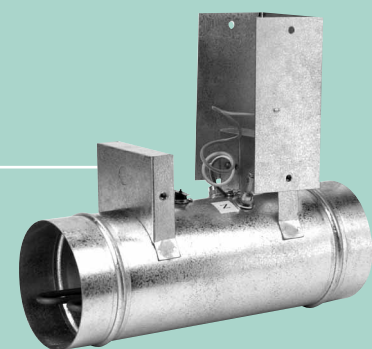


ANCILLARIES

Electric Heater Batteries

Fitted with sheathed rod type elements and a manual reset thermal cutout. Single or Three phase available - refer to price list for details.



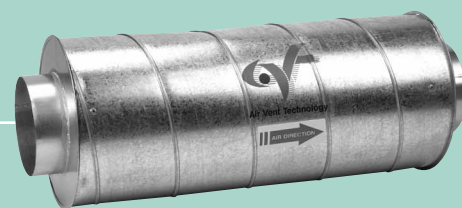
Speed Controllers

Both electronic QE and auto-transformer controllers QA are available. For quiet applications, the auto-transformer controllers is recommended.



Silencers

Cylindrical silencers are available for all sizes in 600mm or 900mm lengths as standard.



Filter Box's

Available to suit all sizes, boxes incorporate a 2 inch deep, EU3 disposable filter. Bag filters are also available - details upon request.



AV Mounts

Rubber type suitable for fixing via corner holes provided in units.



Fast Clamps

Two inch wide frame fitted with a neoprene gasket for airtight connection. Clamps are fitted with quick release fixings.



A STEP FURTHER

As well as the products covered in this leaflet, Air Vent Technology offers an extensive range of supply/extract units and associated ancillary equipment. Catering for air volumes up to 20m³/s and available for internal and external applications, most applications can be accommodated. Among the many variants we are able to cover are the following:

Cases

Single skinned or double skinned with 25mm or 50mm thick panels. Different panel infill including a combination of high-density rockwool and barrier mat to give high noise reduction. Differing panel skin materials including Stainless Steel, Aluminium and plastic coated sheet steel. Powder coat paint finish to any BS or RAL number to either internal, external or both surfaces. Casings supplied in 'flat pack' form to facilitate site assembly.

Components

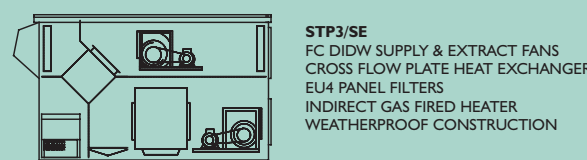
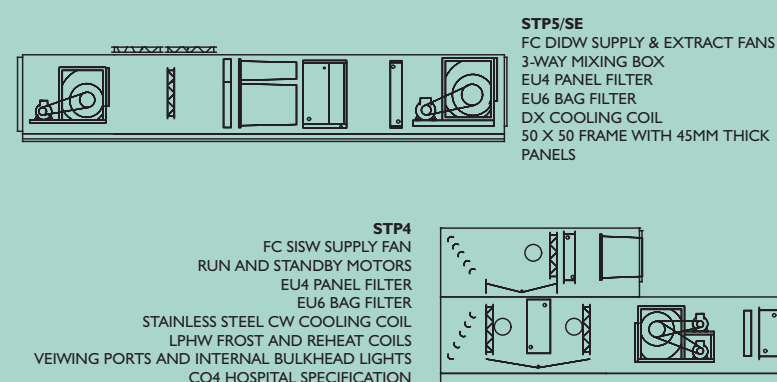
The following components can be readily catered for:
 Filters - Carbon, Hepa, Grease, Washable
 Run-a-Round coil systems
 Thermal wheels
 Gas fired heaters - Indirect and Direct
 Fans - SISW, Duplex (for low profile), Twin
 Motors - 1Ph, 2 Speed, Mounted out of airstream, fitted with standby.

Specifications

Units can be designed to meet the requirements of the following specifications:
 DEO Spec 037
 CO4

Controls

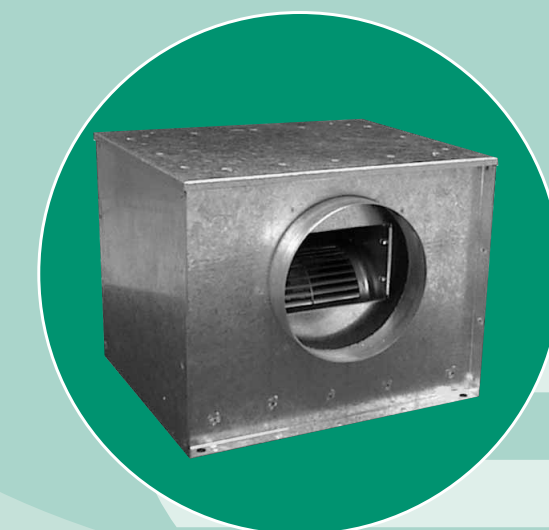
Any variation of controls package can be supplied ranging from simple pre-wiring of a motor to an external isolator to an in-built control panel pre-wired to motors, damper motors, sensors, etc..



