

MULTIFLOW SEL

Mixed Flow Fan

» **Select** models available for next day delivery

ELTA



MULTIFLOW SEL

Product Overview



- 9 standard sizes from 250mm to 710mm
- Air volume flow rates up to 5.67 m³/s (AC)
- Static pressures up to 1290 Pa (AC) / 1400 Pa (EC)
- Suitable for operating temperatures up to +80°C
- Extensive stock range available
- Available in **AC** and **EC**

The Multiflow SEL is a duct mounted mixed flow fan incorporating state of the art impeller and guide vane design to provide very high performance and efficiency.

Intelligent Design

3D stator guide vanes are used to recover dynamic pressure loss which results in turbulent pressure being turned into useful pressure. This is coupled with optimum tip clearance between the impeller and case to maximise flow rate creating improved efficiencies.

Easy Installation

Fans are supplied with an integral IP44 terminal box. An integral mounting bracket allows quick installation.

Space Saving

Outstanding design allows for smaller diameter units to be utilised whilst still achieving the same required airflow. The range is perfect for projects where space is at a premium through the use of smaller ducting, reducing overall system costs.

Efficient Performance

The high efficiency diagonal mixed flow impeller delivers maximum efficiency and operational performance offering a significant reduction in the running costs against a comparable centrifugal fan.

Weather Resistance

Weatherproofed to IPX4.

Warranty

Each SEL has a 12 month warranty.

Construction

Manufactured from all weather galvanised steel, heat resistant plastic or seawater resistant aluminium (sizes over 400mm).

Motor

AC induction motor is suitable for speed control via transformer. Each motor has integral thermal overload protection.

Impeller

The innovative mixed flow impeller provides lower noise levels than can be achieved with comparative centrifugal fans.

Typical Applications

- Airport Terminals
- Changing Rooms
- Commercial Kitchens
- Factories
- Gymnasiums
- Hotels
- Sports Centres
- Squash Courts
- Warehousing and Stores

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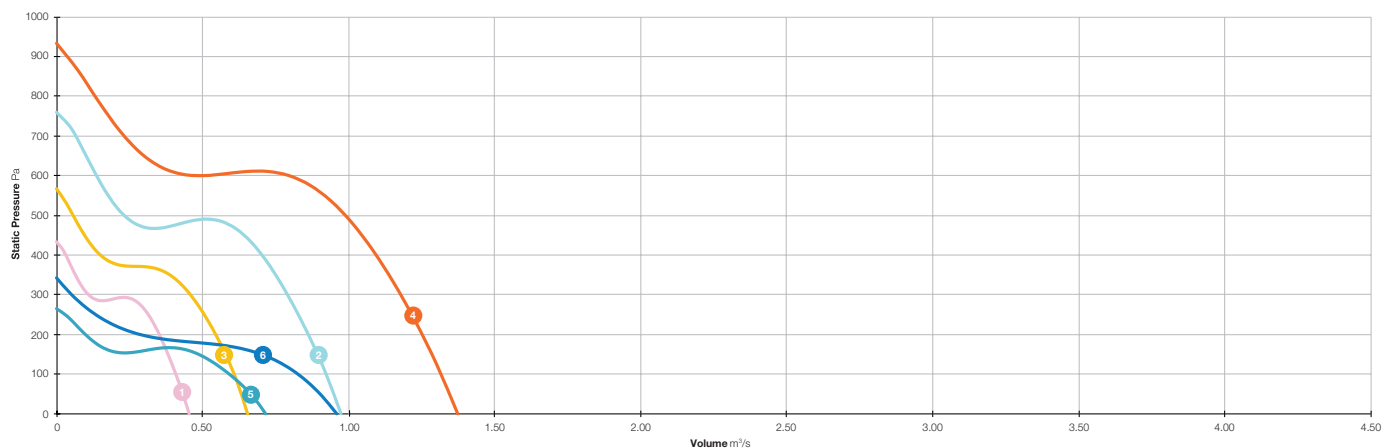
Product Coding

Code	Reference
SEL	Product Range
250	Diameter (250/315/355...)
/	
2	Number of Poles (2/4/6)
-	
1	Voltage Supply (Single Phase / Three Phase)
AC	Motor Type (AC/EC)
A - Z	Additional Coding (A - Z) Product Variants
e.g.	SEL250 / 2-1AC

