HEAT & GLO

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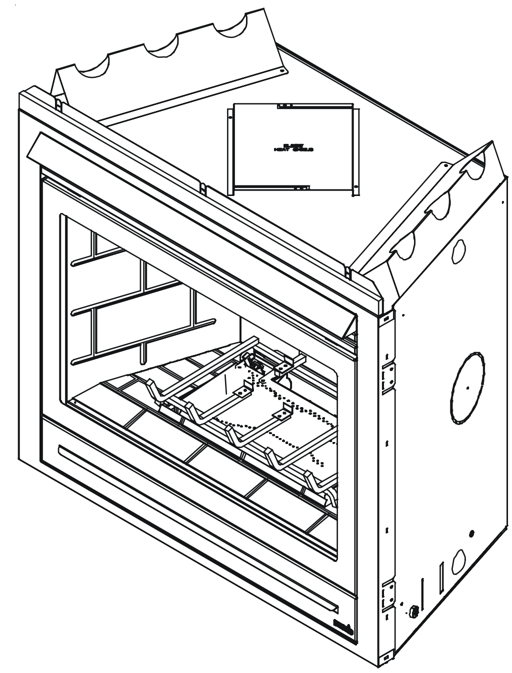
INSTALLATION AND OPERATION INSTRUCTIONS



MODEL: 6000TRSI-AUC

AUSTRALIAN GAS ASSOCIATION APPROVED

AGA APPROVAL NUMBER 5668

THIS MANUAL MUST BE USED FOR INSTALLATION AND RETAINED BY HOMEOWNER FOR OPERATION AND MAINTENANCE.

HEAT & GLO, a brand of Hearth & Home Technologies Inc.

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THIS PRODUCT MAY BE COVERED BY ONE OR MORE OF THE FOLLOWING PATENTS:
(United States) 4593510, 4686807, 4766876, 4793322, 4811534, 5000162, 5016609, 5076254, 5113843, 5191877, 5218953, 5263471, 5328356, 5341794, 5347983, 5429495, 5452708, 5542407, 5601073, 5613487, 5647340, 5688568, 5762062, 5775408, 5890485, 5931661, 5941237, 5947112, 5996575, 6006743, 6019099, 6048195, 6053165, 6145502, 6170481, 6237588, 6296474, 6374822, 6413079, 6439226, 6484712, 6543698, 6550687, 6601579, 6672860, 6688302B2, 6715724B2, 6729551, 6736133, 6748940, 6748942, D320652, D445174, D462436; (Canada) 1297749, 2195264, 2225408; (Australia) 543790;586383; (Mexico) 97-0457; (New Zealand) 200265; or other U.S. and foreign patents pending.

1.0 INSTALLATION INSTRUCTIONS

When planning a heater installation, it's necessary to determine:

- Where the unit is to be installed.
- The flue system configuration to be used.
- Gas supply piping.
- Electrical wiring.
- Framing and finishing details.

If the heater is to be installed on carpeting or tile, or on any combustible material other than wood flooring, the heater should be installed on a metal or wood panel that extends the full width and depth of the heater.