We reserve the right to amend details without notification.



QUALITY RANGE BOX FAN



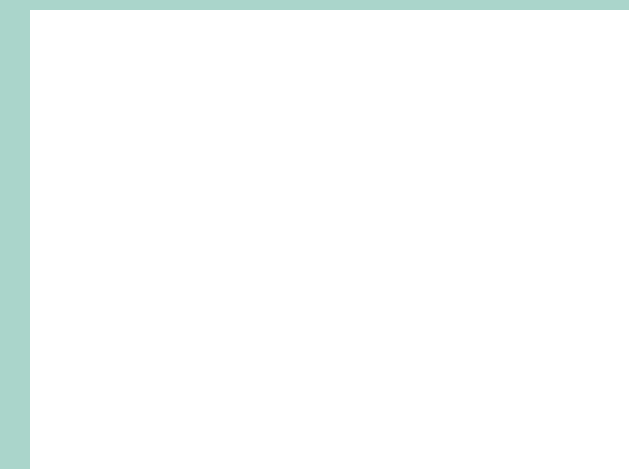
90 kg/m³ Class O
 Acoustic Foam

Thermal protection on motor

All models fully speed
 controllable

Integral mounting points
 for quick and simple
 installation

Distributed by



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 Walworth Industrial Estate,
 Andover, Hampshire SP10 5NX
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Certificate No: GB9455

Leaflet Ref: 501/11/02

UNIT SPECIFICATIONS

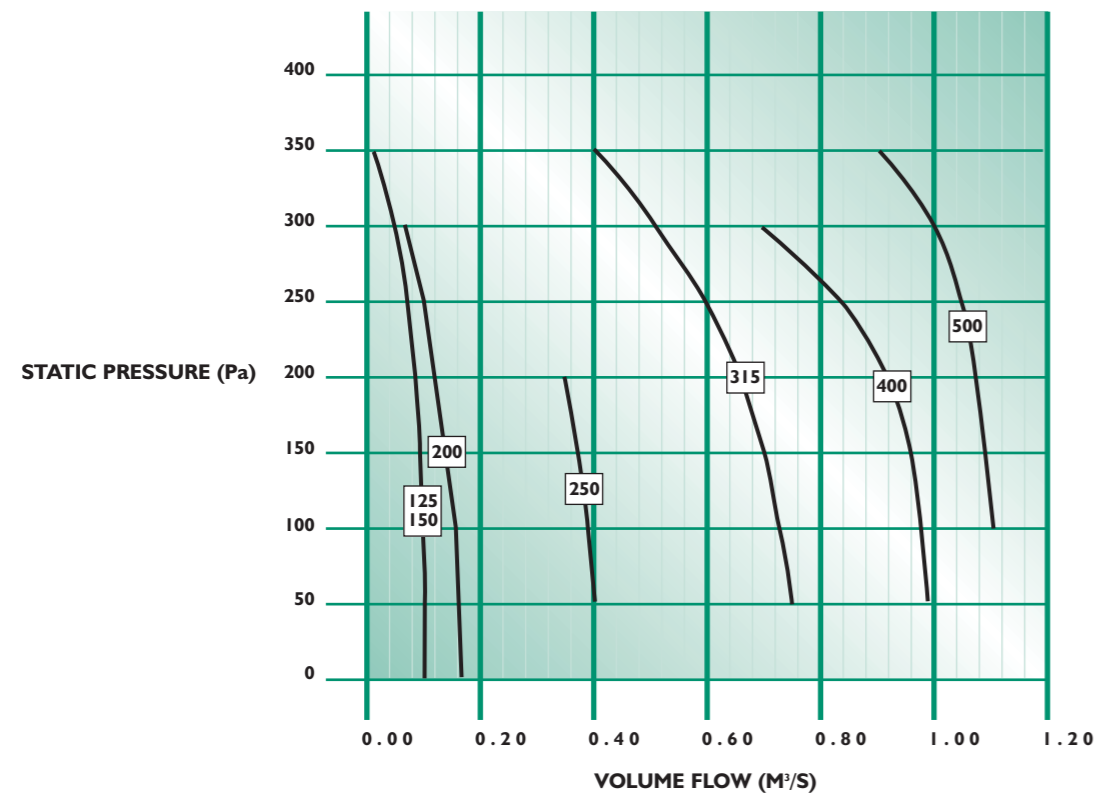
Cases

The QSS Box fan from AVT is designed and built in Britain to suit the requirements of the UK market. The range covers volumes up to $1.1\text{ m}^3\text{ s}^{-1}$ and pressures up to 350 Pa.

