

Sonair - Ventilation Systems

Sales Brochure



Sonair F+

Effective sound attenuation with mechanical ventilation

Sonair F+ is a wall mounted mechanical input ventilation unit which when switched on provides background trickle ventilation and excellent noise attenuation.

With acoustics becoming an important factor in densely populated areas, the requirement for sound attenuating ventilators has never been greater.

Where standard/acoustic trickle ventilators cannot provide the necessary attenuation levels, more sophisticated solutions are required. The Sonair achieves exceptional noise reduction whilst filtering and cleaning the air around you.



Simple LCD Control designed to regulate between mechanical ventilation and passive trickle ventilation.

Discreet Design ideal for refurbishment and retro fit applications.

Ultra Quiet Running reducing noise pollution whilst supplying fresh air to make a comfortable environment.

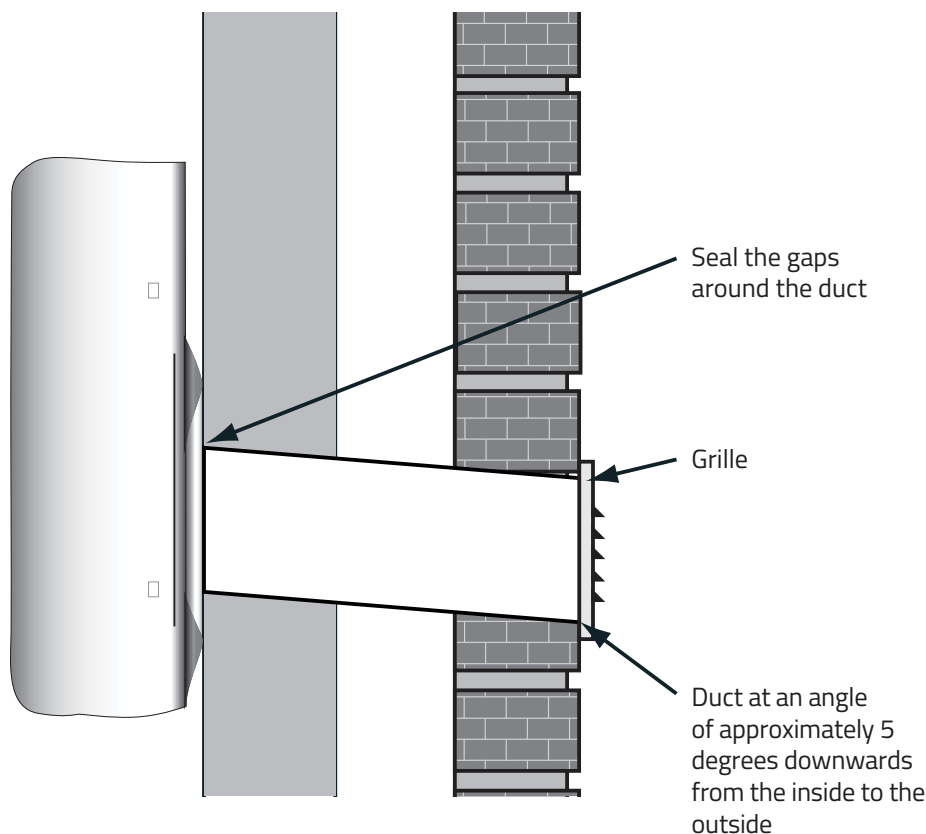
Effective Filters offering either G3 or F6 filters to protect against external pollutants.

Benefits & Features

- Exceptional attenuation of external noise pollution (up to 56dB), ideal for built up areas effected by traffic, railways and general noise pollution
- Sonair F+ ventilates and cleans the air
- Independently tested by the BRE
- Air cleaning and filtration
- Low energy consumption
- Straight forward install with no complications
- Meets guidelines for occupant accessibility
- Increase occupant awareness of system operation
- Supplied with a flexible cable and a 13 amp plug
- For use in conjunction with Titon trickle vents
- Unit can be cleaned and serviced without disturbing ducting



Installation



Dimensions

445 (H) x 310 (W) x 134 (D)

Performance

(Full test details available on request)

Input airflow rate (m³/h) – 28-225

Acoustic D_{n,e,w} (*) – 55/56* (Sonair F+).

*depends on filter

Tested to the 'Noise Insulation Regulations'

Capacity	Sonair F+	
	G3/ISO Coarse 45% Filter	F6/ISO ePM2.5 50% Filter
30 m³/h	<11.5	<19
45 m³/h	<18.5	27
60 m³/h	23.5	33
90 m³/h	34	41.5
140 m³/h	43.5	51.5
Sound Attenuation according to ISO 140-10		
D _{n,e,w} dB (A)	56	55

Independently tested to requirements of noise insulation regulations.

Sound Production

Sound pressure level, LpA; 10 m² according to ISO 3741

Product Codes

Product	Product Code
Sonair F+ including G3/ISO Coarse 45% Filter	S103SAUK
Sonair Filter G3/ISO Coarse 45%	F211
Sonair Filter F6/ISO ePM2.5 50%	F209

Housing

Plastic ABS white RAL 9003

Voltage

220-240V/50 Hz

Energy Consumption

Max. 13 Watt at 17 l/s (60 m³/hour)

Max. 43 Watt at 62.5 l/s (225 m³/hour)

Ventilation Capacity

Max. 62.5 l/s (225 m³/hour) with a G3/ISO Coarse 45% filter

Warranty

2 years

Ducting

100 mm (standard)