



A division of Terry Young Ltd, New Zealand

INSTALLATION INSTRUCTIONS for

DENVA

OUTDOOR WOOD BURNER

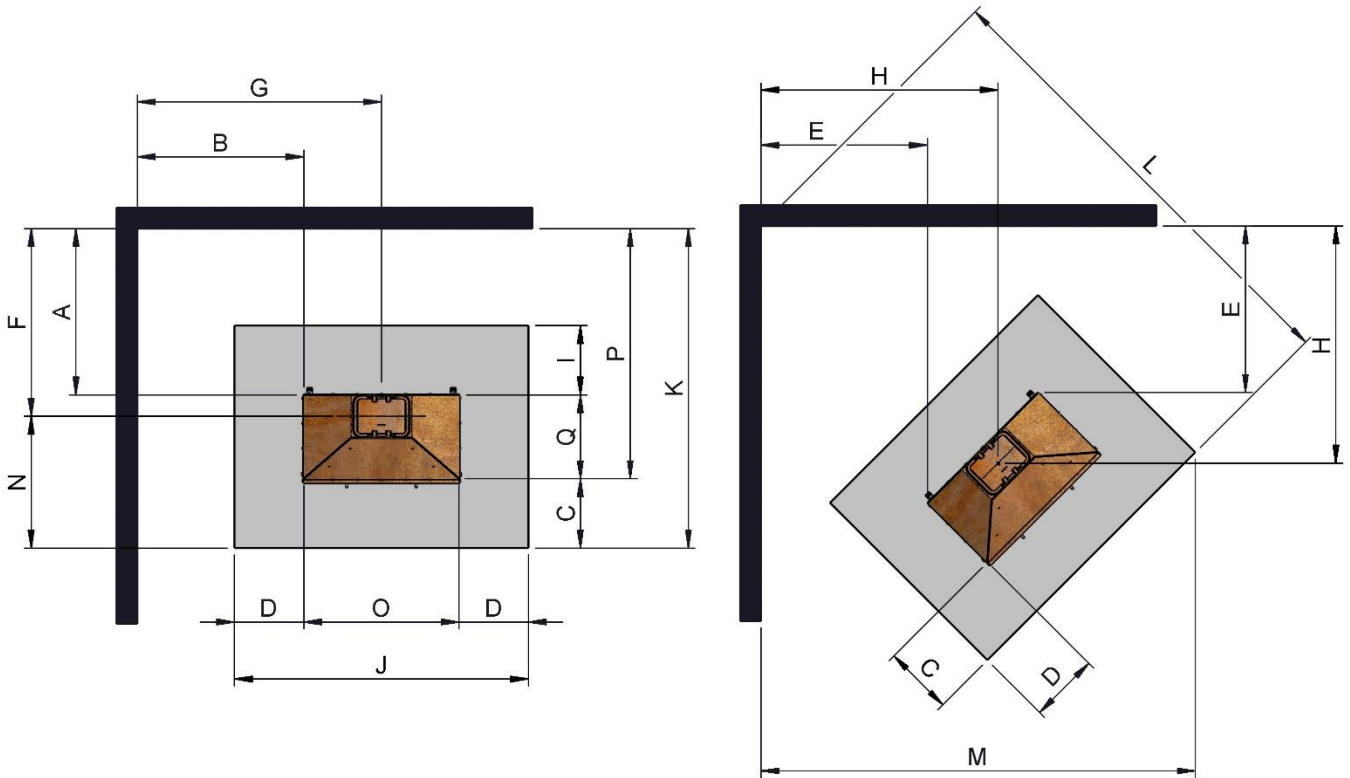
26 NOVEMBER 2021



- A.** Yunca recommends that competent trades persons carry out all installations (e.g. NZHHA Registered Installer), to obtain maximum performance and safe, efficient heating.
- B.** A permit *may* be required and we suggest you check with local building inspectors as by-laws do vary from area to area. Also notify your Insurance Company that a solid fuel heater has been installed.
- C.** The Denva Outdoor Fire is designed to be installed with non-combustible masonry surrounds. If timber or combustible material is present the following clearances must be followed.
- D.** Floor Protector –
- 1.** Must extend a minimum of 500mm beyond any part of the appliance where there is heat sensitive material present.
 - 2.** Must extend at least 500mm from each side of the fuel-loading or ash-removal opening unless it forms an abutment with a wall or heat shield at a lesser distance.
 - 3.** Must be constructed of a thickness not less than 75mm of masonry or concrete laid on supporting sheet of continuous heat-resistant material.
 - 4.** Must be separated from the heat sensitive floor by means of heat-resistant spacers forming an air gap of not less than 25mm between the floor protector and the floor or floor covering.
 - 5.** Total plan area of the air gap shall not be less than 9 percent of the area of the floor protector.
 - 6.** Openings shall be provided along at least one pair of opposite edges of the floor protector to ventilate the air gap.
 - 7.** The total opening area at each edge of the floor protector along which openings are provided, shall not be less than that determined from the following equation: $A = s \times 3$
A = minimum total opening area along one edge of the floor protector in square millimetres.
s = perimeter of the floor protector, in millimetres.
- E.** Seismic restraint – Heater must be restrained from seismic movement as required by AS/NZS 2918:2001. 10mm diameter bolting holes in the rear corners allow restraint.

F. Clearances based on AS/NZS 2918:2001 untested recommended minimum clearances from combustible walls.

AS/NZS 2918 : 2001 - untested minimum clearances to combustible walls	Clearance
Rear Clearance	1200mm
Side Clearance	1200mm
Corner Clearance	1200mm