The casing is constructed from galvanised sheet steel and has a lining of 90 kg/m^3 class O acoustic foam.

The motor/impeller assembly is mounted on a removable plate to facilitate easy maintenance and cleaning.

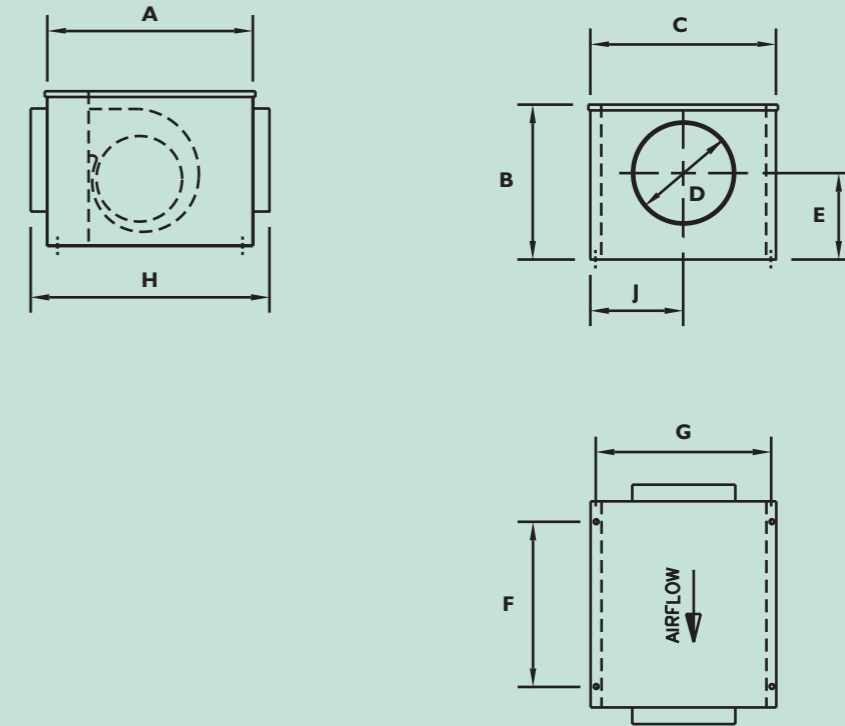
Performance



Model	Motor (W)	Supply	FLC (A)	dB(A) @4m (Inlet)	Air flow volume (m³/s) against static pressure (Pa)							
					0	50	100	150	200	250	300	350
QSS125	135	230V 1 Ph	0.63	36	0.1	0.1	0.096	0.08	0.082	0.067	0.042	0.001
QSS150	135	230V 1 Ph	0.63	36	0.1	0.1	0.096	0.08	0.082	0.067	0.042	0.001
QSS200	190	230V 1 Ph	0.85	38	0.18	0.177	0.173	0.166	0.15	0.124	0.083	
QSS250	147	230V 1 Ph	1.6	44		0.4	0.387	0.35	0.34			
QSS315	373	230V 1 Ph	3.85	51		0.75	0.73	0.69	0.65	0.6	0.52	0.4
QSS400	550	230V 1 Ph	6	55		0.99	0.98	0.95	0.9	0.83	0.68	
QSS500	550	230V 1 Ph	6.8	56			1.1	1.09	1.07	1.04	1	0.89

Note: Models 250, 315 & 400 not to be selected at less than 50 Pa
Models 500 not to be selected at less than 100 Pa

DIMENSIONS



Model	A	B	C	D	E	F	G	H	J	Weight
QSS125	400	240	375	125	127	300	355	490	110	13 kg
QSS150	400	240	375	150	127	300	355	495	110	13 kg
QSS200	425	310	475	200	190	325	455	515	238	15 kg
QSS250	450	375	475	250	230	350	455	550	238	29 kg
QSS315	550	500	575	315	295	450	555	670	288	40 kg
QSS400	550	500	625	400	260	450	605	670	312	41 kg
QSS500	600	545	750	500	270	500	730	740	375	51 kg

A full range of ancillary items is available to suit the QSS fan range. Speed controllers, silencers, anti-vibration mounts, fast clamps and electric heater batteries are all available from stock.