



JETMASTER OUTDOOR QUADRO WOOD COOKING APPLIANCE AND WOOD FIRE INSTALLATION INSTRUCTIONS

INSTALLATION TO COMPLY WITH AS/NZS2918:2001

The Quadro outdoor wood fire is a combined outdoor entertainment and cooking appliance utilising 4 unique features in one unit – A BBQ grill and hotplate, a Potjie Pot for slow cook stews, a removable Stainless Steel Pizza oven and a fire for outdoor entertainment heating once cooking is completed.



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

AUTOCLAVED AERATED CONCRETE (AAC) BLOCK HEAT CELL ASSEMBLY

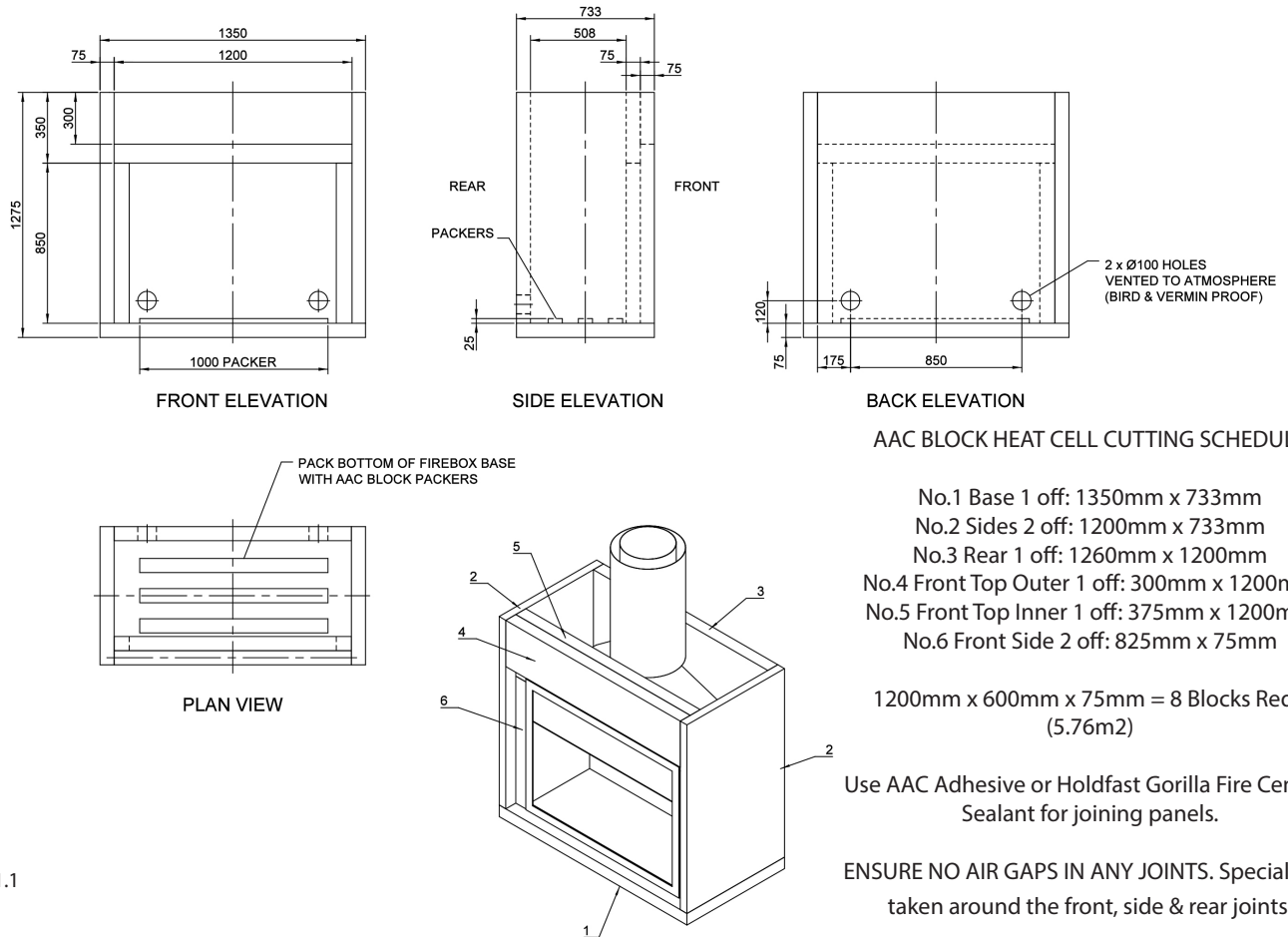


Fig 1.1

QUADRO FIREBOX

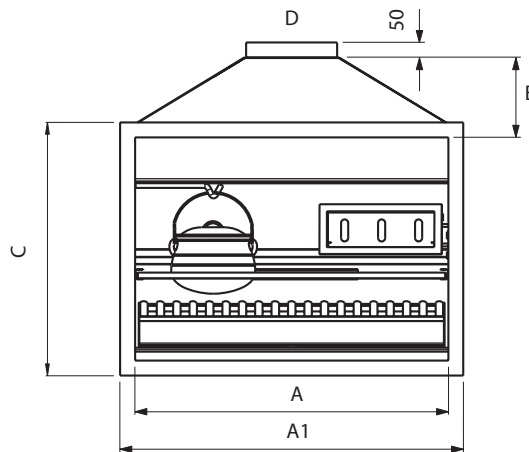


Fig 1.3.1

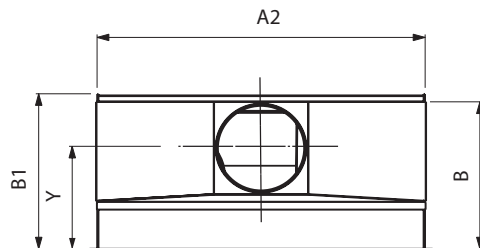


Fig 1.3.2

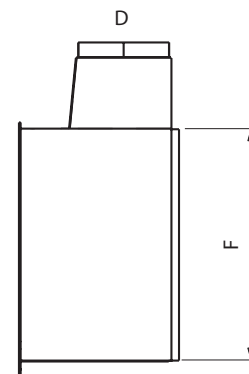


Fig 1.3.3

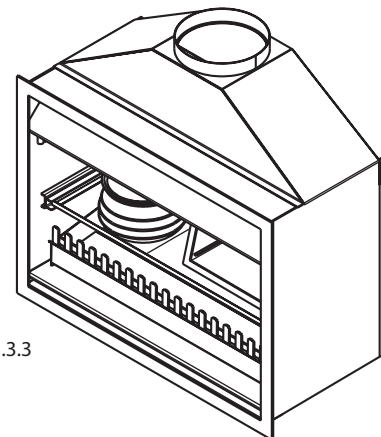


Table 1.0 (all dimensions in millimetres)

A	A1	A2	B	B1	C	D	E	F	Y
1050	1150	1100	502	530	850	300/400	240	800	350

FIREBOX INSTALLATION PREPARATION

The AAC Block Heat Cell shown in Fig 1.1 is constructed from 75mm (centrally reinforced) AAC Block panels and is a stand alone construction required within a false timber framed chimney chase incorporating a flue system.

The AAC Block Heat Cell may be substituted with 150 or 200 series Masonry blocks or similar, provided the internal dimensions and details of the heat cell are the same as those shown in Fig 1.1

If the Quadro firebox is to be positioned inside a timber frame out, the following MUST be observed;

1. The Quadro MUST be installed so that it is positioned inside a AAC Block Heat Cell as per Fig 1.1
2. Please note that the firebox is positioned onto 25mm high non-combustible spacers inside the AAC Block Heat Cell and 100mm dia. (x2) inlet air vents are located down as low as possible in the rear heat cell panel (panel 3). The inlet air vents must vent to the outside and be vermin and bird proof.