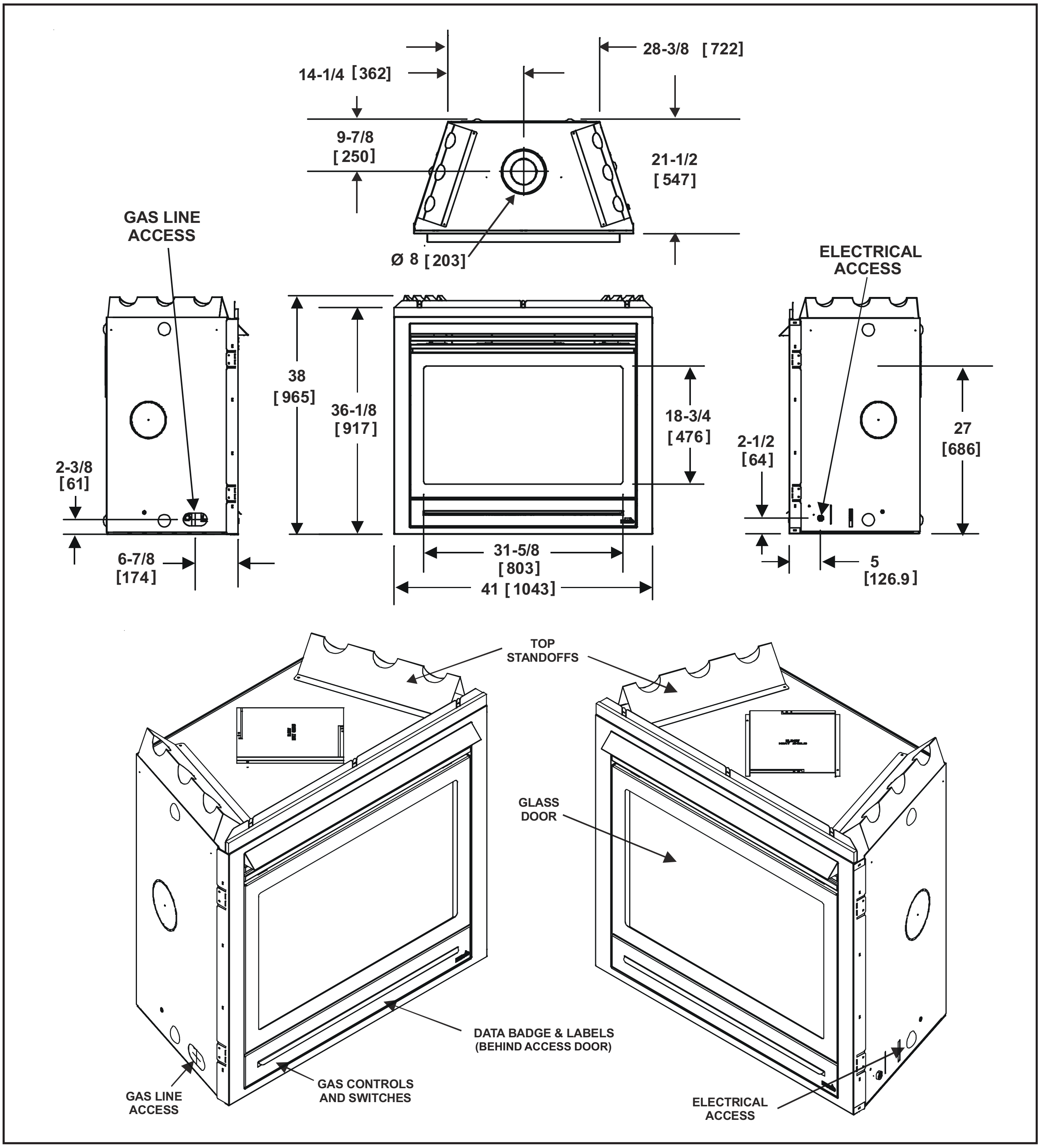
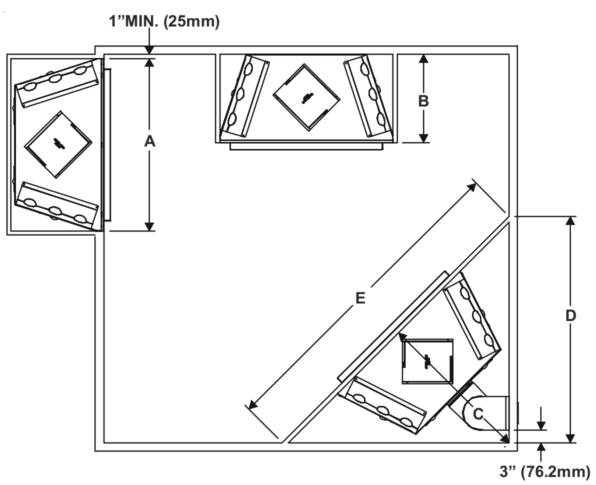


