

# SF Xtra Sound Attenuator Vent

Surface mounted noise reducing ventilator



SF Xtra Sound Attenuator internal

Suitable for:

PVCu



ALUMINIUM



TIMBER



**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 the 2500mm<sup>2</sup> EA version over the standard SF, Trimvent Select or Select Xtra slot size.



SF 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**
- **2500mm<sup>2</sup> EA and 5000mm<sup>2</sup> EA versions available**
- **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 SF Xtra 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**

Product	Product Code	(L) Length	(W) Width	(P) Projection Closed-Open	Free Area (mm <sup>2</sup> )	Slot Detail
SF Xtra 2500EA vent only	TA5220	425	28	10-24	4207	
SF 418 Canopy only	TA5005	418	23	27	5114	
SF Xtra Sound Attenuator 2500EA vent 25mm	TA5221	464	35	37-51	3470	
SF Sound Attenuator 2500EA canopy 25mm	TA5202	464	35	54	3470	
SF Xtra Sound Attenuator 2500EA vent 50mm	TA5223	464	35	62-76	3470	
SF Sound Attenuator 2500EA canopy 50mm	TA5204	464	35	79	3470	
SF Xtra Sound Attenuator 2500EA vent 75mm	TA5225	464	35	87-101	3470	
SF Sound Attenuator 2500EA canopy 75mm	TA5206	464	35	104	3470	
SF Xtra Sound Attenuator 5000EA Vent 75mm	TA5235	523	35	87-101	5517	
SF Sound Attenuator 5000EA Canopy 75mm	TA5236	523	35	113.5	5517	

### Acoustic Ratings

Product	Open	Closed	EA (mm <sup>2</sup> )
V75 + C75 (2500EA)	$D_{n,e,w}(C;Ctr) = 44 (-2;-3)dB$	$D_{n,e,w}(C;Ctr) = 55 (-1;-5)dB$	2500
V75 + C50 (2500EA)	$D_{n,e,w}(C;Ctr) = 42 (-1;-2)dB$	$D_{n,e,w}(C;Ctr) = 55 (-2;-5)dB$	2500
V75 + standard canopy (2500EA)	$D_{n,e,w}(C;Ctr) = 40 (-1;-2)dB$	$D_{n,e,w}(C;Ctr) = 53 (-1;-4)dB$	2500
V50 + C25 (2500EA)	$D_{n,e,w}(C;Ctr) = 39 (-1;-2)dB$	$D_{n,e,w}(C;Ctr) = 55 (-2;-5)dB$	2500
V50 + standard canopy (2500EA)	$D_{n,e,w}(C;Ctr) = 38 (-1;-2)dB$	$D_{n,e,w}(C;Ctr) = 55 (-2;-5)dB$	2500
V25 + C25 (2500EA)	$D_{n,e,w}(C;Ctr) = 36 (0;-2)dB$	$D_{n,e,w}(C;Ctr) = 55 (-1;-5)dB$	2500
V25 + standard canopy (2500EA)	$D_{n,e,w}(C;Ctr) = 35 (0;-1)dB$	$D_{n,e,w}(C;Ctr) = 54 (-1;-4)dB$	2500
Standard vent + C25 (2500EA)	$D_{n,e,w}(C;Ctr) = 35 (0;-1)dB$	$D_{n,e,w}(C;Ctr) = 55 (1;-5)dB$	2500
Standard vent + standard SF canopy (2500EA)	$D_{n,e,w}(C;Ctr) = 32 (1;0)dB$	$D_{n,e,w}(C;Ctr) = 52 (-2;-4)dB$	2500
V75 + C75 (Hi Spec Foam) (5000EA)	$D_{n,e,w}(C;Ctr) = 40 (-2;-3)dB$	$D_{n,e,w}(C;Ctr) = 51 (-1;-4)dB$	5000

### Manufactured from

Aluminium 6063A T6, component parts POM

### Recommended screws

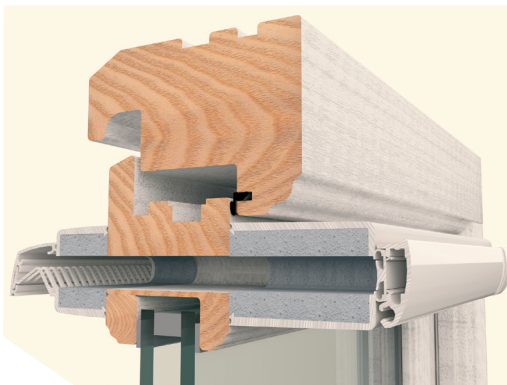
4mm (No.8) Round Head or equivalent  
When fitting to PVCu screw must go through two walls or into reinforcement

### Standards

Tested in accordance with BS EN 13141-1:2004 (airflow air leakage and weather tightness)

### Finishes

Suffix product code with -20 (white)  
Other colour options available. Please contact sales for details.



Through sash

### Performance

(Full details available on request)  
Equivalent Area – See above  
Free Area – See above  
Air Leakage – 0.11m<sup>3</sup>/hr @ 50Pa (Vent and Canopy only)  
Water Resistance (Pa) – 750Pa  
Acoustic  $D_{n,e,w}$  – 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.

### More information

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