the fireplace

The Fireplace
0800 843 347 | 0800 The Fire
www.thefireplace.co.nz

JETMASTER OUTDOOR WOOD FIRE & ALFRESCO BBQ INSTALLATION INSTRUCTIONS TYPICAL IN-BUILT MASONRY BLOCK

ALL INSTRUCTIONS TO COMPLY WITH AS/NZS2918:2001

Due to continued product improvement, The Fireplace Ltd reserves the right to change product specifications without prior notification

INSTRUCTIONS ARE FOR INSTALLATION INTO A COMPLETE MASONRY FIREPLACE CONSTRUCTION I.E: CAVITY AND CHIMNEY CHASE (NO COMBUSTIBLES)

Masonry Definition:
- Solid Concrete
- Concrete/Masonry Block
- Brick
- Hebel Block/Panel

Consult The Fireplace Ltd or your local agent for any variation of the installation specified below

NOTE: If using timber framing, refer to 5.TW.1A for installation instructions. A Heat Shield must be used.

IMPORTANT: Read all instructions carefully before starting installation. Failure to follow these instructions may result in a fire hazard and will void the warranty.

JETMASTER BOX DIMENSIONS

Table 1

MODEL	A	A1	B	C	D	E	F	Y
700 D	700	800	400	700	225/325	200	680	295
850L	850	950	450	700	250/350	220	680	322
1050LL	1050	1150	500	700	300/400	240	680	345

Dimensions in mm

Fig. 1

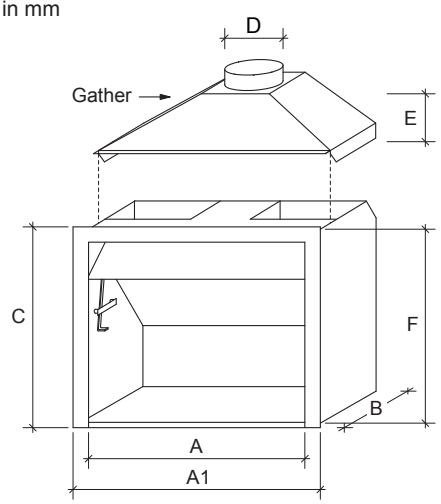
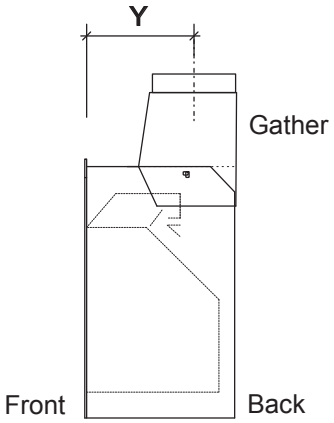


Fig. 2



Drawings Not To Scale

MINIMUM CAVITY SIZE

Table 2

MODEL	A	B + recess	Temporary Lintel	X min*	Y min*	Z min*
700 D	800	470 + recess	1200	1100	400	75
850L	950	530 + recess	1200	1250	450	75
1050LL	1150	565 + recess	1200	1450	600	75

Dimensions in mm

NOTE: Minimum Recess = 40mm / Maximum Recess = 100mm

CAVITY / FRAMING PREPARATION

Refer to Table 2 for the minimum cavity dimensions and temporary lintel height measurements, until the firebox and flue system is installed. **Note:** Temporary lintel height is measured from finished floor protector level.

Note: Wood Installations can be converted to Gas at a later date. Consider running a gas supply to firebox cavity at the time of construction.

