FREESTANDING WOOD FIRE ENERGY SAVER FLUE KIT INSTRUCTIONS

Model No: **KWF298-7006**

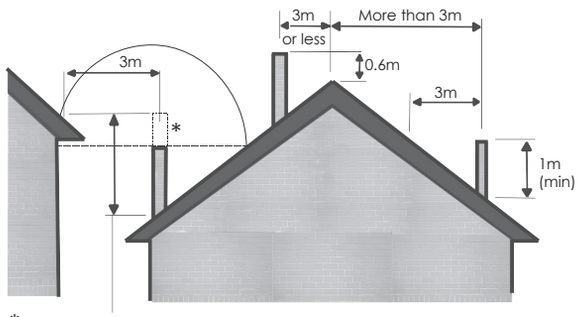
FOR ENERGY SAVING FLUE KIT INSTALLATIONS INTO A TIMBER CAVITY

PLEASE READ THESE INSTRUCTIONS IN CONJUNCTION WITH THE WOOD FIRE INSTALLATION INSTRUCTIONS

This flue system must be installed by an approved installer, ideally registered with the New Zealand Home Heating Association. Do not allow any makeshift or compromising installation methods as this could result in a house fire. This Kent flue system must be installed according to these instructions. A Building Consent from the Local Authority must be obtained before installing a wood fire, and we suggest that the Insurance Company covering building insurance be advised of the installation. This Kent flue, when installed according to these instructions, complies with the provisions of AS/NZS 2918-2001 "Installation of Domestic Solid Fuel Burning Appliances". The clearances given in these instructions are necessary to prevent overheating of nearby combustibles and drying out of the house structure. They may not be reduced without authorisation.

PLEASE READ THESE INSTRUCTIONS IN CONJUNCTION WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS OF SELECTED APPLIANCE:

The flue should be vertical and without bends. If an offset is required, it should be as close to the heater as practicable and should not be offset more than 500mm from the centre line of the flue stub. Clearances from the flue pipe to combustible materials must be maintained (see Table 1 of Heater Installation Manual).



Restrictions or leaks in the flue may reduce the draught, and, in severe conditions, could cause smoke to enter the room. The flue must extend a minimum of 4.6m above the floor protector. The flue cowl must be at least 600mm above the highest point of the roof if within 3 meters from the ridge. No part of the building, or any adjacent building, may be in or above a circular area of a horizontal radius of 3 meters from the flue exit. These heights are given as a general minimum, and in actual practice the presence of surrounding structures, trees, fences, etc. May necessitate additional height for satisfactory performance. The cowl must be fitted to prevent entry of birds, snow and rain. At all flue joints, the swaged end of the upper Apiece must be fitted to the plain end of the lower piece.

INSTALLATION:

1. Select the location for the heater, bearing in mind the clearances required (see Table 1 of Heater Installation Manual).

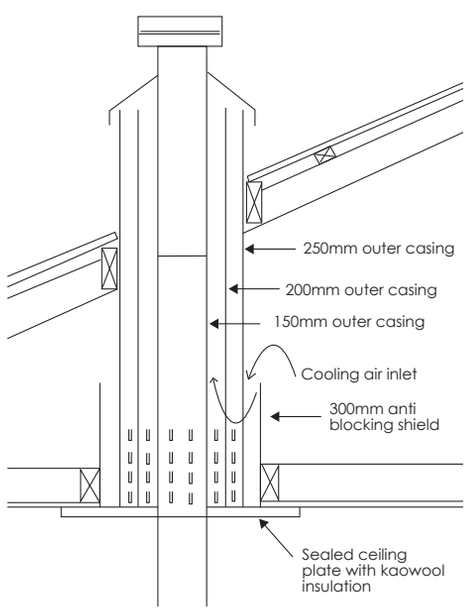
2. Place the heater into the desired position and plumb for the ceiling roof penetrations. Check the proposed route of the flue to ensure it is clear of roof trusses and rafters in the ceiling space or other obstructions. It may be necessary to move the location of the heater to ensure this.

3. Cut a 300mm square hole in the ceiling and trim with battens to support the outer casing.

4. Cut a 250mm hole in the roofing material and trim back any combustible material within 25mm of the opening.

5. Fix the 300mm diameter anti-blocking shield into the hole in the ceiling and fix at the 4 tangential points with its bottom edge level with the underside of the ceiling and the tags downwards.

6. Fit the 250mm diameter casing into the shield, with the perforations down and, holding the bottom edge level with the underside of the ceiling, fold the support tags inwards and up so that they lap onto the inside of the 250mm liner. It is recommended that the fixing of at least one of these tags to the liner through drilling and riveting is done to prevent any movement.



7. Fit an appropriate flashing around the 250mm casing to seal the roof opening.

RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE

Kent products are distributed by: Aber Holdings Ltd T/A Aber, Hamilton
Free Phone: 0800 161 161 Email: www.aber.co.nz

Product specifications are at date of publication and are subject to change without notice.

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