MINIMUM FIRE TO COMBUSTIBLE WALL CLEARANCES										
A	B	CE	F	G	H					
1200	1200	1200	1355	1760	1710					

MINIMUM FLOOR PROTECTION MEASUREMENTS										
C	D	I	J	K	L	M	N	O	P	Q
500	500	500	2120	2305	3365	3130	950	1120	1805	605

G. Denva Outdoor - Flue Kit Contents:

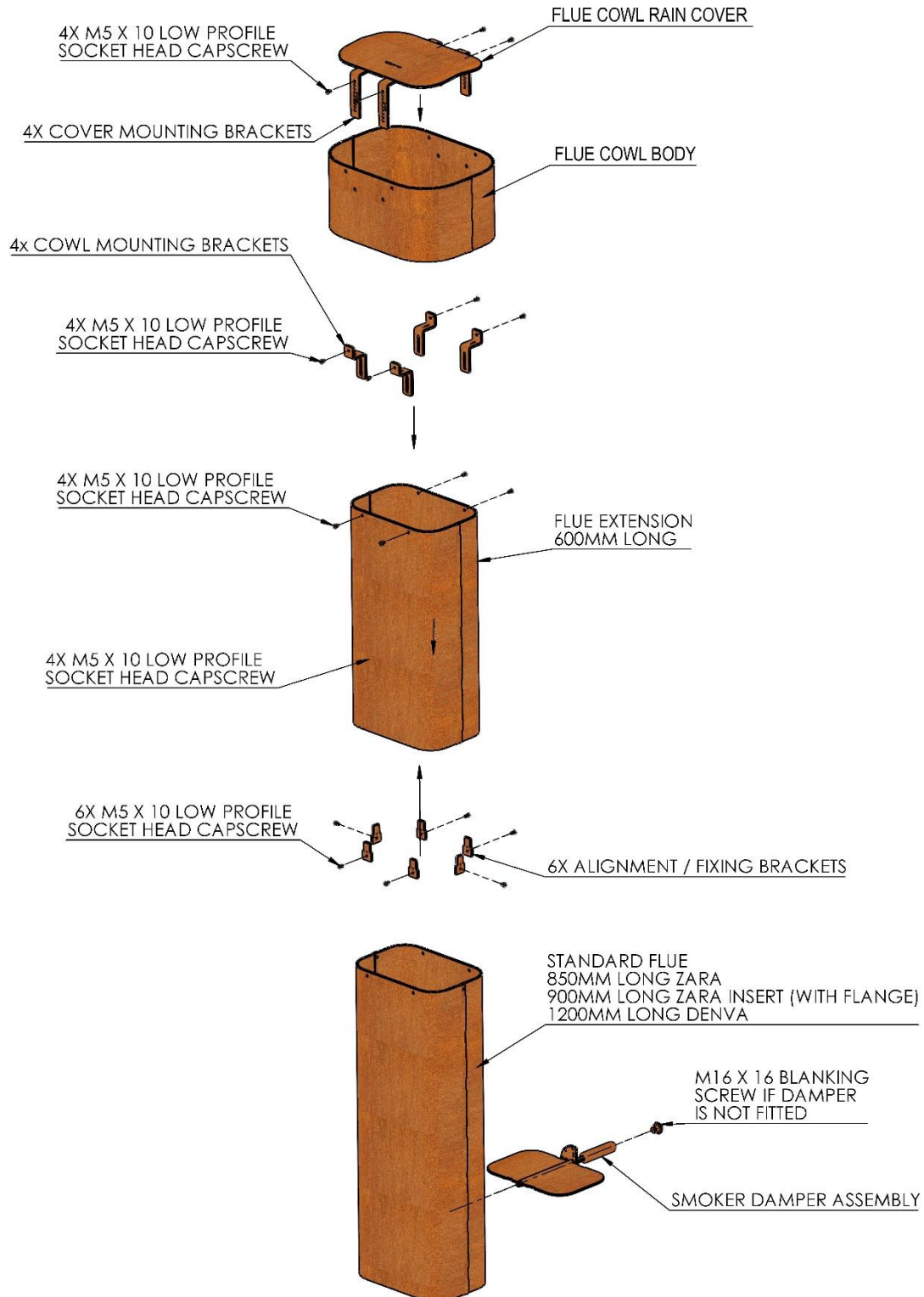