3. **The hearth/floor protector where located onto a combustible floor surface, must be made from 100mm concrete or 75mm AAC Block (preferred) and extend a minimum of 600mm in front of the firebox and 200mm to each side of the firebox opening.** Refer to Fig 2.1 The hearth/floor protector finished top surface should align to the same level as the lower front edge of the firebox fascia frame. Refer to Fig 2.2
4. There MUST be 25mm minimum air spacing between the AAC Block Heat Cell and any timber frame out on the sides and rear panels. Timber framing may touch the top of the AAC Block Heat Cell. There must be a minimum of 25mm clearance from the flue to any combustible material.
5. Where required, all ACC Block panel joints must be made using AAC Block adhesive or if unavailable, Holdfast Gorilla Fire Cement Sealant or similar.
6. **When finishing the front presentation, DO NOT place any combustible materials above the front of the fire within 400mm above the firebox.**
7. The firebox must be restrained with earthquake restraints by drilling holes in the base of the back corners of the firebox using 6mm dynabolts or similar. Do not over-tighten and deform the firebox and also ensure the BBQ grill and plates are not compromised when stored in the storage slot under the logpan.
8. A purpose made Stainless Steel weather cover with lockable handles is also available to protect the firebox inner when not in use.
9. Cutting AAC blocks – use a specially designed tungsten tooth AAC saw. For smaller projects, you can use an aggressive tooth timber hand saw.
10. For cutting AAC panels – use a circular saw fitted with a continuous rim, diamond tipped ‘turbo’ masonry blade, ideally connected to a dust extractor. A slow cutting speed is recommended.