FIGURE 1.1 Diagram of the 6000 Series

A. Locating the Heater

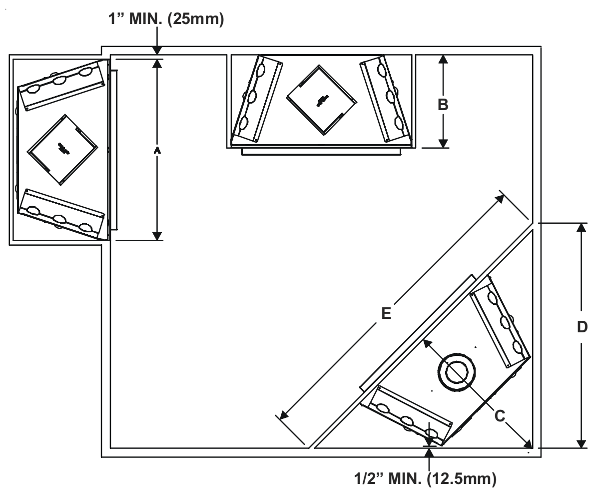
The diagram (see Figure 1.2) shows space and clearance requirements for locating a heater within a room.

Rear Flue



	A	B	C	D	E
Inches	42	22	38	53-3/4	76
Millimeters	1066	559	965	1365	1930

Top Flue



	A	B	C	D	E
Inches	42	22	36	50-15/16	72
Millimeters	1066	559	914	1294	1829

FIGURE 1.2 Heater Dimensions, Locations and Space Requirements

Minimum Clearances from the Heater to Combustible Materials					
Glass Front	**Floor**	**Back of Heater**	**Sides of Heater**	**Top of Heater**	**Ceiling**
36 inches (914 mm)	0	1/2 inch (13 mm)	1/2 inch (13 mm)	3-1/2 inches (89 mm)	31 inches (787 mm)

Clearance Requirements

The top, back, and sides of the heater are defined by standoffs.

The minimum clearance to a perpendicular wall extending past the face of the heater is one inch (25 mm).

For 6000 Series Models, the back of the heater may be recessed 21-1/2 inches (546 mm) into combustible construction.

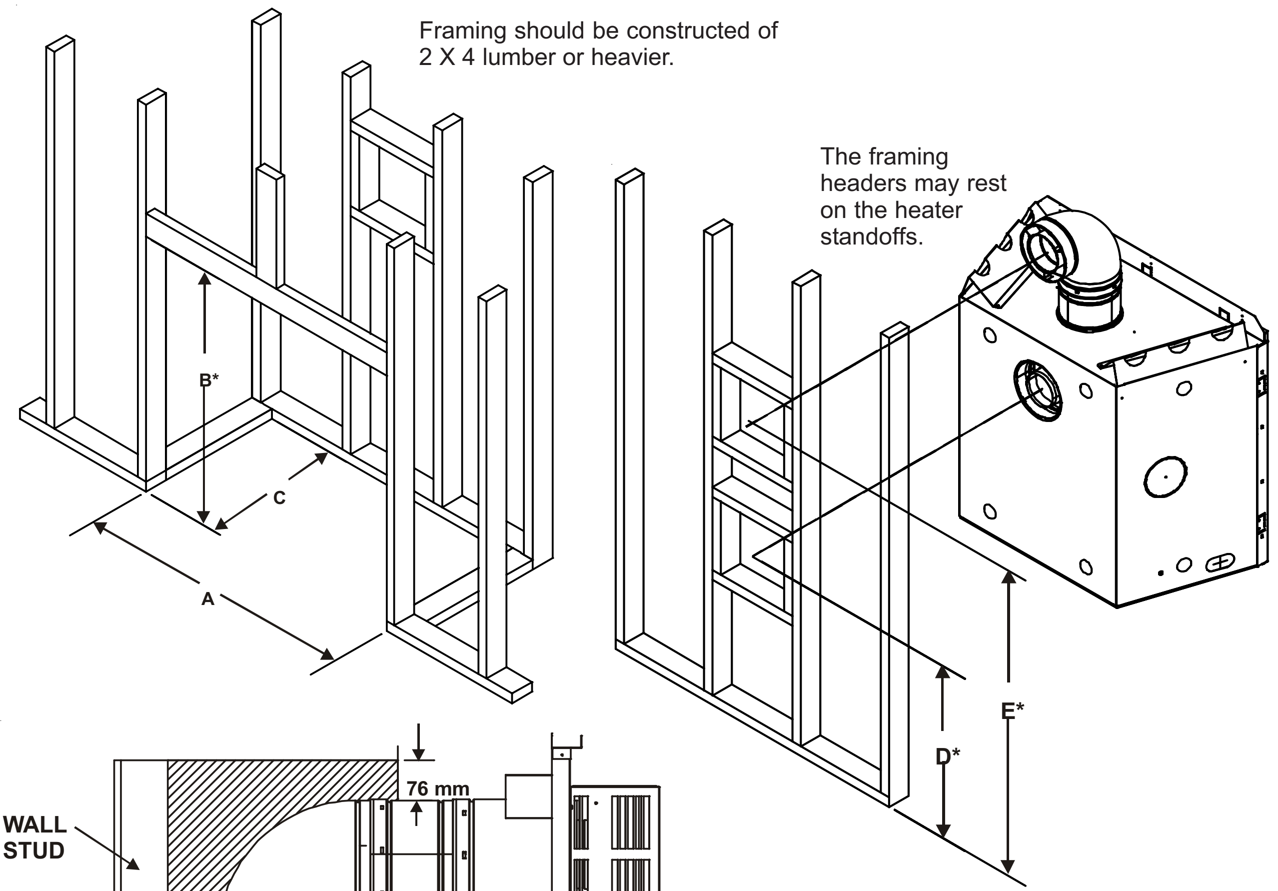
Minimum Clearances from the Flue Pipe to Combustible Materials						
For Horizontal Sections			**For Vertical Sections**	**At Wall Firestops**		
Top	**Bottom**	**Sides**		**Top**	**Bottom**	**Sides**
3 inches (75mm)	1 inch (25mm)	1 inch (25mm)	1 inch (25mm)	2-1/2 inches (63.7mm)	1/2 inch (13mm)	1 inch (25mm)