1. 1 x 200mm (d) x 300mm (w) 1200mm (h) Corten steel flue.
2. 1 x 200mm (d) x 300mm (w) x 600mm (h) Corten steel flue.
3. 1 x Corten steel flue cowl.
4. 9 x fixing screws.

H. Denva Outdoor Wood Burner – Flue Installation

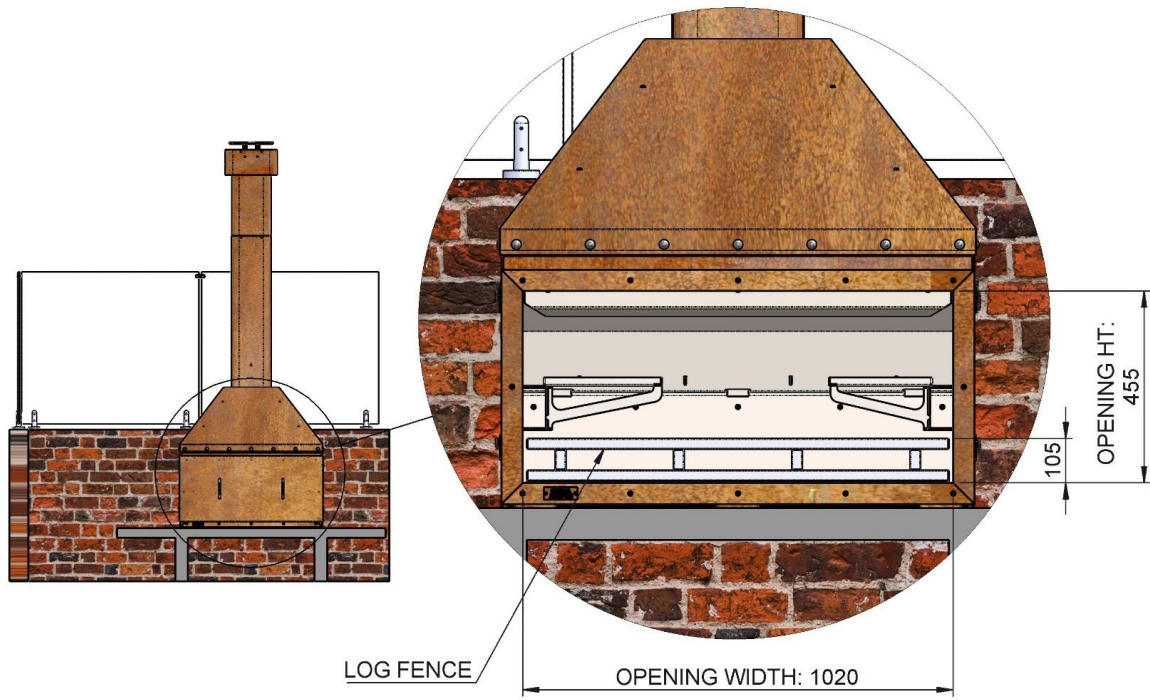
(drawings on the following pages not drawn to scale)