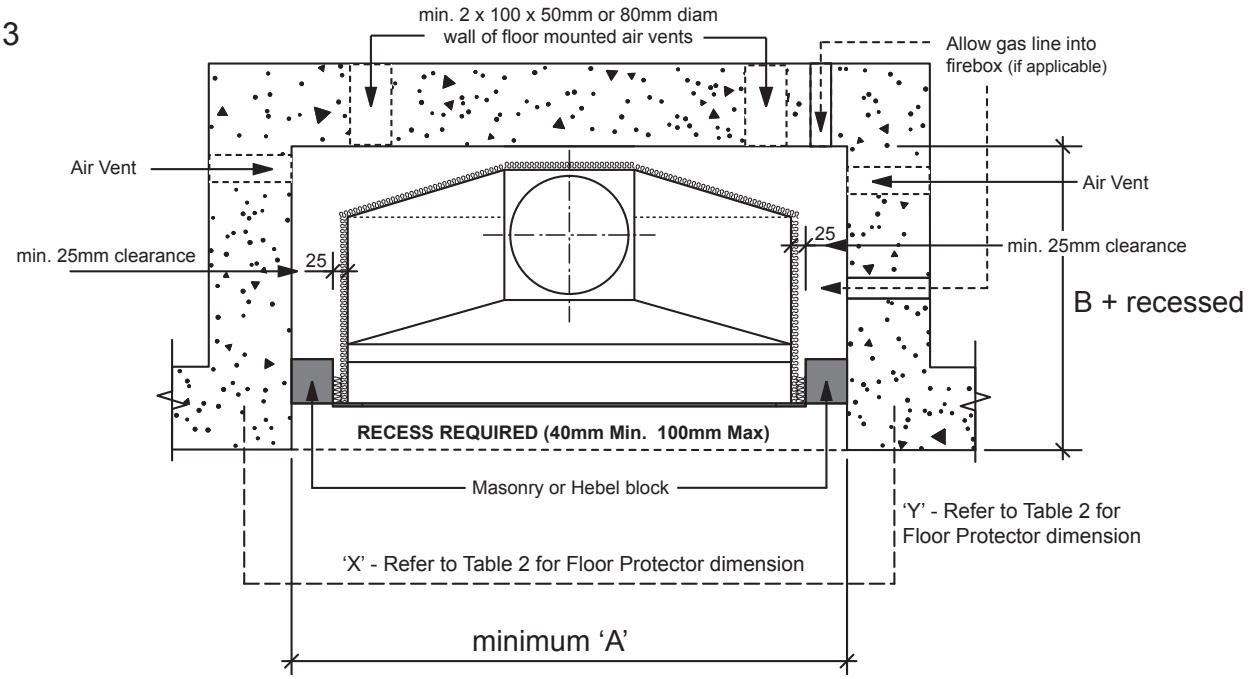
FIREBOX INSTALLATION

1. Locate and position firebox, fit and seal gather in cavity using fire cement (exhaust cement) and bolts (supplied), to the firebox. Note: Pop rivet back of gather to firebox if required (refer to Cross Section). Earthquake restraints may be positioned by drilling through firebox into the floor protector, in a position midway beneath the log-pan. Two 6mm dynabolts or similar will suffice. Do not over tighten and deform firebox.
2. Attach rock wool (supplied) to the sides of the firebox and gather (using fire cement). DO NOT BLOCK OFF the air entry between the inner flue pipe and flue pipe casing or the air circulation between the vent holes in the cavity.
3. Refer to Table 2 & Fig 3 for minimum hearth sizes. Please note, a hearth is not required when the floor surface below the fire is non combustible ie: concrete pavers, etc.

ALL INSTALLATIONS MUST COMPLY WITH NZS2918:2001
The Fireplace Ltd recommends all installations be carried out by an S.F.A.I.T (SOLID FUEL AUTHORISED INSTALLER TECHNICIAN).

