

The following are minimum clearances to Combustible Surfaces	B1 Below cooking surface	B2 Above cooking surface	A Rear Wall		D1 Below cooking surface	D2 Above cooking surface
			With upstand	No upstand		
Unprotected walls without upstand	160mm	425mm	425mm		25mm	75mm
Unprotected walls with upstand	160mm	425mm	100mm		25mm	75mm
Screening sheet metal of any type 0.5mm or thicker spaced 25mm from wall	48mm	128mm	30mm	128mm	25mm	30mm
Screening 12mm Promina Board spaced 25mm from wall	47mm	124mm	29mm	124mm	N/A	N/A

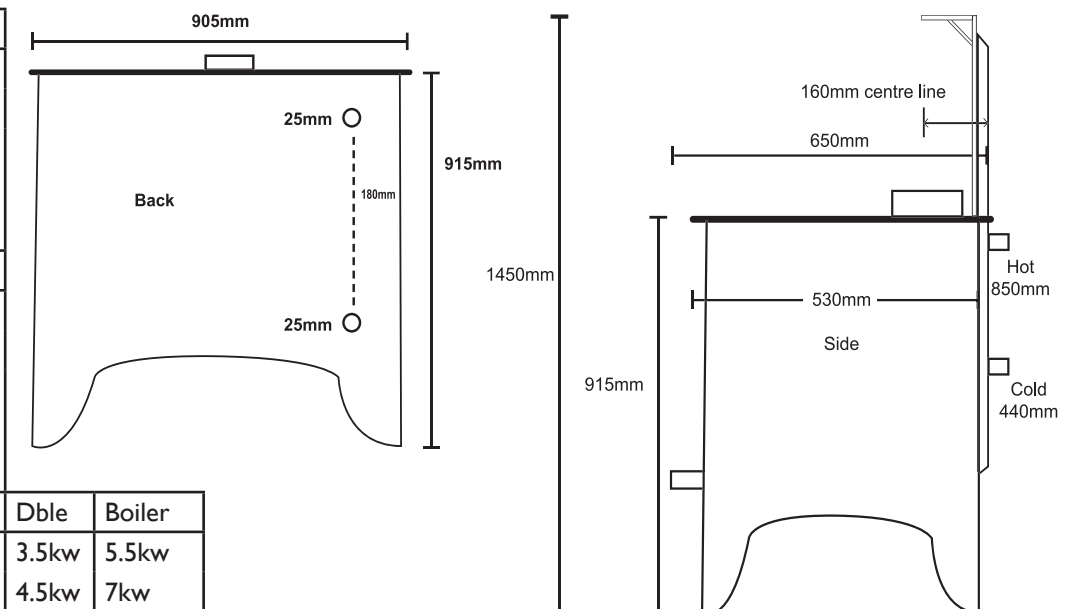
Other screening materials are available and clearance factors can be calculated to AS/NZS2918:2001. Please ask your retailer or contact Wagener Stoves if you need further advice.

NB The Wagener Fairburn will fit into most existing brick alcoves which have previously accommodated an older style wood or coal range. (ie brick with 25mm air space behind). Leg height can be modified to suit if required.

Floor Protector (Ash Hearth): Shall extend under appliance and forward of the fire box opening 300mm, and extend 200mm to the side of the firebox opening (ie 120mm from side of end panel).

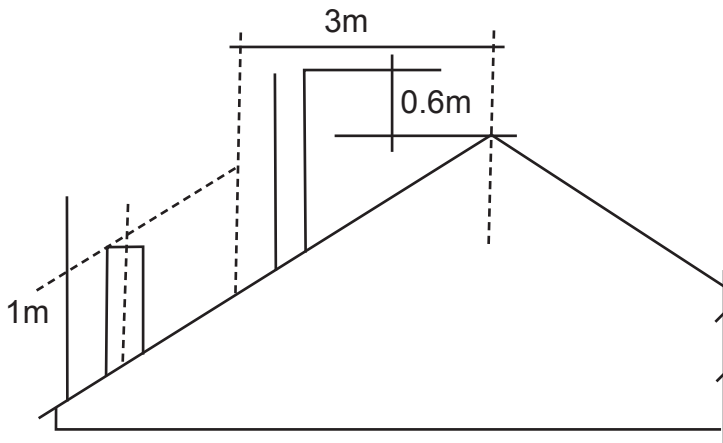
Wagener Fairburn Dimensions

Flue Size	150mm		
Oven Internal Dimensions			
Width	410mm		
Height	360mm		
Depth	465mm		
Oven Wire Racks	4 Heights		
Firebox Internal Dimensions			
Width	250mm		
Height	280mm		
Depth	360mm		
Wetback (Rear outlet)	Single	Dble	Boiler
Estimate on Hardwood	2kw	3.5kw	5.5kw
Estimate on Softwood	2.5kw	4.5kw	7kw
Estimated Heat Output	16kw		
Estimated Weight	300kg		



Flue Installation

The Wagener Fairburn uses a 150mm diameter flue. It is imperative that the connection between the flue and the flue spigot is sealed using a recommended flue sealant. If an offset bend is required it should be as steep as possible to enable ease of cleaning. Extra flue height may be required to compensate for lack of draw. **The performance of the Fairburn depends more on the flue than on any other single component as it is the draw on the flue that drives the Fairburn. We recommend 4.8metres of flue for best performance.**



The top of the flue system should be at least 1000mm above the roof or at least 600mm higher than any obstacle or ridge within 3 metres of the flue. A total minimum vertical flue height ABOVE the cooker of 4.2 metres is normally required for adequate draft. Joints between sections of the flue pipes are push fitted so that the upper section enters the bottom section and must be SEALED using a flue sealant. Each section should be secured to prevent separation using 3 stainless steel self tapping screws or pop rivets. Only flue systems which comply with the AS/NZS 2918-2001 should be used. Please follow flue manufacturers instructions on page 5. '150mm Free Standing Woodfire Flue Kit Installation Instructions'.