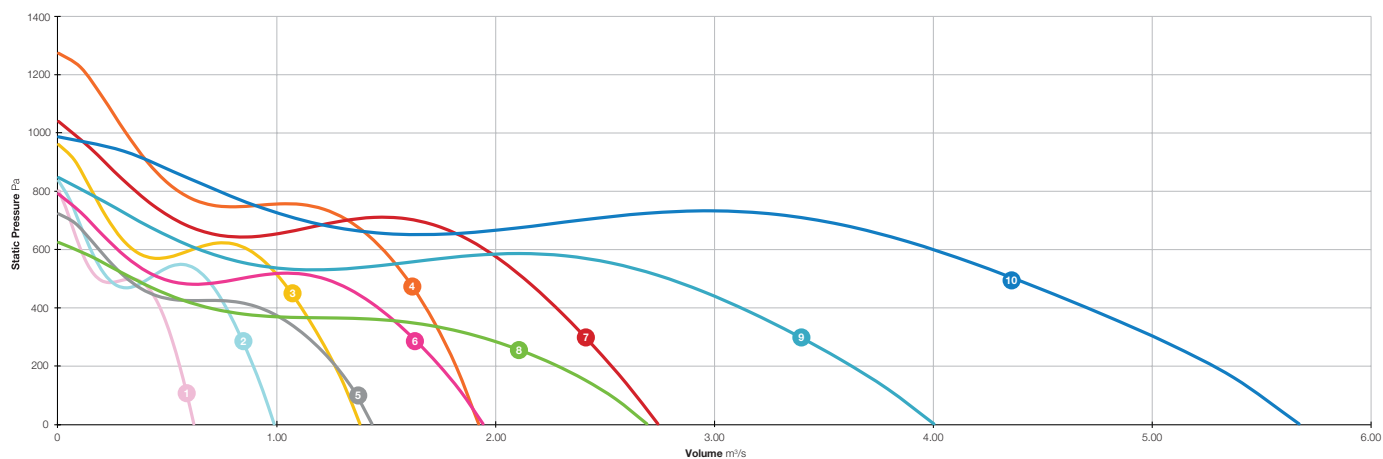
MULTIFLOW SEL



Performance Range Curves



- 1 SEL250 / 2-1AC
- 2 SEL315 / 2B-1AC
- 3 SEL315 / 2A-1AC
- 4 SEL355 / 2-1AC
- 5 SEL355 / 4-1AC
- 6 SEL400 / 4-1AC

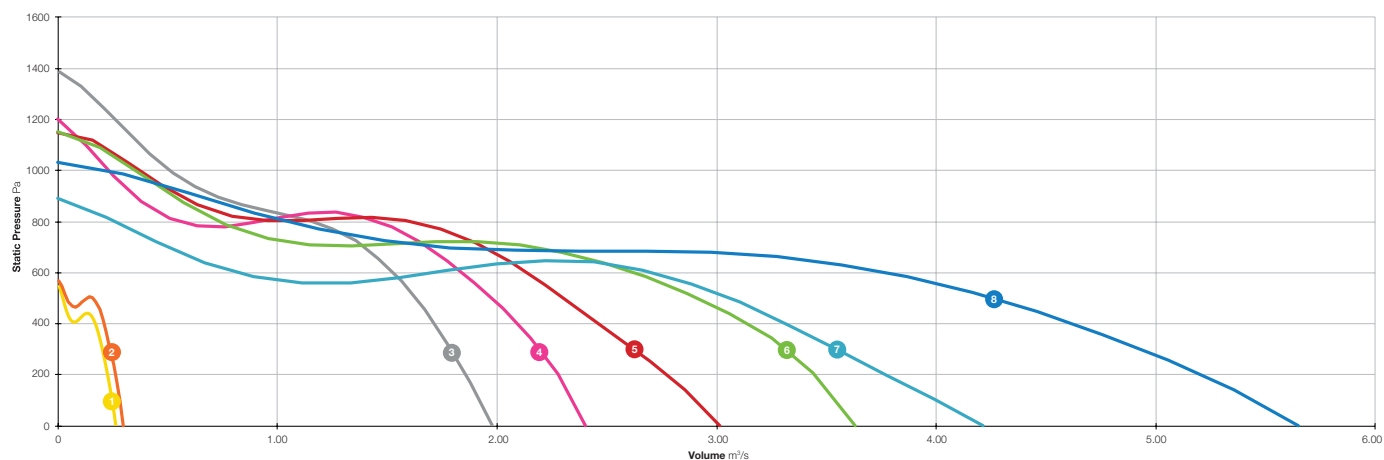


- 1 SEL250 / 2-13PAC
- 2 SEL315 / 2-13PAC
- 3 SEL355 / 2-13PAC
- 4 SEL400 / 2-3PAC
- 5 SEL400 / 4-3PAC
- 6 SEL450 / 4-3PAC
- 7 SEL500 / 4-3PAC
- 8 SEL560 / 4-3PAC
- 9 SEL630 / 4-3PAC
- 10 SEL710 / 4-3PAC

