SLATE HOODED ROOF VENTILATOR CODE: SRV680

Installation Recommendations

Suitable for standard and non-standard slate sizes and random or diminishing course applications.

If the ventilator is to be used in conjunction with 600 x 300mm man-made slates, the base can be trimmed with a Stanley knife along the trim lines or, should extreme exposure to be a consideration, left as 680 x 450mm for maximum protection.

Having selected the position of the ventilator, proceed to slate the roof to comply with good slating practice or the manufacturers specification until the course is reached immediately below the place the selected for the vent to be fitted.

The two slates immediately underneath the ventilator should be cut to dimensions in Fig. 1.

If a Soil Pipe Adaptor is to be used dimension (B) may be reduced to 60mm.

Before proceeding to fit the ventilator, the underlay should be cut to the diagonals of a rectangle of 165 x 125mm as in Fig. 2. and folded back to the solid line. Where possible the top and bottom triangular flaps should be tacked to the battens, above and below; the left and right hand triangular flaps are to be folded outwards and underneath the ventilator. Whether using man-made or natural slate, a copper disc rivet should be used, and the tang of the rivet placed through the hole provided in the bottom of the ventilator and bent over to secure it.

The slates above the ventilator should now be trimmed to fit snugly around the hood upstand. This must be done correctly to ensure the integrity of the roof.

Care must be taken to maintain adequate side and head laps. Refer to guidelines in BS 5534 the code of practice for slating and tiling.

When slating over the two sides and rear of the ventilator they should be cut to abut the two sides and rear of the ventilator upstand as close as possible to afford maximum protection, ensuring the bond is maintained throughout.

Soil Pipe Adaptor

Should the HD SRV680 be required to perform soil ventilation or mechanical extraction, the roof underlay should be cut and folded back on the solid lines as in Fig. 3.

The adaptor must be fitted to the vent prior to installation.

Slate Cutting

Dimension A (see Fig. 1)

100mm headlap
600 x 300mm = 150mm
500 x 250mm = 100mm
450 x 225mm = 75mm

75mm headlap
600 x 300mm = 140mm
500 x 250mm = 90mm
450 x 225mm = 65mm

Fig. 1. Slate cutting dimensions

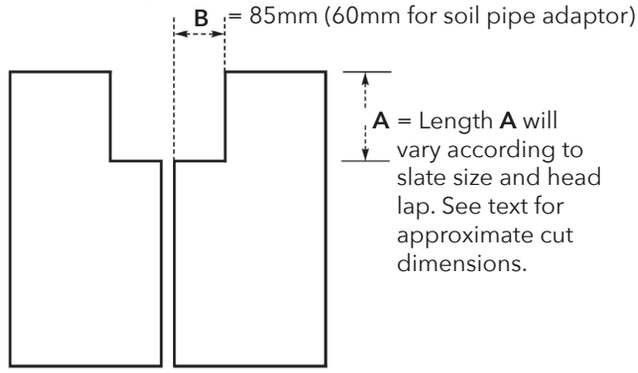
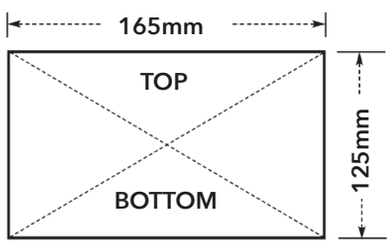
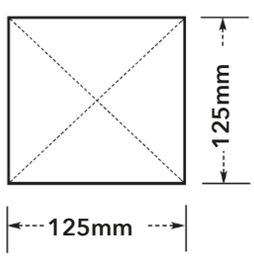


Fig. 2. Roof underlay cutting and folds
to achieve full 20,000mm² through flow of air

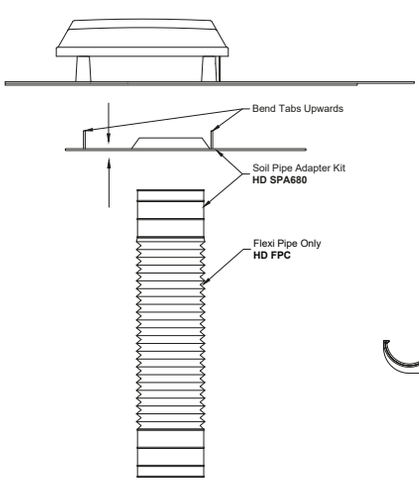


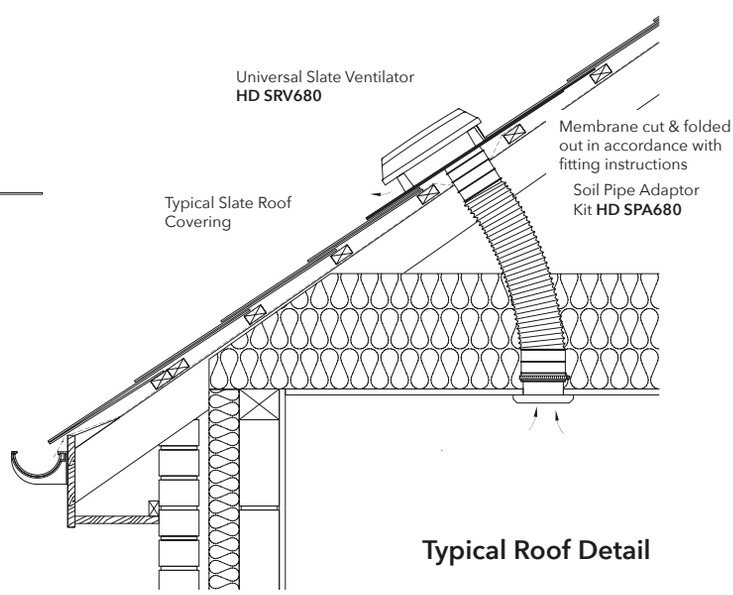
Note: When cutting the slates and underlay it is important to ensure that the opening in the roof aligns with the opening on the underside of the vent.

Fig. 3. Roof underlay cutting/folding for soil pipe adaptor



The dotted lines on these diagrams show where the cuts in the underlay should be made. The triangular underlay flaps are then lifted and folded back.





Typical Roof Detail

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