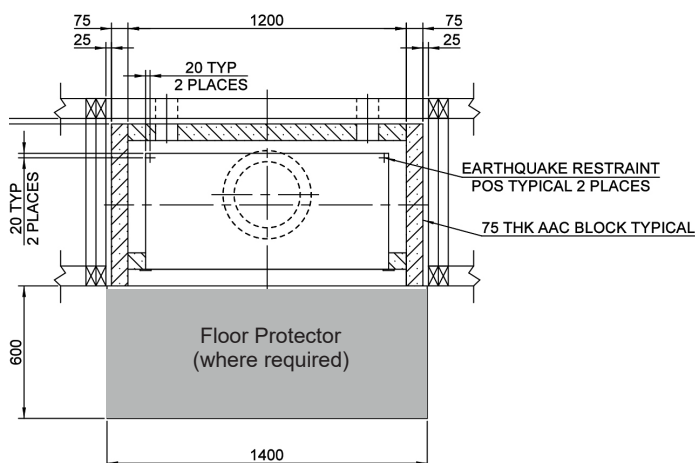


Fig 2.1

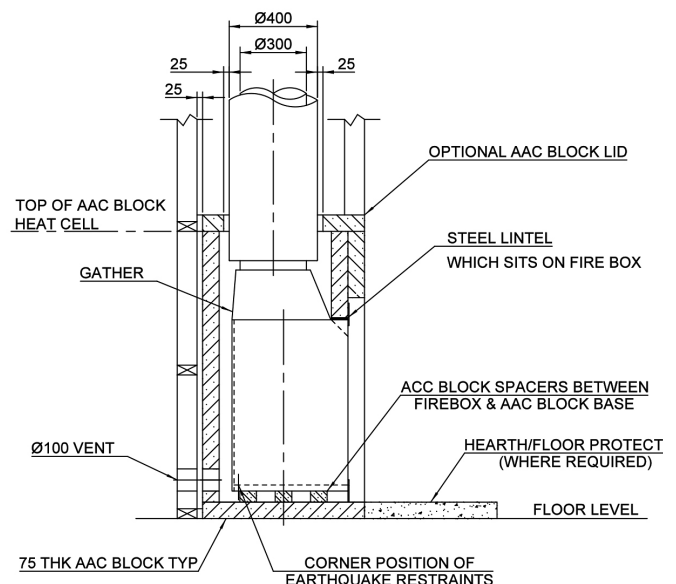
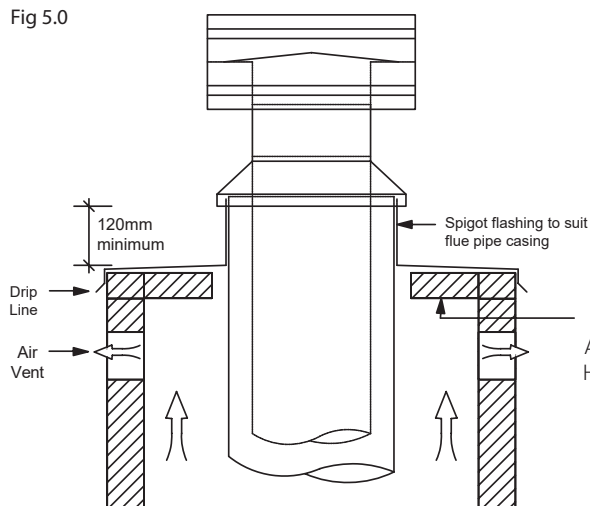


Fig 2.2

CHIMNEY CHASE AIR VENTILATION

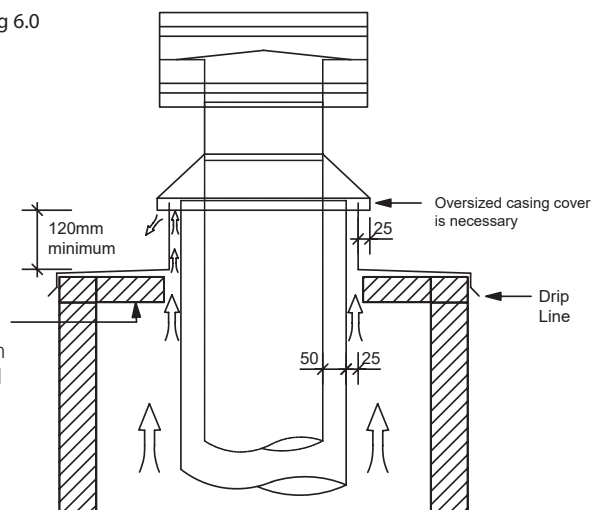
Air Ventilation Through Chimney Chase

Fig 5.0



Air Ventilation Through Top Flashing

Fig 6.0



NOTE: Air vents to be min 2 x 80mm diameter or equal square or rectangular shaped area. These must be bird & rodent proofed with permanently fixed screens. Bird proof Cowl where necessary.

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. Repeat steps 1 - 4 to the required flue system height.
5. 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.
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 or salt air corrosion. Please refer to the Fireplace Fireguard Warranty 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.

For high wind locations, The Fireplace recommends fitting a Stainless Steel Jetmaster Bird Cowl