



QUIETFLOW SQS

Centrifugal Box Fan

QUIETFLOW SQS

Product Overview

- 8 sizes from 100mm to 500mm
- Air volume flow rates up to 1.789 m³/s
- Static pressures up to 1061 Pa
- Suitable for operating temperatures up to +60°C
- Robust galvanised sheet steel casing
- Available in **EC**

Acoustically lined single in-line centrifugal fans, suitable for internal duct mounting. The Quietflow incorporates advanced backward curved impellers, with three dimensional profiled blades.

Low Noise

Each unit is acoustically lined internally with Class O rated (BS 476 Parts 6 and 7) fire resistant acoustic foam lining minimising breakout noise levels.

Easy Installation

New multi-mount brackets allow easy mounting in a range of orientations.

Easy Commissioning

Integrated commissioning control allowing single speed selection and also limiting maximum speed if used with an external potentiometer.

Efficient Performance

High efficiency low tonal noise backward curved centrifugal impellers are directly driven by an EC external rotor motor, provide low specific fan powers and stepless speed control without tonal noise generation.

Weather Resistance

Units can be weatherproofed in the factory to allow external installation.

Controllability

EC motors provide precise speed control via potentiometer, BMS or Elta Fans DCV control. Reduced fan speed can provide significant cost savings through lower energy consumption in both mechanical energy of motors and also on the conditioning of replacement air.

Warranty

Each SQS has a 12 month warranty.

Construction

Featuring a robust 1.2mm galvanised mild steel sheet casing. Each casing provides spigots to suit standard circular ducting. A removable lid is provided as standard to allow easy maintenance and cleaning.

Motor

Units have an EC external rotor motor fitted as standard.

The motor contains sealed for life bearings with a Thermal Class to THCL 130 or 155 dependent on size.

All motors are suitable for use in ambient air conditions up to +60°C.

Impeller

High efficiency low tonal noise backward curved centrifugal impeller. Dynamically balanced to ISO 14694 Grade G6.3 and directly driven by the motor to provide a smooth airflow through the unit.

Typical Applications

- Toilets
- Bathrooms
- Hotels
- Schools
- Colleges
- Libraries
- Kitchens
- Factories
- Industrial Units
- Warehousing



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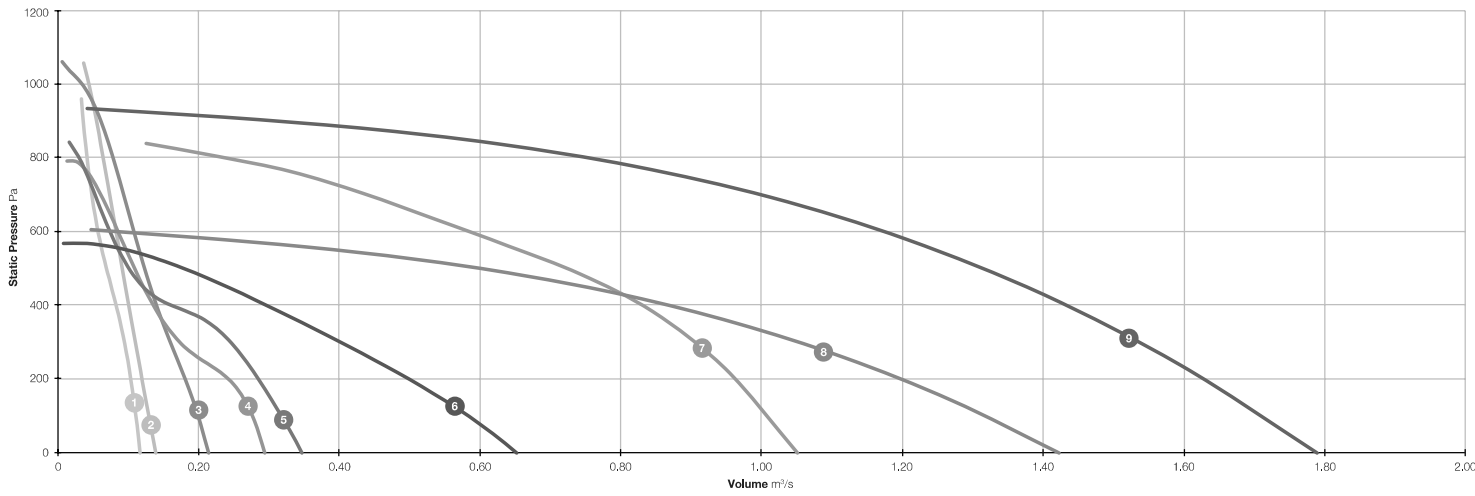
Product Coding

