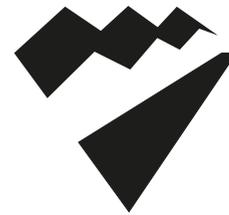


# HD SRV680 Slate Roof Vent Installation Details



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

## SRV 680 SLATE ROOF VENTILATOR

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

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

The two slates immediately underneath the vent should be cut to dimensions in fig 1.

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

Before proceeding to fit the vent, the roofing 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 must be positioned between the two slates immediately below the bottom edge of the ventilator, 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 vent must now be trimmed to fit snugly around the canopy/hood upstand. This must be done correctly to ensure the integrity of the roof.

Great care must be taken to maintain adequate side and head laps. Refer to guidelines in BS 5534 : 2003 Code of practice for slating and tiling (including shingles).

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

### Soil Pipe/Mechanical Adapter

Should the 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.

### 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

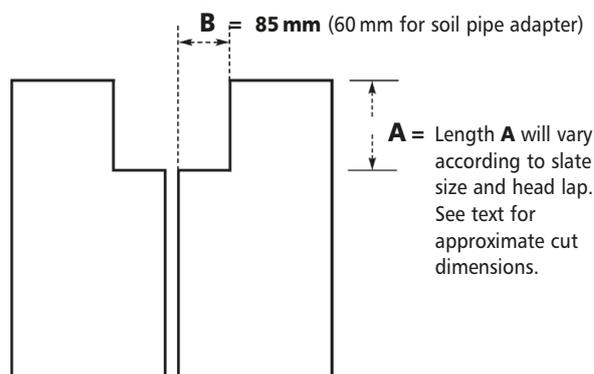
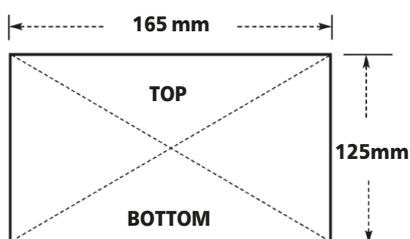
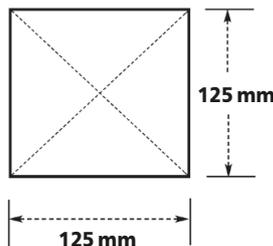


FIG. 2. Roof underlay cutting and folds to achieve full 20,000 mm<sup>2</sup> through flow of air



**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 adapter



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

**For further advice on the fitting of this product, or any other technical information please contact:-**

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