PLAN

Fig. 3



Drawings Not To Scale

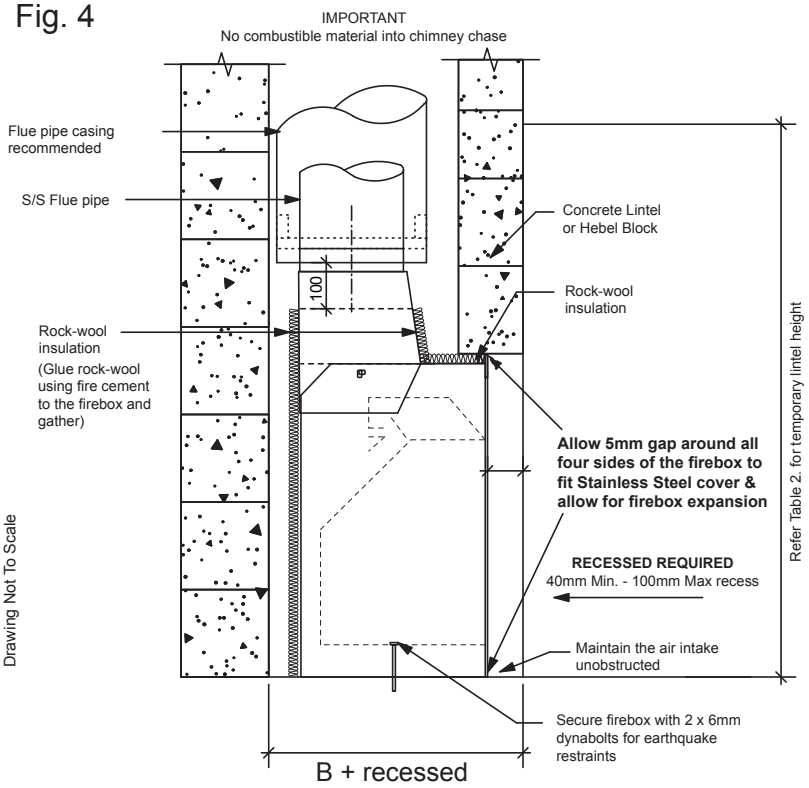
* A minimum 75mm thick Floor protector is only required if finished surface is combustible e.g: timber decking

Please note that these dimensions (based on Masonry margins) are the absolute minimum sizes - widths (A & B) maybe increased if desired. If you intend on recessing the firebox, please add the recess value to Dimension 'B'. MINIMUM RECESS = 40 / MAXIMUM RECESS = 100mm
It is important to ensure the Jetmaster firebox is seated at the required finished floor protector level.

WARNING: Minimum cavity sizes leave NO MARGIN FOR ERROR. If the cavity is larger than minimum dimensions (A & B) close up the lateral sides (see Fig. 3) using hebel block, concrete block or similar (do not use any combustible material).
ALLOW 5MM GAP AROUND ALL FOUR SIDES OF THE FIREBOX TO FIT STAINLESS STEEL WEATHER COVER, i.e. do not plaster up to the flange of the firebox, see Fig 5.