Code	Reference
SQS	Product Range
125	Diameter (125/150/200...)
-	
1	Voltage Supply (Single Phase / Three Phase)
EC	Motor Type (EC)
A - Z	Additional Coding (A - Z) Product Variants
e.g.	SQS125 / 1ECL

QUIETFLOW SQS



Performance Range Curves



- 1 SQS100 / 1ECL
- 2 SQS125 / 1ECL
- 3 SQS150 / 1ECL

- 4 SQS200 / 1ECL
- 5 SQS250 / 1ECL
- 6 SQS315 / 1ECL

- 7 SQS400 / 1ECL
- 8 SQS500 / 1ECL
- 9 SQS500 / 3ECL

QUIETFLOW SQS



Performance, SFP & Electrical Data

Single Phase 200V to 277V / 50Hz or 60Hz

Product Code	Control Voltage V	Speed r/min	Airflow SFP	Airflow m ³ /s @ Static Pressure Pa												At Best Efficiency Point		Motor Electrical Data	dBA @ 3m	
				0	25	50	75	100	150	200	250	300	350	400	500	Overall Eff %	Input kW	Peak Amps		
SQS100-1ECL	10	4635	m ³ /s	0.116	0.115	0.113	0.112	0.110	0.107	0.103	0.099	0.094	0.089	0.082	0.069	23.7	0.167	1.51	Inlet	51
			W/(L/s)	1.42	1.43	1.45	1.47	1.50	1.54	1.60	1.67	1.76	1.87	2.01	2.41				Outlet	50
			Breakout																Breakout	44
	8	4185	m ³ /s	0.109	0.107	0.106	0.104	0.102	0.098	0.093	0.088	0.081	0.073	0.065	0.047	26.0	0.113	1.30	Inlet	48
			W/(L/s)	1.30	1.31	1.33	1.34	1.36	1.39	1.43	1.48	1.55	1.66	1.80	2.26				Outlet	50
			Breakout																Breakout	44
	5	2485	m ³ /s	0.070	0.066	0.062	0.058	0.053	0.039	0.020	-	-	-	-	-	24.0	0.029	0.33	Inlet	44
			W/(L/s)	0.49	0.51	0.53	0.55	0.59	0.75	1.21	-	-	-	-	-				Outlet	42
			Breakout																Breakout	38
	2	800	m ³ /s	0.020	-	-	-	-	-	-	-	-	-	-	-	7.9	0.003	0.05	Inlet	-
			W/(L/s)	0.07	-	-	-	-	-	-	-	-	-	-	-				Outlet	-
			Breakout																Breakout	-
SQS125-1ECL	10	3715	m ³ /s	0.140	0.138	0.135	0.133	0.130	0.125	0.120	0.115	0.111	0.106	0.101	0.092	34.9	0.171	1.26	Inlet	49
			W/(L/s)	1.19	1.22	1.24	1.27	1.29	1.35	1.40	1.46	1.53	1.60	1.67	1.84				Outlet	54
			Breakout																Breakout	43
	8	3810	m ³ /s	0.135	0.132	0.130	0.128	0.125	0.120	0.115	0.110	0.104	0.098	0.092	0.078	34.9	0.126	1.10	Inlet	49
			W/(L/s)	1.14	1.15	1.17	1.19	1.21	1.25	1.30	1.34	1.39	1.45	1.51	1.69				Outlet	48
			Breakout																Breakout	42
	5	2260	m ³ /s	0.080	0.076	0.072	0.068	0.064	0.053	0.038	-	-	-	-	-	32.1	0.030	0.24	Inlet	49
			W/(L/s)	0.44	0.45	0.47	0.49	0.52	0.59	0.75	-	-	-	-	-				Outlet	41
			Breakout																Breakout	36
	2	705	m ³ /s	0.025	-	-	-	-	-	-	-	-	-	-	-	10.4	0.003	0.03	Inlet	-
			W/(L/s)	0.11	-	-	-	-	-	-	-	-	-	-	-				Outlet	-
			Breakout																Breakout	-
SQS150-1ECL	10	4105	m ³ /s	0.215	0.212	0.208	0.204	0.200	0.192	0.182	0.171	0.161	0.150	0.141	0.124	43.3	0.174	1.26	Inlet	49
			W/(L/s)	0.79	0.81	0.82	0.84	0.86	0.90	0.94	1.00	1.06	1.13	1.21	1.39				Outlet	51
			Breakout																Breakout	43
	8	3835	m ³ /s	0.206	0.202	0.198	0.194	0.190	0.182	0.173	0.164	0.155	0.145	0.135	0.112	43.1	0.147	1.14	Inlet	45
			W/(L/s)	0.70	0.72	0.74	0.76	0.79	0.83	0.89	0.94	1.00	1.07	1.15	1.33				Outlet	51
			Breakout																Breakout	40
	5	2285	m ³ /s	0.119	0.114	0.109	0.103	0.097	0.082	0.062	-	-	-	-	-	45.0	0.034	0.26	Inlet	44
			W/(L/s)	0.30	0.30	0.32	0.34	0.36	0.43	0.53	-	-	-	-	-				Outlet	47
			Breakout																Breakout	34
	2	715	m ³ /s	0.037	-	-	-	-	-	-	-	-	-	-	-	13.2	0.003	0.03	Inlet	-
			W/(L/s)	0.09	-	-	-	-	-	-	-	-	-	-	-				Outlet	-
			Breakout																Breakout	-

