

ANCILLARIES

Speed Controllers

Both electronic QE and auto-transformer controllers QA are available. For quiet applications, the auto-transformer controllers is recommended. Auto-changeover panels are available with options of duty share and Volt free contacts.



Silencers

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



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

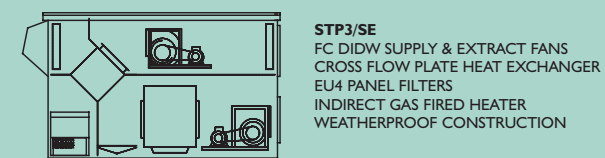
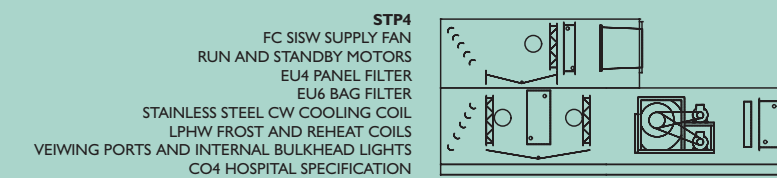
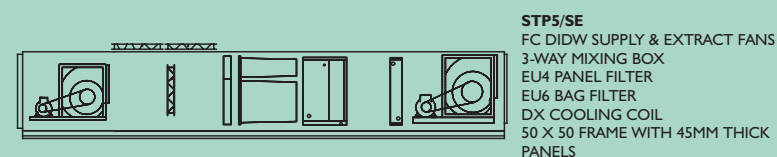
The following components can be readily catered for:
Filters - Carbon, Hepa, Grease, Washable
Run-a-Round coil systems
Thermal wheels
Gas fired heaters - Indirect and Direct
Fans - SISW, Duplex (for low profile), Twin
Motors - 1Ph, 2 Speed, Mounted out of airstream, fitted with standby.

Specifications

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

Controls

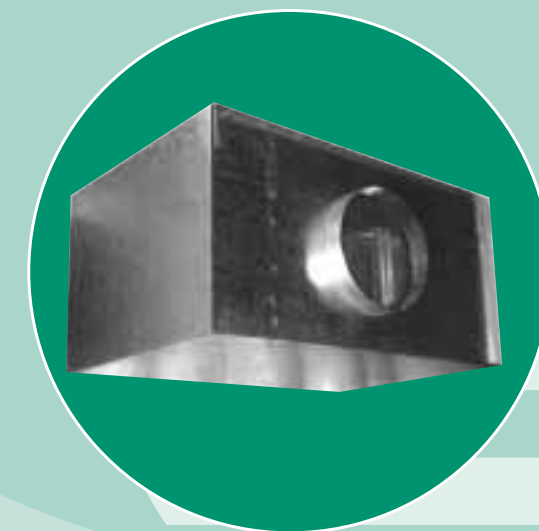
Any variation of controls package can be supplied ranging from simple pre-wiring of a motor to an external isolator to an in-built control panel pre-wired to motors, damper motors, sensors, etc..



We reserve the right to amend details without notification.



QUALITY RANGE TWIN FAN



90 kg/m³ Class O
Acoustic Foam

Quality thermal protection
on motor

All models fully speed
controllable

Integral mounting points
for quick and simple
installation

Distributed by



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UNIT SPECIFICATIONS

Cases

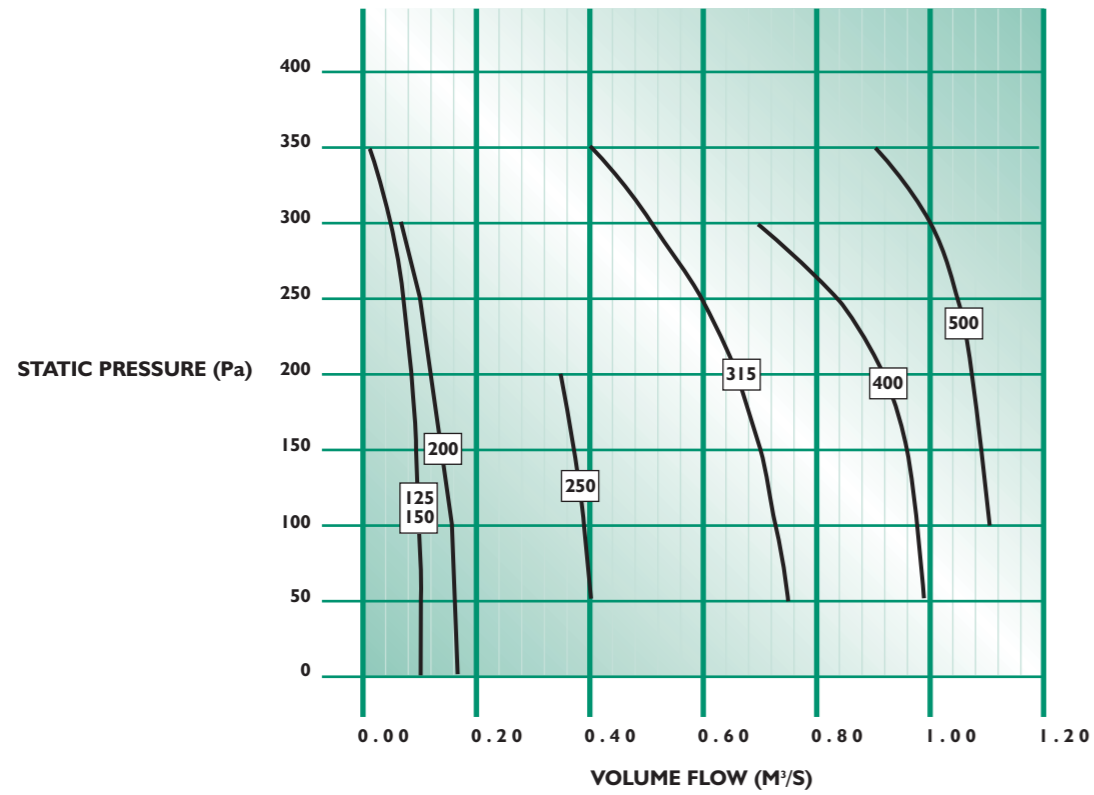
The QST Twin fan from AVT is designed and built in Britain to suit the requirements of the UK market. The range covers volumes up to $1.1\text{m}^3\text{s}^{-1}$ and pressures up to 350 Pa.