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Performance Range Curves



1 SEL150 / 1PEC
2 SEL200 / 1PEC
3 SEL400 / 1PEC

4 SEL450 / 1PEC
5 SEL500 / 3PEC
6 SEL560 / 3PEC

7 SEL630 / 3PEC
8 SEL710 / 3PEC

MULTIFLOW SEL



Performance, SFP & Electrical Data

Single Phase 220V to 240V / 50Hz

Product Code	Speed r/min	Airflow SFP	Airflow m³/s @static Pressure Pa												At Best Efficiency Point			Electrical Data		dBA @ 3m	
			0	25	50	75	100	150	200	250	300	350	400	500	Overall Eff %	FMEG N	Input kW	Peak Amps			
SEL250/2-1AC	2684	m³/s	0.453	0.442	0.431	0.419	0.407	0.380	0.350	0.313	0.108	0.064	0.031	-	46.9	65.7	0.162	0.70	Inlet	51	
		W/(L/s)	0.33	0.34	0.35	0.37	0.38	0.42	0.47	0.52	1.14	2.07	4.48	-					Outlet	53	
	2435	m³/s	0.402	0.388	0.370	0.350	0.329	0.290	0.245	0.109	0.054	-	-	-	40.9		0.114	0.80	Breakout	29	
		W/(L/s)	0.31	0.31	0.33	0.36	0.40	0.46	0.52	0.88	1.98	-	-	-					Inlet	50	
	2100	m³/s	0.317	0.300	0.259	0.231	0.211	0.172	0.093	-	-	-	-	-	28.5		0.107	0.90	Outlet	53	
		W/(L/s)	0.33	0.33	0.40	0.46	0.50	0.57	0.90	-	-	-	-	-					Breakout	29	
	1490	m³/s	0.197	0.166	0.128	0.105	0.074	-	-	-	-	-	-	-	12.3		0.068	0.90	Inlet	40	
		W/(L/s)	0.35	0.41	0.53	0.63	0.88	-	-	-	-	-	-	-					Outlet	42	
SEL315/2B-1AC	2776	m³/s	0.975	0.963	0.951	0.938	0.924	0.894	0.862	0.828	0.791	0.750	0.703	0.230	52.7	66.2	0.515	2.40	Breakout	23	
		W/(L/s)	0.50	0.51	0.52	0.53	0.54	0.57	0.60	0.63	0.67	0.71	0.76	1.66					Inlet	31	
	2540	m³/s	0.892	0.875	0.857	0.838	0.819	0.778	0.735	0.691	0.642	0.582	0.485	0.160	46.3		0.422	2.80	Outlet	55	
		W/(L/s)	0.48	0.49	0.51	0.52	0.54	0.58	0.63	0.68	0.74	0.79	0.86	2.18					Breakout	61	
	2295	m³/s	0.765	0.745	0.720	0.690	0.657	0.593	0.534	0.475	0.404	0.294	0.159	-	34.2		0.338	2.90	Inlet	52	
		W/(L/s)	0.51	0.51	0.53	0.56	0.60	0.69	0.77	0.83	0.90	1.07	1.96	-					Outlet	56	
	1760	m³/s	0.534	0.501	0.453	0.403	0.363	0.298	0.233	0.011	-	-	-	-	17.7		0.264	2.90	Breakout	37	
		W/(L/s)	0.55	0.57	0.65	0.74	0.82	0.95	1.13	24.88	-	-	-	-					Inlet	48	
SEL315/2A-1AC	2819	m³/s	0.654	0.644	0.633	0.621	0.608	0.579	0.545	0.506	0.459	0.388	0.150	0.057	50.8	67.4	0.263	1.20	Outlet	41	
		W/(L/s)	0.39	0.40	0.40	0.42	0.43	0.46	0.50	0.55	0.60	0.66	1.36	4.03					Breakout	54	
	2640	m³/s	0.609	0.597	0.583	0.569	0.552	0.516	0.474	0.425	0.354	0.161	0.100	-	47.7		0.219	1.30	Inlet	58	
		W/(L/s)	0.36	0.37	0.38	0.40	0.42	0.46	0.51	0.56	0.63	1.07	1.80	-					Outlet	52	
	2425	m³/s	0.541	0.523	0.502	0.476	0.448	0.393	0.335	0.260	0.151	0.075	0.001	-	36.9		0.173	1.50	Breakout	33	
		W/(L/s)	0.38	0.39	0.41	0.44	0.47	0.54	0.61	0.68	1.03	2.30	130.61	-					Inlet	56	
	1895	m³/s	0.387	0.355	0.315	0.272	0.236	0.177	0.102	-	-	-	-	-	19.7		0.134	1.40	Outlet	31	
		W/(L/s)	0.39	0.42	0.48	0.55	0.61	0.77	1.32	-	-	-	-	-					Breakout	49	
SEL355/2-1AC	2776	m³/s	1.372	1.358	1.344	1.330	1.315	1.283	1.250	1.215	1.177	1.137	1.093	0.988	50.5	61.2	0.955	4.30	Inlet	46	
		W/(L/s)	0.64	0.65	0.66	0.67	0.68	0.70	0.73	0.77	0.81	0.85	0.89	0.99					Outlet	59	
	2530	m³/s	1.253	1.233	1.213	1.192	1.171	1.129	1.085	1.040	0.991	0.939	0.877	0.636	45.5		0.765	4.80	Breakout	63	
		W/(L/s)	0.59	0.60	0.61	0.63	0.64	0.68	0.72	0.77	0.82	0.88	0.94	1.12					Inlet	56	
	2295	m³/s	1.119	1.093	1.063	1.032	0.999	0.932	0.865	0.797	0.724	0.634	0.493	0.211	34.5		0.613	5.10	Outlet	60	
		W/(L/s)	0.58	0.59	0.61	0.63	0.66	0.73	0.81	0.88	0.96	1.04	1.17	2.51					Breakout	39	
	1825	m³/s	0.827	0.790	0.750	0.704	0.652	0.544	0.448	0.362	0.267	0.011	-	-	20.2		0.446	4.90	Inlet	52	
		W/(L/s)	0.59	0.61	0.64	0.69	0.76	0.91	1.05	1.24	1.61	41.54	-	-					Outlet	55	

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

Data in accordance with ErP 327/2011 of the European Parliament. Measurement category used to determine energy efficiency: A.

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.

MULTIFLOW SEL



Performance, SFP & Electrical Data

Single Phase 220V to 240V / 50Hz

Product Code	Speed r/min	Airflow SFP	Airflow m³/s @static Pressure Pa												At Best Efficiency Point			Electrical Data		dBA @ 3m		
			0	25	50	75	100	150	200	250	300	350	400	500	Overall Eff %	FMEG N	Input kW	Peak Amps				
SEL355/4-1AC	1438	m³/s	0.714	0.691	0.663	0.629	0.590	0.484	0.098	0.030	-	-	-	-	46.8	66	0.150	0.70	Inlet	43		
		W/(L/s)	0.20	0.21	0.22	0.24	0.26	0.31	1.28	4.60	-	-	-	-					Outlet	45		
	1365	m³/s	0.677	0.647	0.611	0.569	0.524	0.383	0.071	-	-	-	-	-	49.4		0.120	0.70	Inlet	42		
		W/(L/s)	0.17	0.18	0.20	0.22	0.24	0.31	1.43	-	-	-	-	-					Outlet	44		
	1275	m³/s	0.593	0.529	0.434	0.380	0.322	0.126	-	-	-	-	-	-	35.7		0.090	0.90	Inlet	33		
		W/(L/s)	0.18	0.20	0.27	0.30	0.32	0.66	-	-	-	-	-	-					Outlet	38		
	940	m³/s	0.343	0.227	0.176	0.132	-	-	-	-	-	-	-	-	14.0		0.071	0.90	Inlet	18		
		W/(L/s)	0.22	0.33	0.41	0.54	-	-	-	-	-	-	-	-					Outlet	20		
	SEL400/4-1AC	1440	m³/s	0.957	0.930	0.900	0.866	0.825	0.700	0.287	0.135	0.053	-	-	-		45.8	63.4	0.211	0.90	Inlet	49
			W/(L/s)	0.20	0.21	0.23	0.24	0.26	0.31	0.60	1.35	3.68	-	-	-						Outlet	53
		1385	m³/s	0.918	0.888	0.853	0.811	0.763	0.616	0.222	0.115	-	-	-	-		52.0		0.176	1.10	Inlet	47
			W/(L/s)	0.18	0.19	0.21	0.22	0.24	0.29	0.65	1.34	-	-	-	-						Outlet	51
1305		m³/s	0.863	0.822	0.773	0.718	0.655	0.439	0.166	0.054	-	-	-	-	45.3	0.153	1.20		Inlet	47		
		W/(L/s)	0.18	0.19	0.21	0.24	0.27	0.33	0.81	2.82	-	-	-	-					Outlet	51		
1140		m³/s	0.588	0.496	0.398	0.339	0.289	-	-	-	-	-	-	-	25.4	0.115	1.40		Inlet	47		
		W/(L/s)	0.22	0.27	0.33	0.38	0.42	-	-	-	-	-	-	-					Outlet	51		

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

Data in accordance with ErP 327/2011 of the European Parliament. Measurement category used to determine energy efficiency: A.