Data provided is at standard air density of 1.2 kg/m³.

Data in accordance with ErP 1253/2014 of the European Parliament. Product category is NRVU. Measurement category used to determine energy efficiency: D.

A variable speed drive is integrated within the fan.

Peak Amps @ 230V / 1PH / 50Hz.

The overall A-weighted sound pressure level is at a distance of 3m with spherical free-field propagation. It is expressed in dB re-20µPa and is presented for comparative purposes only.

QUIETFLOW SQS



Performance, SFP & Electrical Data

Single Phase 200V to 277V / 50Hz or 60Hz

Product Code	Control Voltage V	Speed r/min	Airflow SFP	Airflow m ³ /s @ Static Pressure Pa.												At Best Efficiency Point		Motor Electrical Data	dBA @ 3m	
				0	25	50	75	100	150	200	250	300	350	400	500	Overall Eff %	Input kW	Peak Amps		
SQS200-1ECL	10	3315	m ³ /s	0.293	0.290	0.286	0.281	0.276	0.263	0.242	0.206	0.173	0.152	0.135	0.109	36.4	0.172	1.59	Inlet	51
			W/(L/s)	0.58	0.59	0.60	0.61	0.62	0.65	0.71	0.83	0.99	1.13	1.27	1.58				Outlet	53
			Breakout	44																
	8	2980	m ³ /s	0.258	0.253	0.249	0.243	0.237	0.219	0.190	0.154	0.127	0.106	0.087	0.040	35.6	0.118	1.20	Inlet	49
			W/(L/s)	0.44	0.45	0.47	0.48	0.50	0.55	0.66	0.83	0.98	1.13	1.30	2.23				Outlet	50
			Breakout	41																
	5	1755	m ³ /s	0.150	0.141	0.128	0.108	0.078	0.026	-	-	-	-	-	-	33.2	0.030	0.31	Inlet	43
			W/(L/s)	0.19	0.20	0.22	0.27	0.38	0.97	-	-	-	-	-	-				Outlet	43
			Breakout	35																
	2	565	m ³ /s	0.045	-	-	-	-	-	-	-	-	-	-	-	10.1	0.003	0.05	Inlet	-
			W/(L/s)	0.07	-	-	-	-	-	-	-	-	-	-	-				Outlet	-
			Breakout	-																
SQS250-1ECL	10	2490	m ³ /s	0.347	0.340	0.333	0.325	0.318	0.302	0.285	0.267	0.246	0.216	0.161	0.101	50.8	0.171	1.44	Inlet	49
			W/(L/s)	0.49	0.50	0.51	0.52	0.54	0.57	0.60	0.64	0.70	0.79	1.06	1.69				Outlet	48
			Breakout	44																
	8	2505	m ³ /s	0.348	0.340	0.332	0.324	0.316	0.299	0.281	0.261	0.238	0.207	0.162	0.078	42.5	0.171	1.44	Inlet	47
			W/(L/s)	0.49	0.51	0.52	0.53	0.54	0.57	0.60	0.65	0.72	0.83	1.06	1.86				Outlet	46
			Breakout	42																
	5	1545	m ³ /s	0.204	0.193	0.182	0.170	0.157	0.121	-	-	-	-	-	-	43.6	0.042	0.37	Inlet	36
			W/(L/s)	0.18	0.20	0.22	0.24	0.27	0.35	-	-	-	-	-	-				Outlet	36
			Breakout	26																
	2	480	m ³ /s	0.063	-	-	-	-	-	-	-	-	-	-	-	12.6	0.004	0.04	Inlet	-
			W/(L/s)	0.06	-	-	-	-	-	-	-	-	-	-	-				Outlet	-
			Breakout	-																
SQS315-1ECL	10	2020	m ³ /s	0.652	0.636	0.619	0.601	0.583	0.542	0.498	0.451	0.401	0.349	0.296	0.178	33.0	0.358	1.78	Inlet	54
			W/(L/s)	0.59	0.61	0.64	0.66	0.69	0.75	0.82	0.89	0.98	1.09	1.21	1.69				Outlet	53
			Breakout	48																
	8	1555	m ³ /s	0.500	0.477	0.452	0.427	0.401	0.343	0.278	0.201	0.105	-	-	-	31.5	0.172	0.84	Inlet	48
			W/(L/s)	0.37	0.39	0.42	0.45	0.48	0.55	0.65	0.81	1.27	-	-	-				Outlet	47
			Breakout	41																
	5	870	m ³ /s	0.277	0.235	0.181	0.119	0.045	-	-	-	-	-	-	-	23.4	0.040	0.23	Inlet	39
			W/(L/s)	0.15	0.18	0.23	0.33	0.69	-	-	-	-	-	-	-				Outlet	35
			Breakout	28																
	2	365	m ³ /s	0.086	-	-	-	-	-	-	-	-	-	-	-	-	0.010	0.12	Inlet	-
			W/(L/s)	0.10	-	-	-	-	-	-	-	-	-	-	-				Outlet	-
			Breakout	-																

Data provided is at standard air density of 1.2 kg/m³.

Data in accordance with ErP 1253/2014 of the European Parliament. Product category is NRVU. Measurement category used to determine energy efficiency: D.

A variable speed drive is integrated within the fan.

Peak Amps @ 230V / 1PH / 50Hz.

The overall A-weighted sound pressure level is at a distance of 3m with spherical free-field propagation. It is expressed in dB re-20µPa and is presented for comparative purposes only.