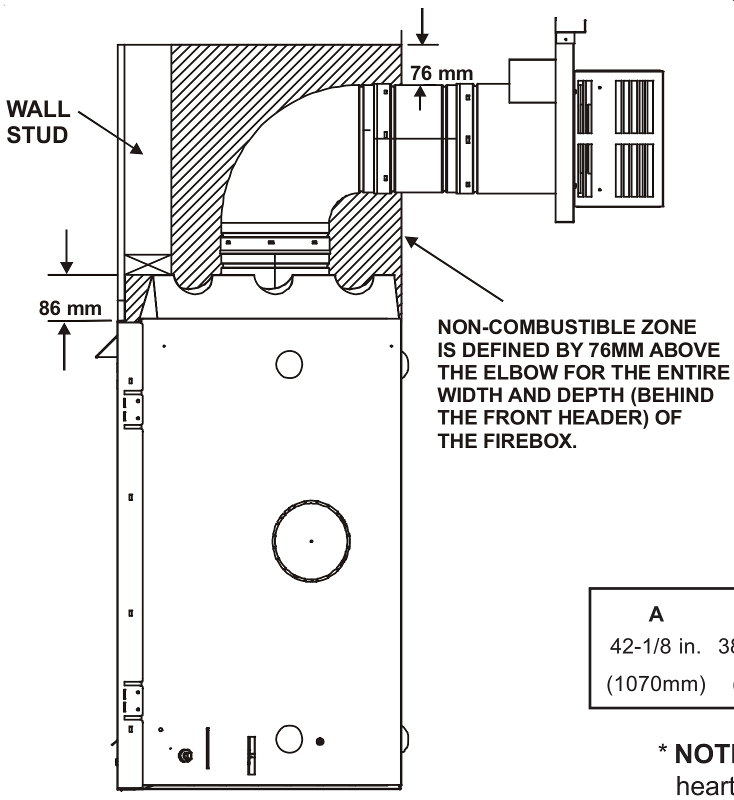
For minimum clearances, see the direct flue termination clearance diagrams on page 7.

B. Framing the Heater

Framing can be built before or after the heater is set in place. Framing should be positioned to accommodate wall coverings and heater facing material. The diagram below shows framing reference dimensions.