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.

MULTIFLOW SEL



Performance, SFP & Electrical Data

Three Phase 380V to 415V / 50Hz

Product Code	Speed r/min	Airflow SFP	Airflow m³ / s @static Pressure Pa												At Best Efficiency Point			Electrical Data		dBA @ 3m	
			0	25	50	75	100	150	200	250	300	350	400	500	Overall Eff %	FMEG	Input kW	Peak Amps	Frequency Hz		
SEL250/2-13PAC*	3630	m³ / s	0.621	0.613	0.606	0.598	0.590	0.573	0.556	0.537	0.516	0.493	0.466	0.184	57.5	72	0.419	1.50	65	Inlet	59
		W / (L/s)	0.55	0.56	0.57	0.58	0.60	0.63	0.66	0.69	0.73	0.77	0.82	1.49						Outlet	62
																				Breakout	45
SEL315/2-13PAC*	2920	m³ / s	0.989	0.979	0.968	0.956	0.945	0.920	0.893	0.865	0.836	0.804	0.770	0.681	63.8	74.8	0.908	3.00	50	Inlet	58
		W / (L/s)	0.49	0.50	0.51	0.52	0.53	0.56	0.59	0.62	0.66	0.70	0.74	0.83						Outlet	67
																				Breakout	49
SEL355/2-13PAC*	2860	m³ / s	1.379	1.367	1.354	1.341	1.327	1.297	1.265	1.230	1.193	1.153	1.111	1.015	60.2	71.2	0.907	3.20	50	Inlet	60
		W / (L/s)	0.59	0.60	0.61	0.62	0.63	0.65	0.68	0.71	0.75	0.79	0.83	0.92						Outlet	65
																				Breakout	46
SEL400/2-3PAC	2890	m³ / s	1.922	1.911	1.899	1.886	1.873	1.847	1.818	1.787	1.754	1.719	1.680	1.593	60.7	69.3	1.500	3.20	50	Inlet	67
		W / (L/s)	0.73	0.73	0.74	0.75	0.76	0.78	0.80	0.83	0.86	0.88	0.91	0.98						Outlet	72
																				Breakout	59
SEL400/4-3PAC*	2180	m³ / s	1.432	1.416	1.399	1.381	1.361	1.317	1.266	1.206	1.135	1.048	0.919	0.314	59.3	71.9	0.628	2.70	75	Inlet	57
		W / (L/s)	0.41	0.42	0.43	0.44	0.45	0.48	0.51	0.54	0.58	0.63	0.68	1.61						Outlet	63
																				Breakout	47
SEL450/4-3PAC*	2000	m³ / s	1.942	1.921	1.899	1.876	1.851	1.799	1.743	1.682	1.616	1.544	1.462	1.218	61.1	70.7	1.195	4.40	70	Inlet	60
		W / (L/s)	0.46	0.46	0.47	0.48	0.49	0.52	0.55	0.58	0.62	0.66	0.70	0.80						Outlet	64
																				Breakout	51
SEL500/4-3PAC*	2040	m³ / s	2.740	2.715	2.690	2.664	2.638	2.583	2.526	2.467	2.406	2.342	2.275	2.129	64.0	71.6	1.891	7.10	70	Inlet	61
		W / (L/s)	0.59	0.60	0.61	0.61	0.62	0.64	0.67	0.70	0.74	0.77	0.82	0.90						Outlet	72
																				Breakout	54
SEL560/4-3PAC	1410	m³ / s	2.691	2.653	2.612	2.568	2.519	2.409	2.279	2.122	1.922	1.589	0.680	0.339	58.6	68	1.270	2.80	50	Inlet	63
		W / (L/s)	0.35	0.36	0.37	0.38	0.40	0.43	0.46	0.50	0.54	0.61	1.13	2.49						Outlet	65
																				Breakout	59
SEL630/4-3PAC	1430	m³ / s	4.004	3.964	3.922	3.878	3.832	3.733	3.626	3.511	3.390	3.260	3.121	2.791	64.3	70.2	2.750	5.40	50	Inlet	67
		W / (L/s)	0.47	0.48	0.49	0.49	0.50	0.52	0.55	0.58	0.61	0.65	0.69	0.78						Outlet	70
																				Breakout	61
SEL710/4-3PAC	1410	m³ / s	5.672	5.633	5.590	5.546	5.498	5.394	5.278	5.149	5.008	4.859	4.702	4.372	66.2	70.9	3.574	7.30	50	Inlet	69
		W / (L/s)	0.60	0.61	0.61	0.61	0.62	0.63	0.65	0.68	0.71	0.74	0.78	0.86						Outlet	71
																				Breakout	62

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

Overall static efficiency, r/min and FMEG values are per ISO 12759. Installation Category A.

* THREE Phase - 230V / 50Hz

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.