QUIETFLOW SQS



Performance, SFP & Electrical Data

Single Phase 200V to 277V / 50Hz or 60Hz

Product Code	Control Voltage V	Speed r/min	Airflow SFP	Airflow m ³ /s @ Static Pressure Pa.												At Best Efficiency Point		Motor Electrical Data	dBA @ 3m	
				0	25	50	75	100	150	200	250	300	350	400	500	Overall Eff %	Input kW	Peak Amps		
SQS400-1ECL	10	2200	m ³ /s	1.051	1.041	1.031	1.021	1.010	0.988	0.963	0.936	0.906	0.872	0.831	0.724	42.7	0.926	4.39	Inlet	55
			W/(L/s)	0.76	0.77	0.79	0.80	0.82	0.86	0.89	0.94	0.98	1.04	1.10	1.28				Outlet	56
			Breakout																	52
	8	1763	m ³ /s	0.835	0.824	0.811	0.798	0.784	0.752	0.714	0.664	0.598	0.514	0.428	0.245	42.9	-	2.39	Inlet	49
			W/(L/s)	0.50	0.52	0.53	0.55	0.57	0.61	0.66	0.73	0.82	0.94	1.08	1.56				Outlet	50
			Breakout																	46
	5	1059	m ³ /s	0.506	0.479	0.449	0.414	0.371	0.238	-	-	-	-	-	-	36.9	-	0.61	Inlet	40
			W/(L/s)	0.22	0.25	0.27	0.30	0.34	0.51	-	-	-	-	-	-				Outlet	38
			Breakout																	34
	2	354	m ³ /s	0.164	-	-	-	-	-	-	-	-	-	-	-	3.5	-	0.20	Inlet	-
			W/(L/s)	0.32	-	-	-	-	-	-	-	-	-	-	-				Outlet	-
			Breakout																	-
SQS500-1ECL	10	1422	m ³ /s	1.422	1.397	1.372	1.345	1.318	1.260	1.197	1.129	1.053	0.967	0.868	0.599	49.5	0.769	3.51	Inlet	45
			W/(L/s)	0.46	0.48	0.50	0.52	0.53	0.57	0.62	0.67	0.73	0.80	0.89	1.19				Outlet	47
			Breakout																	49
	8	1157	m ³ /s	1.141	1.114	1.085	1.054	1.020	0.946	0.857	0.744	0.591	0.354	-	-	51.1	-	1.97	Inlet	41
			W/(L/s)	0.31	0.33	0.34	0.36	0.38	0.43	0.49	0.57	0.69	0.97	-	-				Outlet	42
			Breakout																	44
	5	695	m ³ /s	0.687	0.637	0.577	0.501	0.393	-	-	-	-	-	-	-	44.7	-	0.51	Inlet	28
			W/(L/s)	0.13	0.15	0.18	0.21	0.27	-	-	-	-	-	-	-				Outlet	28
			Breakout																	30