Complies with untested unit as per AS/NZS 2918:2001

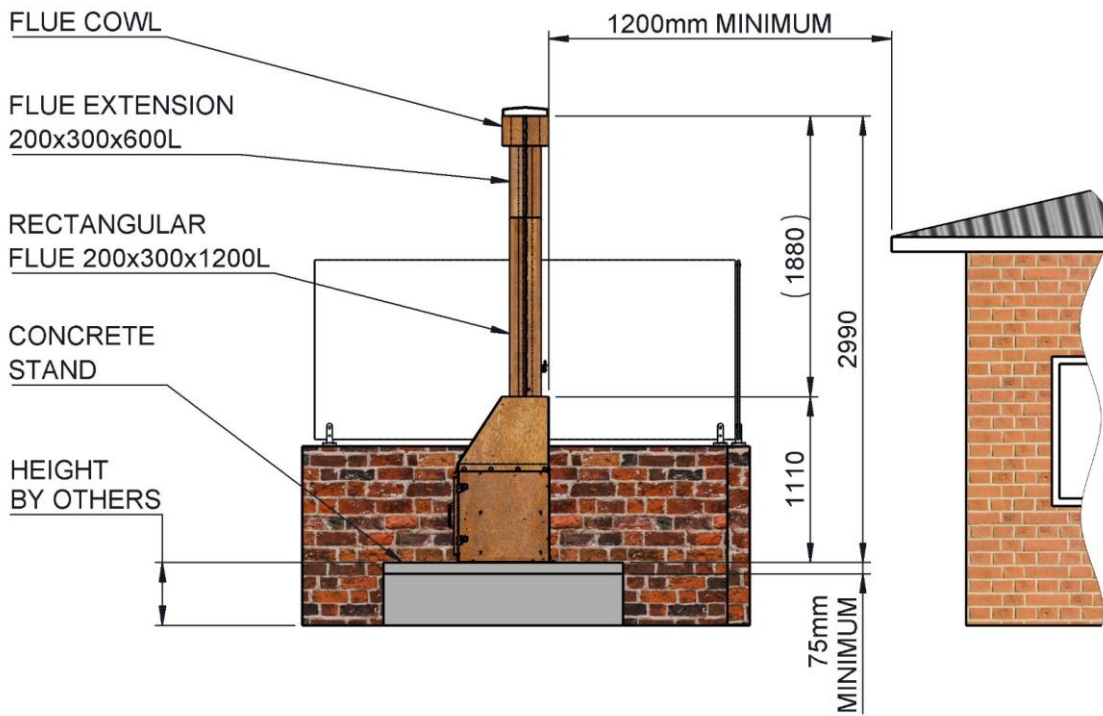
Please Note: All flue joints must be sealed with flue sealing compound. Use stainless steel screws to join the flue pipe (at four different points). The first length of flue must be fixed to the flue spigot with a low profile head socket cap screw.