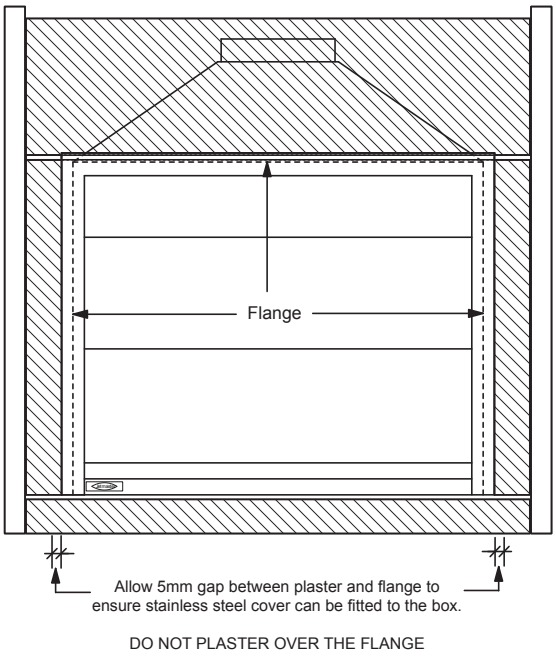
CROSS SECTION

Fig. 4



Drawing Not To Scale

Fig. 5

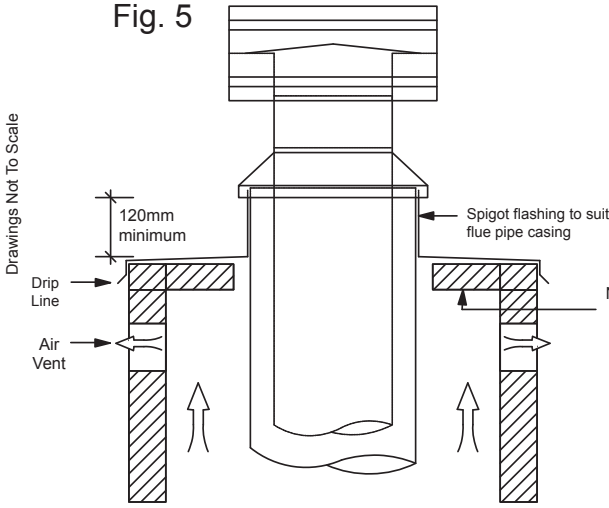


CHIMNEY CHASE AIR VENTILATION

3.OD.3D

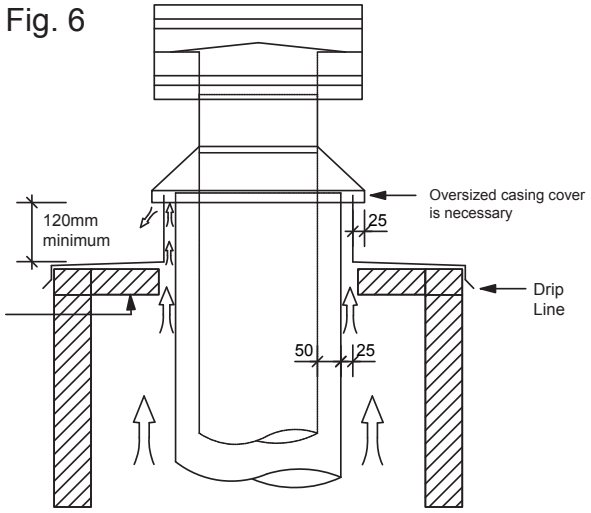
Air Ventilation Through Chimney Chase

Fig. 5



Air Ventilation Through Top Flashing

Fig. 6



NOTE: Air Vents to be min 2 x 80mm diam. or equal square or rectangle shape area. These must be bird & rodent proofed with permanently fixed screens.

FLUE INSTALLATION

1. Install first length of flue pipe crimped end down, inside gather collar. Rivet flue pipe in 3 places around gather collar. Place bottom flue spider bracket around gather flue pipe collar, secure in position by tightening up coach bolt/screw (supplied).
2. Install second length of the flue pipe crimped end down and fix by riveting in at least 3 places around the flue pipe joint.
3. Install first length of the flue pipe casing by positioning on installed bottom flue spider bracket crimped end up.
4. Position flue spacer at the flue pipe joint.
5. Repeat steps 1 - 4 to the required flue system height of 3.6m.
6. The last length of flue pipe needs to extend past the flue pipe casing by at least 150mm or flush with the top of the casing cover spigot when fitted - sizing/measuring and cutting down should be carried out prior to the flue pipe casing being fitted over the flue pipe.
6. Before fitting casing cover, place the spider in opposition with the spider post facing down between the flue pipe and flue pipe casing. Secure spider in position. Place the casing cover over the flue pipe, press down firmly onto the spider. Check airway around the casing cover is clear, then secure in position using three stainless steel rivets.
7. Fit cowl to top of flue - DO NOT RIVET IN POSITION. In high wind areas, it is recommended that the cowl be secured in position with a stainless steel self tapping screw, this will enable the cowl to be removed for cleaning. Discuss Bird Proofing needs with your installer. N.B. in extreme wind areas it may be necessary to consult The Fireplace Ltd or your local agent for further technical assistance Ph: 0800 843 347.
8. If flue is concealed in a chase, allow for air vents (2 x 80mm diam. or equivalent) at the highest possible point on the chimney chase or alternatively, allow a min 25mm air space between the casing cover spigot and the outer casing. Refer to Figure 5 & 6.

GENERAL MAINTENANCE

- When the fire is not in use, ensure the stainless steel cover is fitted at all times. This will assist in protecting the firebox. DO NOT attach the cover when the fire is in use.
- This fire is NOT warranted against rust. Please refer to our full Warranty Card for full details.
- A seasonal touch-up is recommended. Simply remove surface rust with some steel wool and repaint using Black VHT paint *(available from your nearest showroom)*. Please ensure all areas around the firebox are protected when re-painting.