

SF Sound Attenuator Vent

Surface mounted noise reducing ventilator



SF Sound Attenuator internal

SF Sound Attenuator external

For use on PVCu, timber or aluminium windows

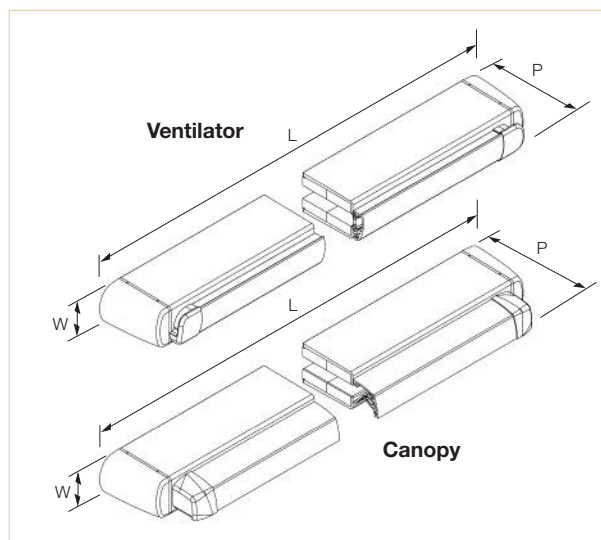
The SF Sound Attenuator ventilator is a slot ventilator which provides high levels of sound attenuation compared to similar 'acoustic' products, in a compact size. The SF Sound Attenuator can be purchased in a number of combinations based on different sizes of inner (ventilator) and outer (canopy). Combinations can be chosen depending on sound attenuation requirement and

aesthetic acceptance.

The product is a cost effective method of reducing incoming noise where conventional slot ventilators are unable to assist in acoustic issues. The SF Sound Attenuator comes fitted with an Titon SF Ventilator and/or SF Canopy and fits over the standard SF, Trimvent Select or Select Xtra slot size.

Features and Benefits

- **Cost effective sound attenuating ventilator**
- **Independently tested by Sound Research Laboratories in accordance with BSEN20140-10:1992, ISO140-10:1991**
- **Vent sizes available: V25, V50, V75 and canopy sizes: C25 and C50**
- **Can provide up to 40 D (n,e,w) attenuation, depending on combination**
- **Suitable for use in domestic or non-domestic installations**
- **Ideal for retrofit applications, over an existing slot**
- **Available in a range of combinations to suit different acoustic specifications**
- **Fits over a standard SF, Trimvent Select or Trimvent Select Xtra slot size**
- **Supplied with SF Ventilator and/or SF Canopy fitted**
- **Compression closing action**
- **High performance gasket on ventilator improves sealing in adverse conditions**
- **For use over a 13mm slot**
- **Screw covers**



Details

| Product | Product Code | (L) Length | (W) Width | (P) Projection Closed-Open | EA (mm ²) | Free Area (mm ²) | Slot Detail |
|--------------------------------|--------------|------------|-----------|----------------------------|-----------------------|------------------------------|----------------------|
| SF 2500EA standard vent | TA5200 | 425 | 28 | 11.5 - 23 | 2500 | 4207 | |
| SF 418 standard canopy | TA5005 | 418 | 23 | 27 | 2500 | 5114 | |
| SF Sound Attenuator V25 vent | TA5201 | 464 | 35 | 38.5 - 50 | 2500 | 3470 | |
| SF Sound Attenuator C25 canopy | TA5202 | 464 | 35 | 54 | 2500 | 3470 | 173.5 20 173.5 13 |
| SF Sound Attenuator V50 vent | TA5203 | 464 | 35 | 63.5 - 75 | 2500 | 3470 | |
| SF Sound Attenuator C50 canopy | TA5204 | 464 | 35 | 79 | 2500 | 3470 | |
| SF Sound Attenuator V75 vent | TA5205 | 464 | 35 | 88.5 - 100 | 2500 | 3470 | |

Acoustic ratings

| | Open | Closed |
|-----------------------|------------------------------------|------------------------------------|
| V75 + C50 | $D_{n,e,w}(C;Ctr) = 40 (-1;-3)$ dB | $D_{n,e,w}(C;Ctr) = 50 (-1;-4)$ dB |
| V75 + standard canopy | $D_{n,e,w}(C;Ctr) = 39 (-1;-2)$ dB | $D_{n,e,w}(C;Ctr) = 47 (-2;-4)$ dB |
| V50 + C25 | $D_{n,e,w}(C;Ctr) = 38 (-1;-3)$ dB | $D_{n,e,w}(C;Ctr) = 48 (0;-3)$ dB |
| V50 + standard canopy | $D_{n,e,w}(C;Ctr) = 37 (-1;-2)$ dB | $D_{n,e,w}(C;Ctr) = 48 (-1;-3)$ dB |
| V25 + C25 | $D_{n,e,w}(C;Ctr) = 36 (-1;-2)$ dB | $D_{n,e,w}(C;Ctr) = 50 (-1;-4)$ dB |
| V25 + standard canopy | $D_{n,e,w}(C;Ctr) = 35 (-1;-1)$ dB | $D_{n,e,w}(C;Ctr) = 47 (-1;-3)$ dB |
| Standard vent + C25 | $D_{n,e,w}(C;Ctr) = 35 (-1;-2)$ dB | $D_{n,e,w}(C;Ctr) = 54 (-2;-6)$ dB |

Manufactured from

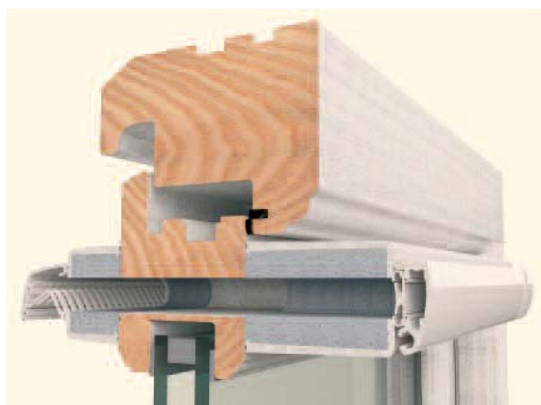
Aluminium 6063 HIT T6, component parts POM, Acoustic Foam

Recommended screws

4mm (No.8) Round Head or equivalent
When fitting to PVCu screw must go through two walls or into reinforcement

Standards

Tested in accordance with BSEN20140-10:1992, ISO140-10:1991



Through sash

Performance

Equivalent Area – 2500mm²
Free Area – 3470mm²
Air Leakage (m³/hr @ 50Pa) – 1.17 m³/h
Water Resistance (Pa) - 600Pa (closed)
Acoustic – See table above

Finishes

Suffix product code with -020 (white).
Other finishes available dependent on quantity.

More information

Contact the distributor for your country, details at www.titon.com.