ZERO CLEARANCE BOX INSTRUCTIONS FOR LOGFIRE II & RATA INBUILT/INSERT WOOD FIRE

INSULATED CABINET FOR TIMBER CONSTRUCTION INSTALLATIONS

FOR THE INSTALLATION OF THE KENT LOGFIRE II AND RATA WOOD FIRES INTO A TIMBER WALL CAVITY.

This product has been designed and manufactured to comply with the requirements of AS/NZS2918:2001 for safe installation of a Kent Logfire II or Rata wood fire into a wall cavity instead of a masonry fireplace or chimney. It is important that these instructions are followed exactly, and that no substitutions are made for components supplied with the kit or materials listed. It is suitable only for the Kent Logfire II and Rata models manufactured from 2006 onwards.

INSTALLATION:

The Kent Zero Clearance Box must be installed on a concrete base with a minimum thickness of 50mm. Or a base of heat resistant material with equal or greater insulation qualities than 50mm concrete. This base must be a minimum 795mm wide and 645mm deep behind the finished face of the wall. The base must also extend a minimum of 300mm out in front of the fire fascia in its finished installed position. There must be a minimum clearance of 30mm between the outside surface of the zero clearance box and any timber framing around it.

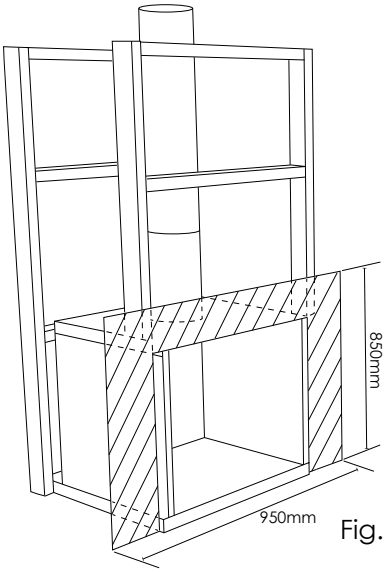


Fig. 1

1. Frame up an opening that is 795mm wide and 665mm above the finished hearth level of the proposed installation, e.g. 50mm concrete + 10 mm tiles.

2. A heat resistant facing panel of 9mm (minimum) promina or similar tested heat resistant panel board (12mm board recommended) must be fitted to the wall framing shown in the shaded area (Fig. 1). This heat resistant wall board lining must be a minimum of 950mm wide and 850mm high above the finished base the fire will be sitting on. Note: often a larger area of non combustible board is easier to install and finish neatly.

3. Ensure there is an opening in the heat resistant facing panel to give a minimum gap of 3mm between the zero clearance box and top of panel cutout, and 25mm either side of the zero clearance box. Recommended cut out size is 785mm wide and 635mm high (Fig. 2).

4. Once the framing is up, and finished wall linings have been determined the zero clearance box can be fixed into position with its front edge level with the proposed finished face of the wall. Secure into position with Dyna-bolts or other suitable fixing screws through holes in base angle brackets attached to the inside front of each side of the zero clearance box. Note: box can be fixed to floor after wall linings are finished to be sure positioning is correct.

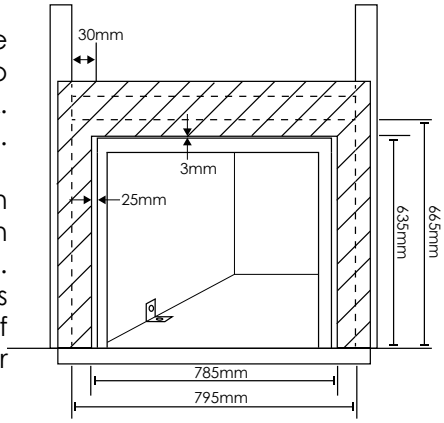


Fig. 2

RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE

FLUE INSTALLATION

The Kent Zero Clearance Box is supplied with a starter flue combo set of 600mm long flue components. This starter flue set is specially designed for this type of installation and must be used as the first flue section fitted to the zero clearance box.

