height for both flex termination or Simpson Dura-Vent flueing.

Premium Flush Front Framing

Do not use combustible material as lining (eg. timber) around the fireplace as shown in the shaded area in the diagram below.



MINIMUM THICKNESS OF THE FINISHING MATERIAL: 12 mm

Install Side Nailing Strips, Top Facing Support, and Top Standoffs before unit is slipped into position. See "Unit Assembly Prior to Installation" section for assembly details.

NOTE: When using the Premium Flush Front option, a finishing trim (962mm cover) needs to be installed to cover the spacers.

Maintain a physical gap between lining and spacers 2-5mm. (5mm clearance to framing each side).

- For exterior walls, insulate the enclosure to the same degree as the rest of the house, apply vapour barrier and plasterboard, as per local installation codes. (**Do not insulate the fireplace itself.**)
- The top of the unit must not be closer than 813mm to the ceiling.