	2	234	m ³ /s	0.231	-	-	-	-	-	-	-	-	-	-	-	3.7	-	0.19	Inlet	-
			W/(L/s)	0.22	-	-	-	-	-	-	-	-	-	-	-				Outlet	-
			Breakout																	-

Data provided is at standard air density of 1.2 kg/m³.

Data in accordance with ErP 1253/2014 of the European Parliament. Product category is NRVU. Measurement category used to determine energy efficiency: D.

A variable speed drive is integrated within the fan.

Peak Amps @ 230V / 1PH / 50Hz.

The overall A-weighted sound pressure level is at a distance of 3m with spherical free-field propagation. It is expressed in dB re-20µPa and is presented for comparative purposes only.

QUIETFLOW SQS



Performance, SFP & Electrical Data

Three Phase 380V to 480V / 50Hz or 60Hz

Product Code	Control Voltage V	Speed r/min	Airflow SFP	Airflow m ³ /s @ Static Pressure Pa.												At Best Efficiency Point		Motor Electrical Data	dBA @ 3m	
				0	25	50	75	100	150	200	250	300	350	400	500	Overall Eff %	Input kW	Peak Amps		
SQS500-3ECL	10	1799	m ³ /s	1.789	1.770	1.751	1.732	1.712	1.671	1.628	1.583	1.536	1.486	1.432	1.313	51.0	1.495	2.31	Inlet	51
			W/(L/s)	0.69	0.71	0.73	0.74	0.76	0.80	0.84	0.88	0.93	0.97	1.03	1.14				Outlet	57
			Breakout																	
	8	1446	m ³ /s	1.419	1.397	1.373	1.349	1.323	1.269	1.210	1.145	1.072	0.988	0.889	0.620	51.8	-	1.29	Inlet	46
			W/(L/s)	0.45	0.47	0.49	0.50	0.52	0.57	0.61	0.66	0.72	0.79	0.87	1.15				Outlet	48
			Breakout																	
	5	869	m ³ /s	0.852	0.813	0.768	0.718	0.660	0.500	0.197	-	-	-	-	-	47.5	-	0.47	Inlet	34
			W/(L/s)	0.19	0.21	0.23	0.25	0.28	0.37	0.73	-	-	-	-	-				Outlet	34
			Breakout																	
	2	292	m ³ /s	0.284	-	-	-	-	-	-	-	-	-	-	-	14.3	-	0.16	Inlet	-
			W/(L/s)	0.08	-	-	-	-	-	-	-	-	-	-	-				Outlet	-
			Breakout																	

Data provided is at standard air density of 1.2 kg/m³.