1. The 150mm stainless steel flue fits into the flue spigot on the fire with the swagged end down.
2. The 200mm galvanized flue casing sits down on the fire box with the swagged end facing up.
3. The perforated 250mm galvanized flue casing fits into the top of the zero clearance box, with ventilation holes at the bottom. Both ends of this flue casing are swagged.
4. Kent triple skin flue must be used from 600mm ventilated starter flue all the way up to where the flue ends at the flashing cone under the cowl.

Options:

KWF298-7371 - Kent Zero Clearance Box and 600mm triple skin flue starter kit.

KWF 298-7374 - Kent Zero Clearance Box, 600mm triple skin starter kit, 3 x triple skin flue extensions (3.6mm), 150-250mm flashing cone spider and cowl.

KWF298-6614 - 1.2m Kent triple skin flue extensions 150, 200, 250(mm) flue.

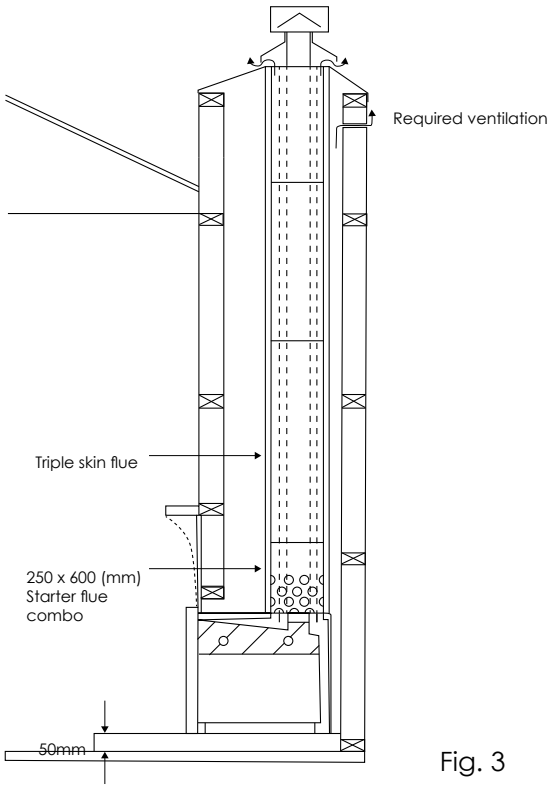


Fig. 3

QUICK ASSEMBLY GUIDE

The Kent Zero Clearance Box comes flat packed and will need to be assembled on site.

1. On a flat surface, stand the side and rear panels up together so the fixing holes align.
2. Use the supplied screws to connect together.
3. Repeat for the other side panel.
4. Place top panel on assembled base and align fixing holes.
5. Screw the top panel to the base with supplied screws.
6. Check all screws are tightened and firm.
7. Once the zero clearance box is fully assembled it can be lifted to its required installation position (Fig. 4).

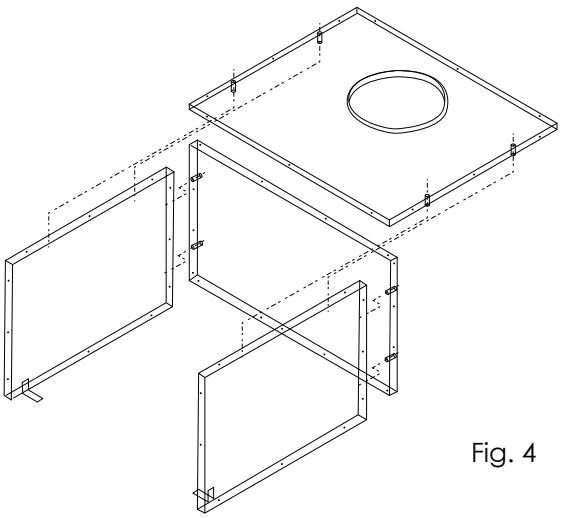


Fig. 4

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