MULTIFLOW SEL



Performance, SFP & Electrical Data

Single Phase 230V / 50Hz

Product Code	Control Voltage	Speed r/min	Airflow SFP	Airflow m³/s @static Pressure Pa												At Best Efficiency Point			Electrical Data	dBA @ 3m	
				0	25	50	75	100	150	200	250	300	350	400	500	Overall Eff %	FMEG N	Input kW	Peak Amps		
SEL150-1PEC	Mains	3275	m³/s	0.261	0.257	0.253	0.249	0.244	0.234	0.223	0.212	0.199	0.185	0.167	0.019	44.4	63.2	0.163	0.90	Inlet	55
			W/(L/s)	0.69	0.70	0.71	0.72	0.73	0.77	0.80	0.84	0.89	0.94	1.00	5.82					Outlet	56
																				Breakout	49
SEL200-1PEC	Mains	3203	m³/s	0.297	0.293	0.289	0.285	0.280	0.270	0.260	0.248	0.236	0.223	0.209	0.159	56.3	74.8	0.170	0.80	Inlet	58
			W/(L/s)	0.52	0.53	0.54	0.56	0.57	0.60	0.64	0.68	0.72	0.76	0.82	1.02					Outlet	58
																				Breakout	48
SEL400-1PEC	Mains	2972	m³/s	1.980	1.965	1.950	1.934	1.919	1.887	1.855	1.822	1.787	1.751	1.713	1.629	64.4	73.0	1.512	8.80	Inlet	66
			W/(L/s)	0.71	0.72	0.73	0.74	0.75	0.77	0.79	0.81	0.84	0.86	0.89	0.94					Outlet	70
																				Breakout	56
SEL450-1PEC	Mains	2490	m³/s	2.404	2.391	2.377	2.362	2.347	2.315	2.279	2.239	2.195	2.147	2.094	1.975	71.0	79.2	1.670	9.90	Inlet	76
			W/(L/s)	0.64	0.65	0.65	0.66	0.67	0.68	0.70	0.72	0.74	0.76	0.79	0.85					Outlet	69
																				Breakout	57

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

Data in accordance with ErP 327/2011 of the European Parliament. Measurement category used to determine energy efficiency: A.

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.

MULTIFLOW SEL



Performance, SFP & Electrical Data

Three Phase 400V / 50Hz

Product Code	Control Voltage	Speed r/min	Airflow SFP	Airflow m³/s @static Pressure Pa												At Best Efficiency Point			Electrical Data	dBA @ 3m	
				0	25	50	75	100	150	200	250	300	350	400	500	Overall Eff %	FMEG N	Input kW	Peak Amps		
SEL500-3PEC	Mains	2080	m³/s	3.012	2.988	2.962	2.934	2.905	2.842	2.772	2.698	2.620	2.542	2.463	2.304	74.2	81.9	1.844	3.30	Inlet	63
			W/(L/s)	0.60	0.61	0.61	0.62	0.62	0.64	0.65	0.67	0.69	0.72	0.75	0.80					Outlet	71
																				Breakout	56
SEL560-3PEC	Mains	1930	m³/s	3.630	3.611	3.592	3.571	3.549	3.501	3.448	3.386	3.316	3.235	3.142	2.913	67.4	74.1	2.303	4.40	Inlet	69
			W/(L/s)	0.60	0.61	0.61	0.62	0.63	0.65	0.66	0.69	0.71	0.74	0.77	0.84					Outlet	72
																				Breakout	60
SEL630-3PEC	Mains	1500	m³/s	4.213	4.161	4.107	4.052	3.997	3.885	3.772	3.659	3.547	3.433	3.316	3.060	75.4	82.5	2.117	3.80	Inlet	66
			W/(L/s)	0.48	0.48	0.48	0.48	0.49	0.51	0.53	0.56	0.59	0.62	0.66	0.73					Outlet	68
																				Breakout	59
SEL710-3PEC	Mains	1410	m³/s	5.652	5.603	5.552	5.499	5.445	5.329	5.205	5.073	4.933	4.783	4.623	4.260	73.8	79.1	3.117	5.70	Inlet	65
			W/(L/s)	0.48	0.49	0.50	0.51	0.51	0.53	0.55	0.58	0.60	0.63	0.66	0.73					Outlet	69
																				Breakout	57

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

Data in accordance with ErP 327/2011 of the European Parliament. Measurement category used to determine energy efficiency: A.

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.

Sound Data

Single Phase 220V to 240V / 50Hz

Product Code	Sound r/min		Sound Power Level dBW @ Octave Band Hz								Total dB
			63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz	
SEL250/2-1AC	2684	Inlet	-	36	47	57	63	66	67	56	70
		Outlet	-	41	57	63	69	69	65	54	74
		Breakout	-	36	35	34	45	44	41	35	49
	2435	Inlet	-	40	45	55	62	65	66	54	70
		Outlet	-	41	57	62	68	69	64	52	73
		Breakout	-	37	34	33	45	44	41	34	49
	2100	Inlet	-	54	40	50	56	56	49	39	61
		Outlet	-	56	47	52	59	58	50	36	63
		Breakout	-	48	36	38	39	38	31	21	49
	1490	Inlet	-	51	36	45	49	44	31	26	54
		Outlet	-	54	49	47	54	50	33	23	59
		Breakout	-	43	34	35	33	28	15	8	45
SEL315/2B-1AC	2776	Inlet	-	48	64	69	70	70	69	66	76
		Outlet	-	50	70	75	78	75	71	65	81
		Breakout	-	46	50	52	57	54	53	46	61
	2540	Inlet	-	44	58	64	66	66	67	64	73
		Outlet	-	42	67	71	73	71	67	62	78
		Breakout	-	44	47	50	53	52	50	43	58
	2295	Inlet	-	45	51	60	62	62	64	58	69
		Outlet	-	42	64	66	69	66	63	56	73
		Breakout	-	42	45	48	50	48	47	39	55
	1760	Inlet	-	44	50	53	56	56	56	43	62
		Outlet	-	52	56	61	64	60	56	45	68
		Breakout	-	37	39	42	42	39	37	25	48
SEL315/2A-1AC	2819	Inlet	-	49	63	68	70	69	66	57	75
		Outlet	-	50	69	73	75	73	66	58	79
		Breakout	-	44	46	49	53	51	49	45	57
	2640	Inlet	-	52	63	68	68	67	63	55	73
		Outlet	-	48	67	71	73	70	64	55	77
		Breakout	-	39	41	45	49	48	45	40	54
	2425	Inlet	-	44	56	63	65	64	59	50	70
		Outlet	-	46	62	67	71	67	60	51	74
		Breakout	-	40	41	44	49	45	41	36	52
	1895	Inlet	-	41	49	60	58	55	47	37	63
		Outlet	-	44	55	63	64	59	50	39	68
		Breakout	-	37	36	39	43	38	32	24	47
SEL355/2-1AC	2776	Inlet	-	47	64	70	75	74	71	64	79
		Outlet	-	54	70	76	80	77	72	64	83
		Breakout	-	45	55	55	58	56	55	45	63
	2530	Inlet	-	46	62	67	72	71	68	60	76
		Outlet	-	50	65	74	77	74	69	60	81
		Breakout	-	44	48	51	55	53	52	40	60
	2295	Inlet	-	48	58	65	68	67	64	55	73
		Outlet	-	49	64	71	72	69	65	55	76
		Breakout	-	41	46	51	52	49	48	35	57
	1825	Inlet	-	42	52	60	61	61	54	44	66
		Outlet	-	52	57	67	66	62	57	44	71
		Breakout	-	40	43	51	45	42	38	23	53