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

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

The fans are pre-wired to a single external terminal box to ensure simple and quick installation.

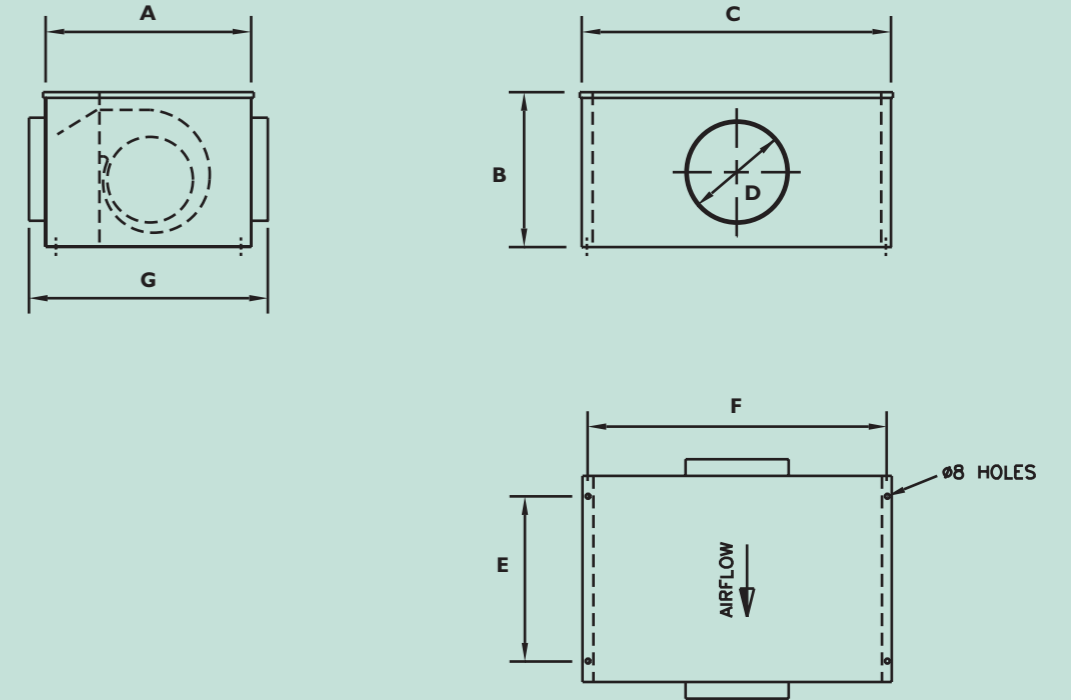
Performance



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
QST125	135	230V I Ph	0.63	36	0.1	0.1	0.096	0.08	0.082	0.067	0.042	0.001
QST150	135	230V I Ph	0.63	36	0.1	0.1	0.096	0.08	0.082	0.067	0.042	0.001
QST200	190	230V I Ph	0.85	38	0.18	0.177	0.173	0.166	0.15	0.124	0.083	
QST250	147	230V I Ph	1.6	44		0.4	0.387	0.35	0.34			
QST315	373	230V I Ph	3.85	51		0.75	0.73	0.69	0.65	0.6	0.52	0.4
QST400	550	230V I Ph	6	55		0.99	0.98	0.95	0.9	0.83	0.68	
QST500	550	230V I 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	Weight
QST125	400	310	550	125	300	530	490	20 kg
QST150	400	310	550	150	300	530	490	20 kg
QST200	400	310	800	200	300	780	490	22 kg
QST250	650	425	1000	250	550	980	765	46 kg
QST315	650	475	1050	315	550	1030	765	70 kg
QST400	650	475	1050	400	550	1030	755	72 kg
QST500	750	525	1250	500	650	1230	890	85 kg

A full range of ancillary items is available to suit the QST Twin range. Speed controllers, silencers, anti-vibration mounts, fast clamps and are all available from stock.