

Fan Filter Unit

S-Range

A versatile and effective air filtration unit, used in a wide variety of applications, the Fan Filter Unit is available in a wide range of sizes. Each is fully self-contained with its own pre-filter, HEPA filter and air distribution fan, internally controllable to permit compensation for increasing resistance across the HEPA filter.

The S-range is constructed from high quality carbon steel powder coated white and is also available in stainless steel

BSEN ISO 14644 (ISO Class 4 & 5)



Optional Features

Options Include:

- Full Installation services available
- Units can be built to any specific requirement
- Bespoke order sizes (length, width & height)
- HEPA filter fitted as standard, ULPA Filter available on request
- Stainless steel mesh filter face for use with stainless units
- Alternative power supply
- Alternative colours available
- Support angles
- Front screens
- Adaptation to accept ductwork connections
- Flexible anti-static PVC curtain (strip or sheet)
- Static eliminator bar c/w controller

Control Options

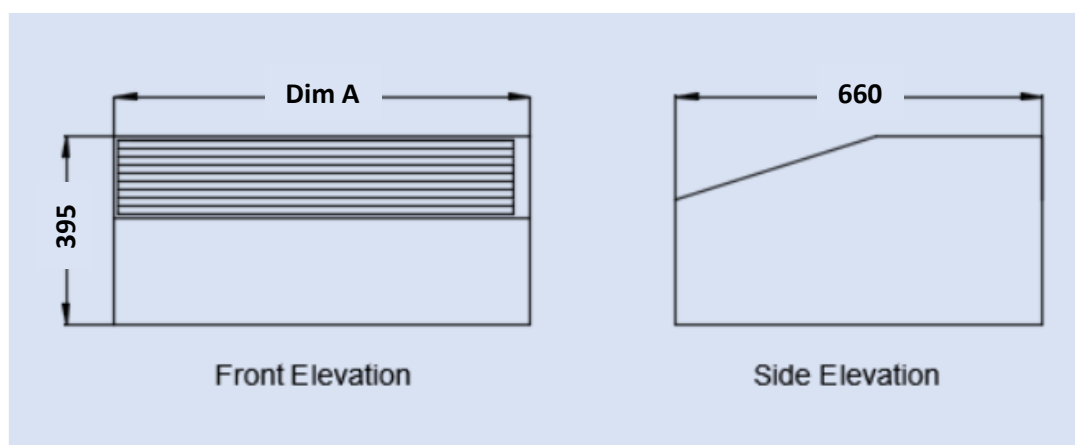
Options Include:

- Upstream challenge port
- Minihelic pressure gauge
- Digital airflow meter
- External sounder
- Visible alarm

Specification

Model:	S2	S3	S4	S5	S6
External Dimensions (mm):					
Width (Dim A):	660mm	965mm	1270mm	1575mm	1880mm
Depth:	660mm	660mm	660mm	660mm	660mm
Height:	395mm	395mm	395mm	395mm	395mm
Airflow (m³/s)	0.15	0.23	0.31	0.39	0.47
Weight (kg)	45	55	65	80	95
Estimated Running Load:	200W	350W	350W	500W	500W
Structure:	High quality carbon steel powder coated white RAL9016. Also available fully in stainless steel				
Pre-filter:	92% efficient at 5.0 micron				
HEPA Filter:	99.995% efficient at MPPS (EN 1822 Class H14)				
Operating Resistance:	Maximum 230pa				
Electrical Supply:	230-240V 50/60Hz single phase. All units PAT 60 tested and have individual fused protection				
Fans:	Double inlet, centrifugal super silent and fuse protected				
Controls:	Internally mounted 10V potentiometer				
Noise Level:	Unit noise level ≤ 65 dBa, measured 1m from filter face. Ambient background level ≤ 45 dBa				
Quality Control:	All units tested and certified prior to dispatch				

Detail



Validation and Maintenance

Bassaire offers competitive maintenance and re-validation services on all makes of clean air equipment

Guarantee

All Bassaire equipment is designed, constructed and inspected to the highest standards and specifications to give long and reliable service and is supported with a fully comprehensive 12-month parts and labour warranty (subject to review)

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