Data provided at standard air density of 1.2 kg/m³.
 Tests and preparation of the sound data have been carried out at operating point with the highest static efficiency.
 The Sound Power Level Spectra are in dB re-1pW.

MULTIFLOW SEL



Sound Data

Single Phase 220V to 240V / 50Hz

Product Code	Sound r/min		Sound Power Level dBW @ Octave Band Hz								Total dB
			63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz	
SEL355/4-1AC	1438	Inlet	-	44	55	58	60	57	55	44	64
		Outlet	-	54	56	62	63	57	53	41	67
		Breakout	-	42	39	40	43	39	39	25	48
	1365	Inlet	-	45	53	57	58	56	55	42	63
		Outlet	-	54	54	61	62	57	52	39	66
		Breakout	-	40	34	39	41	38	38	22	47
	1275	Inlet	-	34	48	50	49	47	40	27	55
		Outlet	-	42	48	56	56	50	43	29	60
		Breakout	-	34	30	35	34	33	24	13	41
	940	Inlet	-	24	42	38	31	24	19	10	44
		Outlet	-	26	38	41	37	24	21	12	44
		Breakout	-	26	24	27	21	18	24	22	32
SEL400/4-1AC	1440	Inlet	-	49	56	67	64	63	57	47	70
		Outlet	-	61	60	71	70	65	60	50	75
		Breakout	-	48	44	58	57	49	48	37	61
	1385	Inlet	-	44	55	63	62	62	56	46	68
		Outlet	-	56	60	70	68	64	58	48	73
		Breakout	-	44	42	58	54	48	46	36	60
	1305	Inlet	-	47	55	65	62	62	55	44	68
		Outlet	-	56	58	70	67	63	57	46	73
		Breakout	-	45	40	56	53	47	45	35	59
	1140	Inlet	-	46	48	70	58	54	44	31	70
		Outlet	-	50	52	74	58	52	44	33	74
		Breakout	-	44	41	70	46	40	35	26	70

Data provided at standard air density of 1.2 kg/m³.
 Tests and preparation of the sound data have been carried out at operating point with the highest static efficiency.
 The Sound Power Level Spectra are in dB re-1pW.

Sound Data

Three Phase 380V to 415V / 50Hz

Product Code	Speed r/min		Sound Power Level dBW @ Octave Band Hz								Total dB
			63Hz	125Hz	250Hz	500Hz	1 kHz	2 kHz	4 kHz	8 kHz	
SEL250/2-13PAC*	3630	Inlet	44	48	58	70	73	74	73	66	79
		Outlet	43	51	61	73	78	77	73	65	82
		Breakout	52	37	45	48	56	58	63	47	65
SEL315/2-13PAC*	2920	Inlet	-	44	59	70	74	73	71	70	79
		Outlet	-	52	67	78	85	81	74	68	87
		Breakout	-	49	49	64	67	60	59	51	70
SEL355/2-13PAC*	2860	Inlet	-	49	70	72	76	75	73	67	81
		Outlet	-	55	73	80	82	79	74	66	85
		Breakout	-	53	57	60	63	59	58	48	67
SEL400/2-3PAC	2890	Inlet	-	61	78	79	81	83	78	69	87
		Outlet	-	65	79	89	88	85	82	73	93
		Breakout	-	56	80	76	75	70	68	59	82
SEL400/4-3PAC*	2180	Inlet	-	54	69	72	73	73	68	60	79
		Outlet	-	57	73	80	80	76	72	63	84
		Breakout	-	47	50	62	64	60	58	48	68
SEL450/4-3PAC*	2000	Inlet	-	52	69	72	75	76	74	65	81
		Outlet	-	58	74	81	81	78	75	66	86
		Breakout	-	49	60	67	68	63	61	50	72
SEL500/4-3PAC*	2040	Inlet	-	57	73	77	77	76	73	65	83
		Outlet	-	73	81	89	89	85	80	72	93
		Breakout	-	71	76	73	69	64	63	58	79
SEL560/4-3PAC	1410	Inlet	-	66	82	79	79	77	71	61	86
		Outlet	-	70	82	83	82	78	72	63	88
		Breakout	-	57	86	73	71	67	60	50	86
SEL630/4-3PAC	1430	Inlet	-	66	84	82	85	78	72	64	89
		Outlet	-	72	82	87	87	82	78	68	91
		Breakout	-	66	71	81	76	72	63	55	83
SEL710/4-3PAC	1410	Inlet	-	74	86	86	86	82	75	66	92
		Outlet	-	73	88	88	87	84	77	67	93
		Breakout	-	69	79	80	79	73	62	55	85

Data provided at standard air density of 1.2 kg/m³.
 Tests and preparation of the sound data have been carried out at operating point with the highest static efficiency.
 The Sound Power Level Spectra are in dB re-1pW.