CAUTION: MEASURE HEATER DIMENSIONS AND VERIFY FRAMING METHODS AND WALL COVERING DETAILS, BEFORE FRAMING CONSTRUCTION BEGINS.

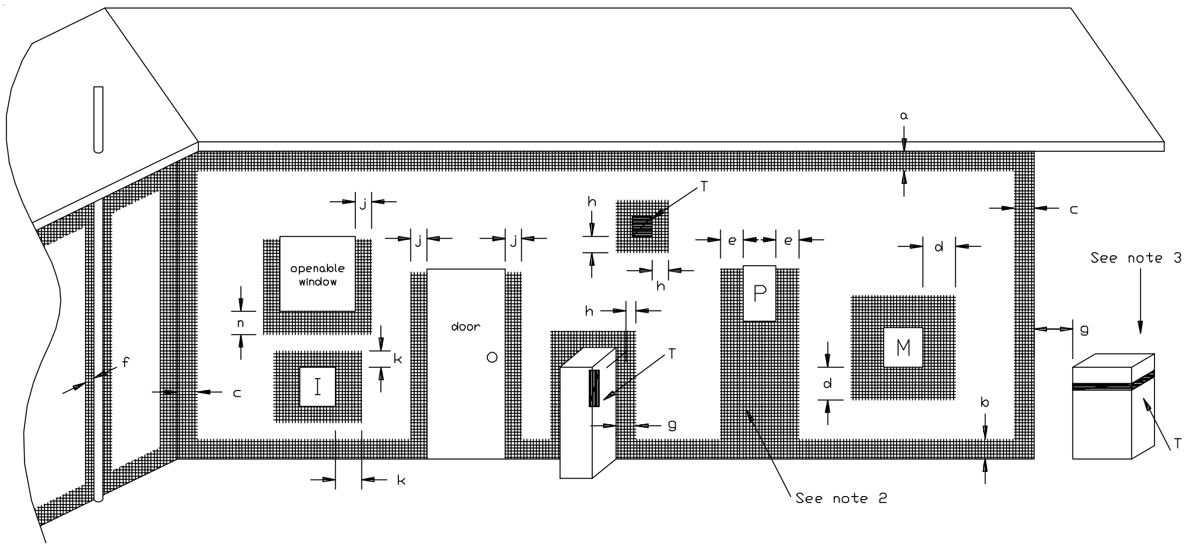




A	B	C	D	E
42-1/8 in.	38-19/32 in.	22-1/16 in.	26-7/8 in.	47-3/4 in.
(1070mm)	(980mm)	(560mm)	(684mm)	(1060mm)

* **NOTE**: Dimension **B** taken from finished hearth frame. Dimensions **D** and **E** taken from bottom of unit.

FIGURE 1.3 Framing Dimensions



T = Flue terminal
I = Mechanical air inlet

M = Gas meter
P = Electricity meter or fuse box

Shading indicates prohibited areas for flue terminals

a - Below eaves, balconies or other projections: **MIN. CLEARANCE (mm)**
- Appliances up to 50 MJ/h input 300
- Appliances over 50 MJ/h input 500

b - From the ground or above a balcony 300
c - From a return wall or external corner 500
d - From a gas meter (M) 1000
e - From an electricity meter or fuse box (P) 500
f - From a drain or soil pipe 150
g - Horizontally from any building structure (unless appliance approved for closer installation) or obstruction facing a terminal 500
h - From any other flue terminal, cowl, or combustion air intake 500
j - Horizontally from an openable window, door, non-mechanical air inlet, or any other opening into a building, with the exception of sub-floor ventilation:
- Appliances up to 150 MJ/h input 500
- Appliances over 150 MJ/h input 1500

k - From a mechanical air inlet, including a spa blower 1500
n - Vertically below an openable window, non-mechanical air inlet or any other opening into a building, with the exception of sub-floor ventilation .... See table below

CLEARANCES 'n' (mm)			
Space heaters	All other appliances		
Up to 50 MJ/h input	UP to 50 MJ/h input	Over 50 MJ/h & up to 150 MJ/h	Over 150 MJ/h input
150	500	1000	1500

NOTES:
1. All distances are measured vertically or horizontally along the wall to a point in line with the nearest part of the terminal.
2. Prohibited area below electricity meter or fuse box extends to ground level.
3. See clause 5.13.6.6 for restrictions on a flue terminal under a roofed area.
4. See Appendix J, Figure J1(a) and J2(a) for clearances required from a flue terminal to a LP Gas cylinder. A flue terminal is considered to be a source of ignition.

