

## Installation & Operation Guide



### Preparation

1. Prepare the slots and pre drill the holes as per Table 1 (overleaf), avoiding glazing rebates.
2. Screws should be Pan-head screws (e.g. No.6 x 5/8 self-tap Pan Pozi S/S A2) (included). Do not use Countersunk screws.

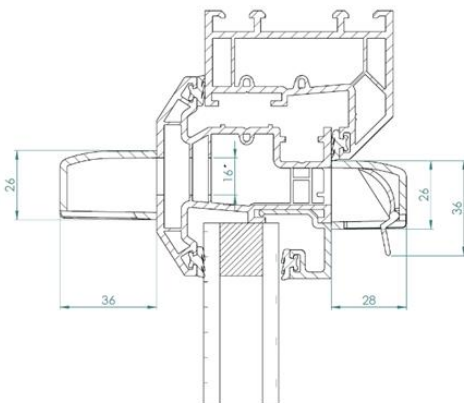
### Fitting the Internal Vent (See Table 1)

1. Place the vent over the slot ensuring that the pre drilled holes are in line with the holes in the vent body.
2. Screw the vent to the frame (care should be taken not to over tighten the screws).
3. Insert the vent screw covers.
4. Vent can be installed upward or downward facing.

### Fitting the External Hood (See Table 1)

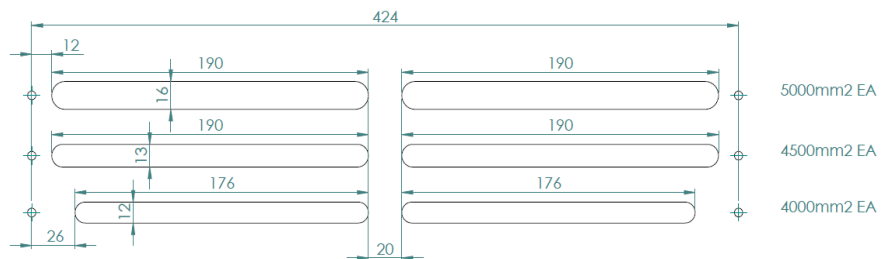
1. Place the hood over the slot ensuring that the pre drilled holes are in line with the holes in the hood body.
2. Screw the hood to the frame (care should be taken not to over tighten the screws).
3. Insert the hood screw cover caps.

### Cross Section Dimensions



\*See diagram for slots sizes (16/13/12 mm)

### Slot Details



## Installation Instructions

Table1

Min Geometric Open Area (sq.mm)	O/A Slot Height (mm)	O/A Slot Length (mm)	O/A Vent Length (mm)	Vent Hole Centres (mm)	O/A Hood Length (mm)	Hood Hole Centres (mm)
4000	12	176	450	424	450	424
4500	13	190	450	424	450	424
5000	16	190	450	424	450	424

## Operation

1. To open the vent grip the control lever and Push to open.
2. To close the vent grip the control lever and Pull to close.
3. Do not block the internal vent or external hood.

For the ventilation to work effectively the vent should be left in the open position as much as possible to maintain the indoor air quality and a healthy indoor environment.

## Maintenance

The SM TIP Vent requires very little maintenance other than the occasional cleaning.

- ✓ Wipe the ventilator with a clean damp cloth. The frequency at which this needs to be done is dependent on local conditions.
- ✓ Clean away blockages with a soft brush or cloth.
- ✓ Do not lubricate.
- ✓ Where there is access and it is safe to do so; the above instructions also apply to the hood.