

# SF Xtra Sound Attenuator

## Surface mounted noise reducing ventilator

### Suitable for PVCu, Aluminium and 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.

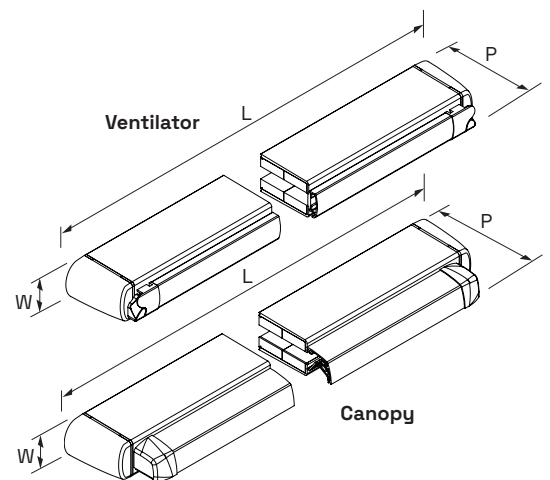
The product is a cost effective method of reducing incoming noise in situations where conventional slot ventilators are unable to assist with acoustic issues.




The SF Xtra Sound Attenuator comes fitted with a Titon SF Xtra Ventilator and/or SF Canopy (HF Canopy for 5000EA version) and fits the 2500mm<sup>2</sup> EA version over the Trimvent® Select, Trimvent® 4000 Hi Lift or Select Xtra slot size.



### Features & 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, 4000mm<sup>2</sup> 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 Trimvent® Select, Trimvent® 4000 Hi Lift or Trimvent® Select Xtra slot size
- Supplied with SF Xtra Ventilator and/or SF Canopy fitted (HF Canopy for 5000EA version)
- 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	173.5 20 173.5
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 Sound Attenuator 4000EA Vent 75mm	TA5233	410	35	87-101	4065	
SF Sound Attenuator 4000EA Canopy 75mm	TA5234	410	35	113.5	4065	
SF Xtra Sound Attenuator 5000EA Vent 75mm	TA5235	523	35	87-101	5517	
HF Sound Attenuator 5000EA Canopy 75mm	TA5236	523	35	113.5	5517	

Product	EA (mm <sup>2</sup> )	Open	Closed
TA5225 (V75) + TA5206 (C75) 2500EA	2500	$D_{n,e,w}(C;Ctr) = 44 (-2;-3)$ dB	$D_{n,e,w}(C;Ctr) = 55 (-1;-5)$ dB
TA5225 (V75) + TA5204 (C50) 2500EA	2500	$D_{n,e,w}(C;Ctr) = 42 (-1;-2)$ dB	$D_{n,e,w}(C;Ctr) = 55 (-2;-5)$ dB
TA5225 (V75) + TA5005 (SF 418) 2500EA	2500	$D_{n,e,w}(C;Ctr) = 40 (-1;-2)$ dB	$D_{n,e,w}(C;Ctr) = 53 (-1;-4)$ dB
TA5223 (V50) + TA5202 (C25) 2500EA	2500	$D_{n,e,w}(C;Ctr) = 39 (-1;-2)$ dB	$D_{n,e,w}(C;Ctr) = 55 (-2;-5)$ dB
TA5223 (V50) + TA5005 (SF 418) 2500EA	2500	$D_{n,e,w}(C;Ctr) = 38 (-1;-2)$ dB	$D_{n,e,w}(C;Ctr) = 55 (-2;-5)$ dB
TA5221 (V25) + TA5202 (C25) 2500EA	2500	$D_{n,e,w}(C;Ctr) = 36 (0;-2)$ dB	$D_{n,e,w}(C;Ctr) = 55 (-1;-5)$ dB
TA5221 (V25) + TA5005 (SF 418) 2500EA	2500	$D_{n,e,w}(C;Ctr) = 35 (0;-1)$ dB	$D_{n,e,w}(C;Ctr) = 54 (-1;-4)$ dB
TA5220 (SF Xtra Vent) + TA5202 (C25) 2500EA	2500	$D_{n,e,w}(C;Ctr) = 35 (0;-1)$ dB	$D_{n,e,w}(C;Ctr) = 55 (1;-5)$ dB
TA5220 (SF Xtra Vent) + TA5005 (SF 418) 2500EA	2500	$D_{n,e,w}(C;Ctr) = 32 (1;0)$ dB	$D_{n,e,w}(C;Ctr) = 52 (-2;-4)$ dB
TA5233 (V75) + TA5234 (C75) 4000EA	4000	$D_{n,e,w}(C;Ctr) = 40 (-1;-3)$ dB	$D_{n,e,w}(C;Ctr) = 49 (-1;-4)$ dB
TA5235 (V75) + TA5236 (C75 - Hi Spec Foam) 5000EA	5000	$D_{n,e,w}(C;Ctr) = 40 (-2;-3)$ dB	$D_{n,e,w}(C;Ctr) = 51 (-1;-4)$ dB

## Manufactured from

Aluminium 6063A T6, component parts POM

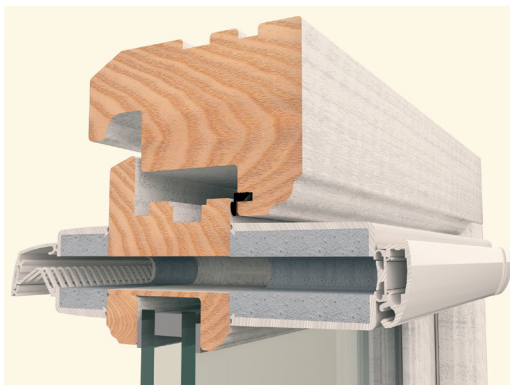
## Recommended screws

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)



Through sash

## Finishes

Suffix product code with -20 (white)

Other colour options available. Please contact sales for details.

## 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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