

New Zealand Installation instruction

TO BE USED IN CONJUNCTION WITH OUR STANDARD MANUFACTURES INSTALATION INSTRUCTIONS

Due to the differing NZ wall thicknesses we have designed a stainless steel trunking to accommodate the Lunos “Tube” that holds the fan in place.

1. Under 200mm wall thickness for e2 units.
2. Under 250mm wall thickness for eGo units.

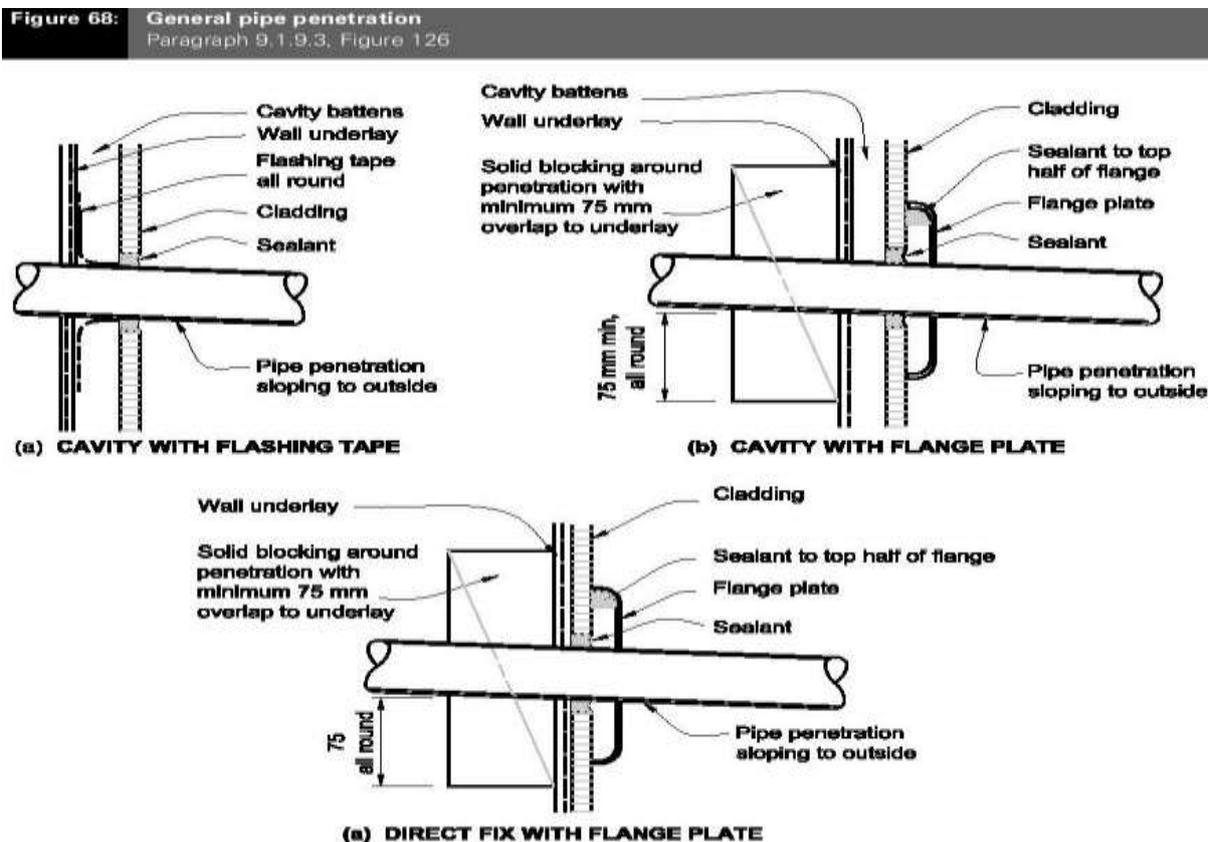
Note: All walls thickness for the “models” above do not require stainless steel trunking, only the PVC round pipe housing.

Fitting the tube/trunking should comply with the NZ building regulation for pipe work penetration of external walls (E2/A S1) Document E2 page 101/102

9.1.9.3 Pipes and service penetrations

Pipes and service penetrations shall be made *weather tight* by using methods shown in Figures 68 and 69. *Flashing* tape complying with Paragraph 4.3.11, and sealant complying with:

- a) Type F, Class 20LM or 25LM of ISO 11600, or
 - b) Low modulus Type II Class A of Federal Specification TT-S-00230C.
- Or recommendation is 50mm+ wide approved flashing tape.



Comment: Where possible, pipe penetrations, meter boxes and similar penetrations should be located in sheltered areas of the building such as porch or be installed behind a weatherproof glazed panel.

Notes:

1. When installing ensure the stainless steel trunking has a min 3mm fall to the outside of the building over a 200mm distance.
2. When placing the tube into the trunking a small amount of sealant should be placed on the bottom of the tube on the external end to prevent rotation of the tube (do not place too much sealant in case there is a need to remove at any time)
3. Likewise a small amount should be placed around the tube and trunking on the internal wall to give an air tight seal for the internal wall.
4. When placing the fan in position, in the tube, place it in at a 25mm minimum from the internal wall (Use a small amount of sealant to hold in place but not too much to ensure removal at a later date if required).
5. If the building framework allows, the stainless steel trunking, should be screwed to the framework in 2 places.
6. When drilling holes in either the tube, or stainless steel trunking, ensure good electrical practices is used to protect the cabling and prevent chaffing of the cables.
7. 12 volt cabling for the system can be standard data cabling/cat5 (The cable will need to be over 200 mtrs to be outside the voltage drop variance).
8. If you require additional sound proofing from outside noises, you are able to fill the cavity between the stainless steel trunking and the outside of the tube with expandable foam, ensuring not to obstruct or block the trunking grill and inlet to the tube. (It is recommended that a blank be fitted at the end of the tube prior to putting the foam in) The foam should be put in by drilling small holes to allow the foam tube in from the inside, ensure you do not over fill forcing the blank out.
9. If you require additional sound proofing inside the tube cavity you can purchase these from us and cut to lengths required on site.



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