Data in accordance with ErP 1253/2014 of the European Parliament. Product category is NRVU. Measurement category used to determine energy efficiency: D.

A variable speed drive is integrated within the fan.

Peak Amps @ 400V / 3PH / 50Hz.

The overall A-weighted sound pressure level is at a distance of 3m with spherical free-field propagation. It is expressed in dB re-20μPa and is presented for comparative purposes only.

QUIETFLOW SQS



Sound Data

Single Phase 200V to 277V / 50Hz or 60Hz

Product Code	Control Voltage V		Sound Power Level dBW @ Octave Band Hz								Total dB
			63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	
SQS100-1ECL	10	Inlet	75	75	79	69	54	50	44	44	82
		Outlet	83	80	76	67	57	51	43	39	85
		Breakout	62	70	70	62	57	51	48	47	74
	8	Inlet	73	74	77	59	52	48	43	41	80
		Outlet	85	79	77	66	55	49	41	37	87
		Breakout	61	70	70	61	56	51	47	46	74
	5	Inlet	66	69	73	47	41	38	32	30	75
		Outlet	73	72	69	54	42	40	31	25	76
		Breakout	51	65	66	49	47	38	34	31	69
SQS125-1ECL	10	Inlet	82	77	77	62	53	49	44	44	84
		Outlet	84	77	81	72	55	51	42	40	86
		Breakout	60	70	67	60	57	51	47	46	72
	8	Inlet	72	78	77	60	52	48	42	42	81
		Outlet	83	76	75	63	53	49	41	37	84
		Breakout	58	70	67	59	56	51	46	45	72
	5	Inlet	69	71	78	51	41	37	31	29	79
		Outlet	72	68	69	52	40	40	31	27	75
		Breakout	51	60	65	48	44	37	33	29	66
SQS150-1ECL	10	Inlet	89	74	75	65	56	52	48	47	89
		Outlet	83	77	79	68	56	54	50	48	85
		Breakout	66	64	66	62	57	52	47	44	71
	8	Inlet	74	72	73	58	53	49	45	44	78
		Outlet	80	75	79	65	53	52	48	44	83
		Breakout	62	62	66	57	54	49	44	40	69
	5	Inlet	65	67	73	49	41	38	33	30	75
		Outlet	69	72	76	54	42	44	37	33	78
		Breakout	47	56	62	49	42	36	30	24	63
SQS200-1ECL	10	Inlet	80	79	78	67	60	54	52	52	84
		Outlet	90	81	80	68	58	55	51	48	91
		Breakout	63	67	68	62	58	53	48	45	72
	8	Inlet	77	78	76	64	56	50	49	49	82
		Outlet	80	79	78	63	55	51	49	46	84
		Breakout	61	65	67	58	55	50	45	42	70
	5	Inlet	68	71	71	52	43	37	38	35	75
		Outlet	68	74	70	53	43	41	36	30	76
		Breakout	51	60	63	49	43	37	34	32	65

Data provided at standard air density of 1.2 kg/m³.

Tests and preparation of the sound data have been carried out in accordance with BS 848 Part 2:1985 at 50% peak pressure.

The Sound Power Level Spectra are in dB re-1pW.