MULTIFLOW SEL



Sound Data

Single Phase 230V / 50Hz

Product Code	Control Voltage		Sound Power Level dBW @ Octave Band Hz								Total dB
			63Hz	125Hz	250Hz	500Hz	1 kHz	2 kHz	4 kHz	8 kHz	
SEL150-1PEC	Mains	Inlet	39	48	57	68	70	71	67	59	75
		Outlet	38	49	61	70	73	71	66	59	77
		Breakout	44	41	51	58	67	65	56	50	70
SEL200-1PEC	Mains	Inlet	37	42	54	66	73	74	70	62	78
		Outlet	41	42	55	69	75	74	69	61	79
		Breakout	44	33	53	56	64	64	56	48	68
SEL400-1PEC	Mains	Inlet	11	56	74	78	81	82	78	69	9
		Outlet	-	58	76	86	86	84	80	71	9
		Breakout	-	49	59	72	72	69	69	59	9
SEL450-1PEC	Mains	Inlet	30	69	83	89	92	91	89	80	81
		Outlet	10	61	75	86	86	83	80	70	91
		Breakout	10	48	66	75	73	70	67	58	78

Data provided at standard air density of 1.2 kg/m³.
 Tests and preparation of the sound data have been carried out at operating point with the highest static efficiency.
 The Sound Power Level Spectra are in dB re-1pW.

MULTIFLOW SEL



Sound Data

Three Phase 400V / 50Hz

Product Code	Control Voltage		Sound Power Level dBW @ Octave Band Hz								Total dB
			63Hz	125Hz	250Hz	500Hz	1 kHz	2 kHz	4 kHz	8 kHz	
SEL500-3PEC	Mains	Inlet	-	63	73	78	80	77	74	66	84
		Outlet	-	74	78	89	88	83	79	70	92
		Breakout	-	55	67	73	74	65	62	57	78
SEL560-3PEC	Mains	Inlet	-	71	81	86	86	83	77	67	91
		Outlet	-	74	82	90	88	85	79	70	94
		Breakout	-	60	72	79	77	73	66	57	82
SEL630-3PEC	Mains	Inlet	-	73	79	83	83	81	74	66	88
		Outlet	-	73	82	86	85	82	76	66	90
		Breakout	-	62	73	78	75	71	61	54	81
SEL710-3PEC	Mains	Inlet	-	72	78	82	81	79	74	67	87
		Outlet	-	77	85	87	85	82	76	68	92
		Breakout	-	64	72	76	73	70	62	55	80

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

Tests and preparation of the sound data have been carried out at operating point with the highest static efficiency.

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

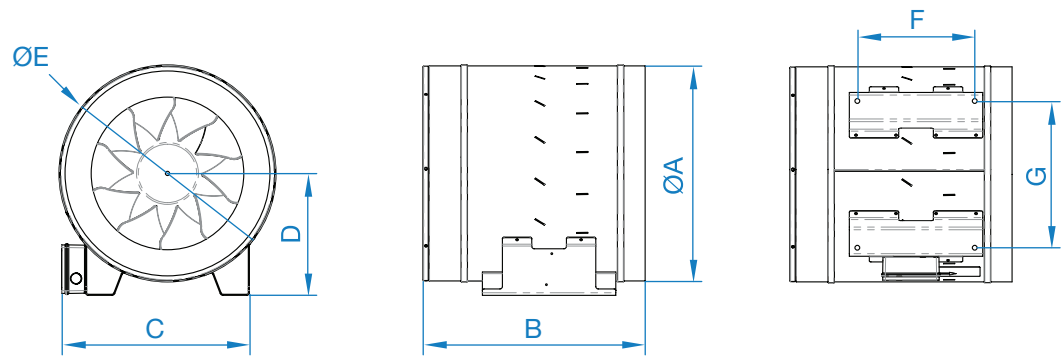
MULTIFLOW SEL



Dimensional Data

Single Phase

Product Code	ø A	B	C	D	ø E	F	G	Weight kg
SEL250/2-1AC	250	215	245	132	254	90	220	5
SEL315/2B-1AC	315	351	332	164	319	160	260	15
SEL315/2A-1AC	315	308	311	161	315	120	239	8
SEL355/2-1AC	355	396	371	184	358	175	300	17
SEL355/4-1AC	355	396	371	184	358	175	300	14
SEL400/4-1AC	400	417	352	229	407	220	275	13



Dimensions are in mm.

Accessories

Single Phase

Product Code	Damper	Electric Heater Battery	Fast Clamps (each)	Matching Flanges (each)	Panel Filter	Spigot Silencer 300mm Long
SEL250/2-1AC	018-250-DAMPER	018-CV25-30-1M	018-250-CLAMP	-	018-0250-FILT-P	068-0250-JF1
SEL315/2B-1AC	018-315-DAMPER	018-CV31-30-1M	018-315-CLAMP	-	018-0315-FILT-P	068-0315-JF1
		018-CV31-45-1M				
		018-CV31-90-3M				
SEL315/2A-1AC	018-315-DAMPER	018-CV31-30-1M	018-315-CLAMP	-	018-0315-FILT-P	068-0315-JF1
		018-CV31-45-1M				
		018-CV31-90-3M				
SEL355/2-1AC	018-355-DAMPER	018-CV35-90-3M	018-355-CLAMP	-	018-0355-FILT-P	068-0355-JF1
SEL355/4-1AC	018-355-DAMPER	018-CV35-90-3M	018-355-CLAMP	-	018-0355-FILT-P	068-0355-JF1
SEL400/4-1AC	018-400-DAMPER	018-CV40-90-3M	018-400-CLAMP	-	018-0400-FILT-P	068-0400-JF1
		018-CV40-120-3E				

Product Code	Spigot Silencer 600mm Long	Spigot Silencer 900mm Long	Spigot Silencer 1200mm Long	Transformer Controller	Wiring Diagram
SEL250/2-1AC	068-0250-JF2	068-0250-JF3	068-0250-JF4	149-TC12	152-539
SEL315/2B-1AC	068-0315-JF2	068-0315-JF3	068-0315-JF4	149-TC14	152-540
SEL315/2A-1AC	068-0315-JF2	068-0315-JF3	068-0315-JF4	149-TC14	152-540
SEL355/2-1AC	068-0355-JF2	068-0355-JF3	068-0355-JF4	149-TC18	152-540
SEL355/4-1AC	068-0355-JF2	068-0355-JF3	068-0355-JF4	149-TC12	152-540
SEL400/4-1AC	068-0400-JF2	068-0400-JF3	068-0400-JF4	149-TC14	152-541