MINIMUM CLEARANCES REQUIRED FOR BALANCED FLUE TERMINALS OR THE FLUE TERMINALS OF OUTDOOR APPLIANCES

FIGURE 1.4

F. MANTEL CLEARANCES

Clearance to a mantelpiece is 12 inches (305mm). See Figure 1.32.

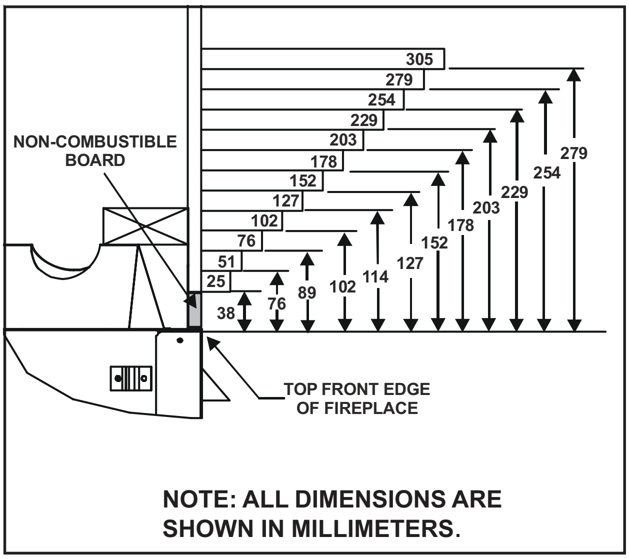


FIGURE 1.32

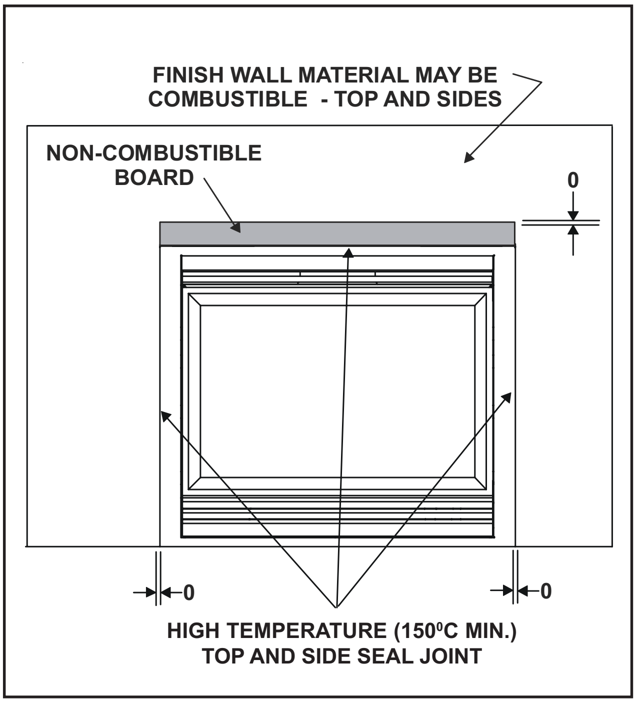


FIGURE 1.33

IF JOINTS BETWEEN THE FINISHED WALLS AND THE FIREPLACE SURROUND (TOP AND SIDES) ARE SEALED, A 150° C. MINIMUM SEALANT MATERIAL MUST BE USED. THESE JOINTS ARE NOT REQUIRED TO BE SEALED. ONLY NON-COMBUSTIBLE MATERIAL (USING 150° C. MINIMUM ADHESIVE, IF NEEDED) CAN BE APPLIED AS FACING TO THE FIREPLACE SURROUND. SEE FIGURE 1.33.