QUIETFLOW SQS



Sound Data

Single Phase 200V to 277V / 50Hz or 60Hz

Product Code	Control Voltage V		Sound Power Level dBW @ Octave Band Hz								Total dB
			63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	
SQS250-1ECL	10	Inlet	78	76	77	64	55	50	49	47	82
		Outlet	80	76	75	64	55	54	49	44	82
		Breakout	59	65	71	60	55	49	43	41	73
	8	Inlet	75	74	75	59	50	45	45	44	80
		Outlet	76	72	74	60	51	49	45	40	79
		Breakout	55	63	70	56	50	44	38	36	71
	5	Inlet	67	71	57	49	38	33	38	27	73
		Outlet	66	71	56	48	38	37	34	33	72
		Breakout	46	56	51	44	38	30	28	22	58
SQS315-1ECL	10	Inlet	78	77	83	63	50	52	48	47	85
		Outlet	80	77	81	67	60	52	47	44	85
		Breakout	68	70	76	64	58	53	48	46	78
	8	Inlet	74	84	68	55	44	45	42	40	85
		Outlet	75	82	68	59	54	45	40	36	83
		Breakout	63	73	65	58	53	47	41	39	74
	5	Inlet	67	75	55	43	34	35	30	19	76
		Outlet	67	71	55	46	40	30	27	18	73
		Breakout	55	60	52	45	40	33	26	22	62
SQS400-1ECL	10	Inlet	81	80	83	69	61	58	56	57	86
		Outlet	83	79	82	75	68	62	56	52	87
		Breakout	72	73	78	70	65	60	51	50	81
	8	Inlet	78	80	76	63	54	52	50	50	83
		Outlet	79	78	75	69	60	54	50	45	83
		Breakout	68	72	72	64	58	52	45	44	76
	5	Inlet	68	75	62	48	43	42	38	24	76
		Outlet	70	71	61	54	47	40	34	22	74
		Breakout	58	66	58	49	45	38	35	28	67
SQS500-1ECL	10	Inlet	77	76	67	62	57	54	51	51	80
		Outlet	77	80	71	64	58	51	46	42	82
		Breakout	74	80	74	66	60	54	48	44	82
	8	Inlet	74	72	63	57	54	49	46	48	76
		Outlet	73	74	66	58	53	45	40	39	77
		Breakout	69	75	68	61	56	49	43	41	77
	5	Inlet	65	61	49	43	38	37	37	29	67
		Outlet	66	60	52	44	29	32	30	27	67
		Breakout	65	60	53	47	42	36	36	25	66

Data provided at standard air density of 1.2 kg/m³.

Tests and preparation of the sound data have been carried out in accordance with BS 848 Part 2:1985 at 50% peak pressure.

The Sound Power Level Spectra are in dB re-1pW.

QUIETFLOW SQS



Sound Data

Three Phase 380V to 480V / 50Hz or 60Hz

Product Code	Control Voltage V		Sound Power Level dBW @ Octave Band Hz								Total dB
			63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	
SQS500-3ECL	10	Inlet	81	80	75	68	63	62	60	53	84
		Outlet	82	84	85	71	66	61	58	47	89
		Breakout	80	82	83	75	69	63	57	53	87
	8	Inlet	78	77	67	63	57	55	52	50	81
		Outlet	77	81	71	65	58	52	47	41	83
		Breakout	75	80	75	69	63	57	52	47	82
	5	Inlet	70	66	56	50	43	45	42	31	72
		Outlet	69	66	58	51	44	40	34	27	71
		Breakout	66	68	61	54	49	44	38	31	71

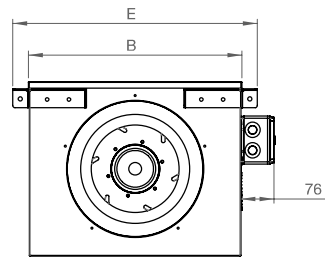
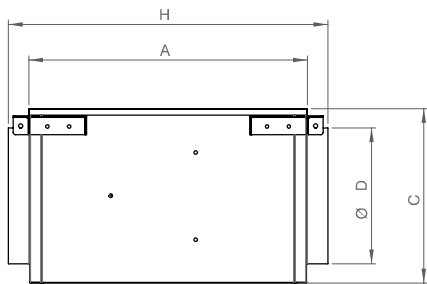
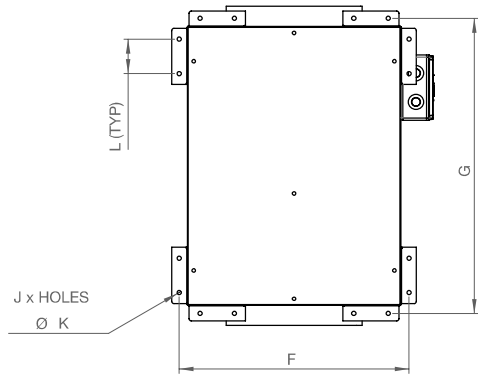
QUIETFLOW SQS



