

SF Xtra Sound Attenuator Vent

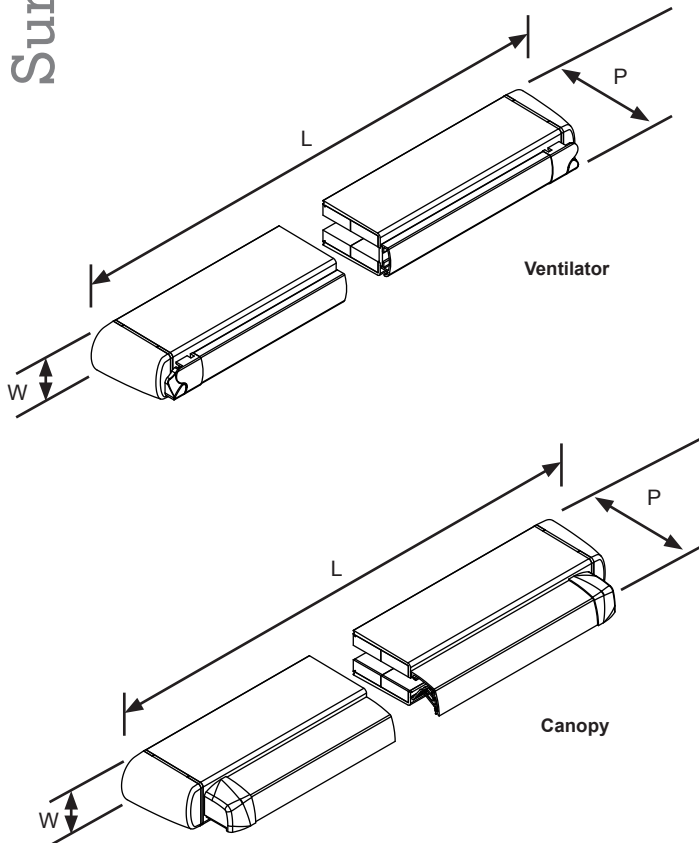
Surface mounted noise reducing ventilator



SF Xtra Sound Attenuator Internal

For use on PVCu, timber or aluminium windows

The SF Xtra 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 Xtra 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 the sound attenuation requirement and can achieve up to $D_{n,e,w} (C;Ctr) = 44 (-2;-3)$ dB when the vent is open. The product is a cost effective method of reducing incoming noise in situations where conventional slot ventilators are unable to assist with acoustic issues. The SF Xtra Sound Attenuator comes fitted with a Titon SF Xtra Ventilator and/or SF Canopy and fits over the standard SF, Trimvent Select or Select Xtra slot size.



SF Xtra Sound Attenuator External

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, C50 and C75
- Can provide up to 44 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 SFX Ventilator and/or SF Canopy fitted
- High performance gasket combined with compression closing action improves sealing in adverse conditions
- Can be mounted to deflect air upwards or downwards
- For use over a 13mm slot
- Special paint finishes available

Details

Product	Product Code	(L) Length	(W) Width	(P) Projection Closed- Open	Free Area (mm ²)	Slot Detail
SF Xtra 2500EA Vent Only	TA5220	434	23	10-24	4438	
SF 418 Canopy Only	TA5005	418	23	27	5114	
SF Xtra Sound Attenuator Vent 25mm	TA5221	464	35	37-51	3470	
SF Sound Attenuator Canopy 25mm	TA5202	464	35	54	3470	173.5 20 173.5 13
SF Xtra Sound Attenuator Vent 50mm	TA5223	464	35	62-76	3470	
SF Sound Attenuator Canopy 50mm	TA5204	464	35	79	3470	
SF Xtra Sound Attenuator Vent 75mm	TA5225	464	35	87-101	3470	
SF Sound Attenuator Canopy 75mm	TA5206	464	35	104	3470	

	Open	Closed	EA (mm ²)
V75 + C75	Dn,e,w (C;Ctr) = 44 (-2;-3)dB	Dn,e,w (C;Ctr) = 55 (-1;-5)dB	2500
V75 + C50	Dn,e,w (C;Ctr) = 42 (-1;-2)dB	Dn,e,w (C;Ctr) = 55 (-2;-5)dB	2500
V75 + standard canopy	Dn,e,w (C;Ctr) = 40 (-1;-2)dB	Dn,e,w (C;Ctr) = 53 (-1;-4)dB	2500
V50 + C25	Dn,e,w (C;Ctr) = 39 (-1;-2)dB	Dn,e,w (C;Ctr) = 55 (-2;-5)dB	2500
V50 + standard canopy	Dn,e,w (C;Ctr) = 38 (-1;-2)dB	Dn,e,w (C;Ctr) = 55 (-2;-5)dB	2500
V25 + C25	Dn,e,w (C;Ctr) = 36 (0;-2)dB	Dn,e,w (C;Ctr) = 55 (-1;-5)dB	2500
V25 + standard canopy	Dn,e,w (C;Ctr) = 35 (0;-1)dB	Dn,e,w (C;Ctr) = 54 (-1;-4)dB	2500
Standard vent + C25	Dn,e,w (C;Ctr) = 35 (0;-1)dB	Dn,e,w (C;Ctr) = 55 (1;-5)dB	2500
Standard vent + standard SF canopy	Dn,e,w (C;Ctr) = 32 (-1;0)dB	Dn,e,w (C;Ctr) = 52 (-2;-4)dB	2500

Manufactured from

Aluminium 6063A T6, component parts POM

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 BS EN 13141-1:2004 (air flow air leakage and weather tightness)

Finishes

Suffix product code with -20 (white)
Other finishes available dependent on quantity

Performance

(Full details available on request)
Equivalent Area - See above
Free Area - See above

Air Leakage - 0.11m³/hr @ 50Pa
(Vent and Canopy only)
Water Resistance (Pa) - 750Pa
Acoustic Dn,e,w - see above

NB: For optimum performance the ventilator should be installed on a flat surface free from defects, and sealant should be used along all edges to achieve the desired acoustic result.