

Simon

Acoustic Solutions - Simons have launched a range of acoustic ventilators to assist clients in creating a satisfactory solution for all their acoustic requirements. All ventilators in the range meet the requirements of Document F and Document E of the Building Regulations

Simon Acoustic Ventilators

Specification

- Sound reduction of up to 41dB
- All models have been independently tested in accordance with BS EN ISO 717-1:1997 (airborne sound insulation & BS EN 20140-10:1992)
- Acoustic canopy available in any standard RAL colour and silver anodised finish
- Available in 5 internal options
- All options can be supplied on carrier bar
- Some models available with humidity control
- All models have a minimum Equivalent Area of 2,500mm²
- Meets World Health Organisation recommended reduction of 33dB



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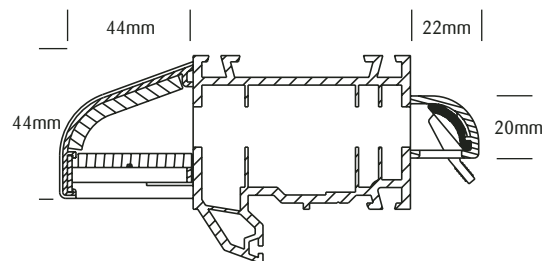
Web: www.rwsimon.co.uk



Simon
Air Management
Systems

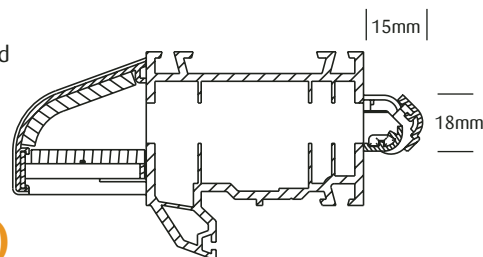
Simon Acoustic FV (Framevent)

- Supplied with a PVCu internal flap unit and aluminium external canopy
- 4080^{mm2} measured area 2500^{mm2} Equivalent Area
- Available with white, bright white, mahogany & tan internals and any standard RAL colour or anodised external aluminium canopy
- Achieves sound reduction of 40dB closed and 33dB open
- Rod options available



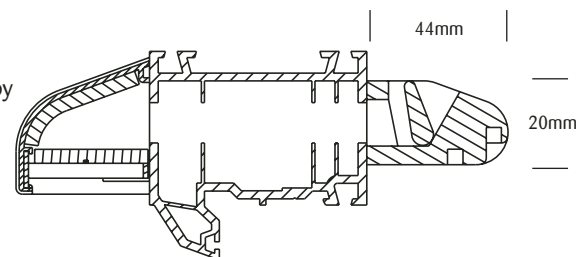
Simon Acoustic SL (Slimline)

- Manufactured fully from aluminium. Available in any standard RAL colour, or anodised internal and externals
- 4080^{mm2} measured area 2,500^{mm2} Equivalent Area
- Achieves sound reduction of 39dB closed and 33dB open
- Rod options available



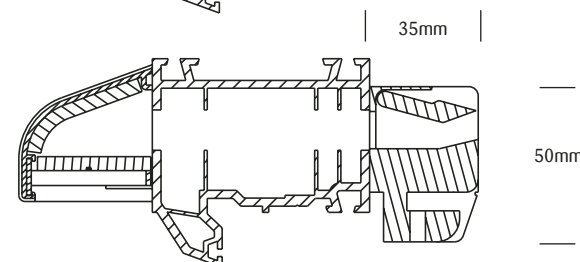
Simon Acoustic EMM (Humidity Controlled)

- Internal unit and an aluminium external canopy
- Achieves 2500^{mm2} Equivalent Area
- Available in white internally and any standard. RAL colour or anodised external canopy
- Uses a hygromatic sensor which opens and closes the flap dependent on the amount of moisture in the room
- Achieves sound reduction of 39dB closed and 33dB open



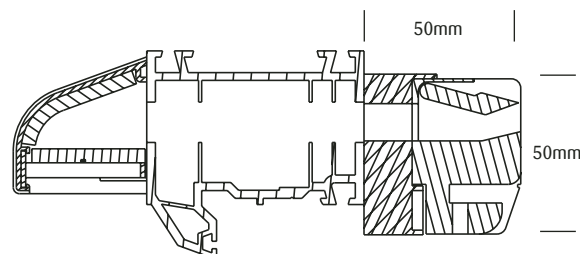
Simon Acoustic EHA

- Internal automatic opening unit and aluminium external canopy
- Achieves a minimum Equivalent Area of 2500^{mm2}
- Available in white internally and any standard RAL colour or anodised external
- Uses a hygromatic sensor which opens and closes the flap dependent on the amount of moisture in the room
- Achieves sound reduction of 38dB closed and 36dB open



Simon Acoustic EHAS

- Internal automatic opening unit and aluminium external canopy
- Has a minimum Equivalent Area of 2500^{mm2}
- Available in white internally and any standard RAL polyester powder coated finish or anodised external canopy
- Uses a hygromatic sensor which opens and closes the flap dependent on the amount of moisture in the room.
- Includes additional acoustic sleeve to increase the acoustic properties
- Achieves sound reduction of 41dB closed and 38dB open



Specifications

	dB Closed	dB open	EA to BS 13141-1	Measured Area ^{mm2}	Dimensions Int.	Dimensions Ext	Slot size
Simon Acoustic F V	40	33	2830	4080	400 x 20	431 x 45	340 x 12
Simon Acoustic SL	39	33	2967	4080	375 x 18	431 x 45	340 x 12
Simon Acoustic EMM	39	33	3199	4080	420 x 30	431 x 45	340 x 12
Simon Acoustic EHA	38	36	2799	4080	420 x 50	431 x 45	340 x 12
Simon Acoustic EHAS	41	38	2799	4080	420 x 50	431 x 45	340 x 12

Internal Colour Options

Simon Acoustic FV	White, Brown and Tan
Simon Acoustic SL	Any RAL colour and silver anodised
Simon Acoustic EMM	White only
Simon Acoustic EHA	White only
Simon Acoustic EHAS	White only

All the above acoustic vents can be supplied on glazed in carrier bar.

By adding additional units the acoustic performance may be reduced.

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