Dimensional Data

Single & Three Phase

Product Code	A	B	C	D	E	F	G	H	J	K	L	Weight kg
SQS100-1ECL	513	355	261	97	394	375	533	606	16	8	50	14
SQS125-1ECL	513	355	261	122	394	375	533	606	16	8	50	14
SQS150-1ECL	513	355	261	147	394	375	533	606	16	8	50	14
SQS200-1ECL	588	401	303	197	440	421	608	681	16	8	50	17
SQS250-1ECL	588	401	333	247	440	421	608	681	16	8	50	19
SQS315-1ECL	639	490	400	312	561	527	677	732	16	10	79	29
SQS400-1ECL	704	575	472	397	646	612	742	797	16	10	79	44
SQS500-1ECL	884	755	601	497	826	792	922	977	16	10	79	65
SQS500-3ECL	884	755	601	497	826	792	922	977	16	10	79	65



QUIETFLOW SQS



EcoDesign 1253/2014 - Information Requirements

REV2 01/05/2018

A	B	C*			D	E	F	G	H	I	J	K	L	N	O	P	Q	R	S
		C.1	C.2	C.3															
Elta Fans Ltd	SQS100-1ECL	NRVU	UVU	2018	Variable-Speed	None	n/a	0.040	0.029	n/a	5.09	148	n/a	24.0	<2	n/a	n/a	65	www.eltafans.com
Elta Fans Ltd	SQS125-1ECL	NRVU	UVU	2018	Variable-Speed	None	n/a	0.070	0.171	n/a	5.70	747	n/a	34.9	<2	n/a	n/a	63	www.eltafans.com
Elta Fans Ltd	SQS150-1ECL	NRVU	UVU	2018	Variable-Speed	None	n/a	0.100	0.174	n/a	5.66	663	n/a	43.2	<2	n/a	n/a	63	www.eltafans.com
Elta Fans Ltd	SQS200-1ECL	NRVU	UVU	2018	Variable-Speed	None	n/a	0.120	0.172	n/a	3.82	458	n/a	36.4	<2	n/a	n/a	64	www.eltafans.com
Elta Fans Ltd	SQS250-1ECL	NRVU	UVU	2018	Variable-Speed	None	n/a	0.220	0.171	n/a	4.48	340	n/a	50.8	<2	n/a	n/a	64	www.eltafans.com
Elta Fans Ltd	SQS315-1ECL	NRVU	UVU	2018	Variable-Speed	None	n/a	0.240	0.172	n/a	3.08	226	n/a	31.5	<2	n/a	n/a	69	www.eltafans.com
Elta Fans Ltd	SQS400-1ECL	NRVU	UVU	2018	Variable-Speed	None	n/a	0.706	0.926	n/a	5.61	514	n/a	42.7	<2	n/a	n/a	55	www.eltafans.com
Elta Fans Ltd	SQS500-1ECL	NRVU	UVU	2018	Variable-Speed	None	n/a	0.863	0.769	n/a	4.40	402	n/a	49.5	<2	n/a	n/a	45	www.eltafans.com
Elta Fans Ltd	SQS500-3ECL	NRVU	UVU	2018	Variable-Speed	None	n/a	1.088	1.495	n/a	5.54	652	n/a	51.0	<2	n/a	n/a	51	www.eltafans.com

- A** Manufacturer's Name
- B** Model Identifier
- C.1** RVU or NRVU
- C.2** UVU or BVU
- C.3** ErP Compliance
- D** Type of Drive (MSD or VSD)
- E** Type of HRS (Run Around or Other or None)
- F** Thermal Efficiency (% or N/A)
- G** Nominal Flow Rate (m³/s)
- H** Effective Electrical Power Input (kW)
- I** SFP Int (W/m³/s)
- J** Face Velocity (m/s)
- K** Nominal External Pressure (Pa)
- L** Internal Pressure Drop of Ventilation Components (Pa)
- N** Static Efficiency of Fan Used 327/2011
- O** Maximum External Leakage Rate (%)
- P** Energy Classification of Filters
- Q** Description of Visual Filter warning
- R** Casing Sound Power Level (LWA)
- S** Website for Disassembly Instructions