Accessories

Three Phase

Product Code	Damper	EC Electronic Controller	Electric Heater Battery	Fast Clamps (each)	Matching Flanges (each)	Panel Filter
SEL250/2-13PAC*	018-250-DAMPER	149-POT-10	018-CV25-30-1M	018-250-CLAMP	-	018-0250-FILT-P
SEL315/2-13PAC*	018-315-DAMPER	149-POT-10	018-CV31-30-1M	018-315-CLAMP	-	018-0315-FILT-P
			018-CV31-45-1M			
			018-CV31-90-3M			
SEL355/2-13PAC*	018-355-DAMPER	149-POT-10	018-CV35-90-3M	018-355-CLAMP	-	018-0355-FILT-P
SEL400/2-3PAC	018-400-DAMPER	149-POT-10	018-CV40-90-3M	018-400-CLAMP	-	018-0400-FILT-P
			018-CV40-120-3E			
SEL400/4-3PAC*	018-400-DAMPER	149-POT-10	018-CV40-90-3M	018-400-CLAMP	-	018-0400-FILT-P
			018-CV40-120-3E			
SEL450/4-3PAC*	-	149-POT-10	-	018-450-CLAMP	061B-0450	-
SEL500/4-3PAC*	-	149-POT-10	-	018-500-CLAMP	061B-0500	018-0500-FILT-P
SEL560/4-3PAC	-	149-POT-10	-	018-560-CLAMP	061B-0560	-
SEL630/4-3PAC	-	149-POT-10	-	018-630-CLAMP	061B-0630	-
SEL710/4-3PAC	-	149-POT-10	-	018-710-CLAMP	061B-0710	-

Product Code	SEL AC Electronic Controller	Spigot Silencer 300mm Long	Spigot Silencer 600mm Long	Spigot Silencer 900mm Long	Spigot Silencer 1200mm Long	Wiring Diagram
SEL250/2-13PAC*	149-FU07501	068-0250-JF1	068-0250-JF2	068-0250-JF3	068-0250-JF4	152-544
SEL315/2-13PAC*	149-FU07501	068-0315-JF1	068-0315-JF2	068-0315-JF3	068-0315-JF4	152-544
SEL355/2-13PAC*	149-FU07501	068-0355-JF1	068-0355-JF2	068-0355-JF3	068-0355-JF4	152-544
SEL400/2-3PAC	149-FU2205	068-0400-JF1	068-0400-JF2	068-0400-JF3	068-0400-JF4	152-544
SEL400/4-3PAC*	149-FU07501	068-0400-JF1	068-0400-JF2	068-0400-JF3	068-0400-JF4	152-544
SEL450/4-3PAC*	149-FU1501	068-0450-1DENP	068-0450-2DENP	-	-	152-544
SEL500/4-3PAC*	149-FU2201	068-0500-1DENP	068-0500-2DENP	-	-	152-544
SEL560/4-3PAC	149-FU2205	068-0560-1DENP	068-0560-2DENP	-	-	152-544
SEL630/4-3PAC	149-FU3004	068-0630-1DENP	068-0630-2DENP	-	-	152-544
SEL710/4-3PAC	149-FU4004	068-0710-1DENP	068-0710-2DENP	-	-	152-544

* THREE Phase - 230V / 50Hz

Single Phase

Product Code	EC Controller	EC Electronic Controller	Electric Heater Battery	Fast Clamps (each)	Matching Flanges (each)
SEL150-1PEC	-	149-POT-10-MI	018-CV15-27-1M	018-150-CLAMP	-
SEL200-1PEC	-	149-POT-10-MI	018-CV20-30-1M	018-200-CLAMP	-
SEL400-1PEC	149-ECC1401	149-POT-10-MI	018-CV40-90-3M 018-CV40-120-3E	018-400-CLAMP	-
SEL450-1PEC	149-ECC1401	149-POT-10-MI	-	018-450-CLAMP	061B-0450

Product Code	Panel Filter	Spigot / Flanged Silencer 300mm Long	Spigot / Flanged Silencer 600mm Long	Spigot Silencer 900mm Long	Spigot Silencer 1200mm Long	Wiring Diagram
SEL150-1EC	018-0150-FILT-P	068-0150-JF1	068-0150-JF2	068-0150-JF3	068-0150-JF4	152-546
SEL200-1EC	018-0200-FILT-P	068-0200-JF1	068-0200-JF2	068-0200-JF3	068-0200-JF4	152-546
SEL400-1PEC	018-0400-FILT-P	068-0400-JF1	068-0400-JF2	068-0400-JF3	068-0400-JF4	152-547
SEL450-1PEC	-	068-0450-1DENP	068-0450-2DENP	-	-	152-547

Three Phase

Product Code	EC Controller	EC Electronic Controller	Fast Clamps (each)	Flanged Silencer 300mm Long
SEL500-3PEC	149-ECC2002	149-POT-10-MI	018-500-CLAMP	068-0500-1DENP
SEL560-3PEC	149-ECC3001	149-POT-10-MI	018-560-CLAMP	068-0560-1DENP
SEL630-3PEC	149-ECC3001	149-POT-10-MI	018-630-CLAMP	068-0630-1DENP
SEL710-3PEC	149-ECC4501	149-POT-10-MI	018-710-CLAMP	068-0710-1DENP

Product Code	Flanged Silencer 600mm Long	Matching Flanges (each)	Panel Filter	Wiring Diagram
SEL500-3PEC	068-0500-2DENP	061B-0500	018-0500-FILT-P	152-547
SEL560-3PEC	068-0560-2DENP	061B-0560	-	152-547
SEL630-3PEC	068-0630-2DENP	061B-0630	-	152-547
SEL710-3PEC	068-0710-2DENP	061B-0710	-	152-547

MULTIFLOW SEL

Notes

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Notes

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Tel **+44 (0) 1384 275800**
Email **info@eltauk.com**
eltauk.com

SEL-02-2024 Issue E