I. Denva Outdoor Wood Burner – Dimensions & Clearances



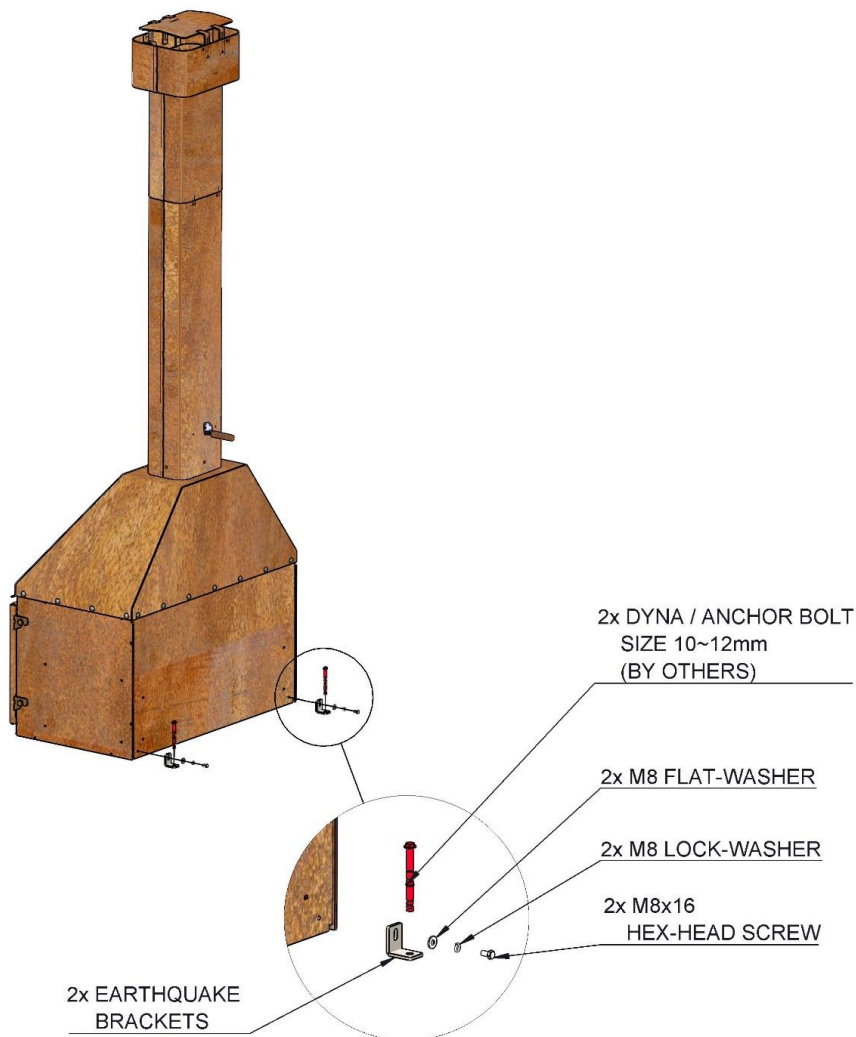
(NOTE: DOOR REMOVED FOR CLARITY)



J. Seismic Restraint

Secure the heater base to the hearth with Dynabolts or similar.

Follow local Council's Specification



IMPORTANT INFORMATION

- A. THE APPLIANCE AND FLUE SYSTEM SHALL BE INSTALLED IN COMPLIANCE WITH AS/NZS 2918:2001 FOR AN UNTESTED UNIT AND THE APPROPRIATE REQUIREMENTS OF THE RELEVANT BUILDING CODE OR CODES.
- B. MIXING OF APPLIANCE OR FLUE SYSTEM COMPONENTS FROM DIFFERENT SOURCES OR MODIFYING THE DIMENSIONAL SPECIFICATION OF COMPONENTS MAY RESULT IN HAZARDOUS CONDITIONS. WHERE SUCH ACTION IS CONSIDERED, THE MANUFACTURER SHOULD BE CONSULTED IN THE FIRST INSTANCE.

These instructions, spare parts information, operation and maintenance guides, may be downloaded from www.yunca.co.nz