

Plate Mounted Axial Fans

Performance Guide & Electrical Data

Unit Code	Nom. RPM	Phase	Duty - m ³ /s @ Pa												Motor			dBA @3m		
			0	25	50	75	100	125	150	200	250	300	350	400	450	kW	FLC		SC	
2 Pole																				
E250/2/1A	2500	1															0.25	1.2	4.8	60
E250/2/3A	2500	3	0.600	0.575	0.548	0.518	0.482	0.442	0.381								0.25	0.5	3.0	
E315/2/1HA	2500	1															0.37	1.7	8.8	69
E315/2/3HA	2500	3	1.33	1.295	1.26	1.225	1.18	1.14	1.08	0.965	0.83	0.35	0.31				0.55	1.2	6	
E350/2/1HA	2500	1															0.37	2.2	9.8	75
E350/2/3HA	2500	3	1.94	1.885	1.84	1.786	1.74	1.685	1.64	1.525	1.385	1.20					0.55	1.8	11.16	
4 Pole																				
E250/4/1A	1330	1															0.06	0.3	1.2	45
E250/4/3A	1330	3	0.337	0.287													0.06	0.2	1.2	
E315/4/1A	1300	1															0.1	0.6	2.4	49
E315/4/3A	1300	3	0.653	0.585	0.490	0.365											0.15	0.3	1.8	
E350/4/1A	1225	1															0.2	1	4	53
E350/4/3A	1260	3	0.969	0.865	0.710	0.540											0.2	0.5	3	
E400/4/1A	1200	1															0.34	1.6	6.4	57
E400/4/3A	1350	3	1.408	1.332	1.223	1.065	0.889										0.30	0.8	4.8	
E450/4/1A	1290	1															0.48	2.3	9.2	59
E450/4/3A	1230	3	1.877	1.744	1.610	1.471	1.320	1.110									0.5	1	6	
E500/4/1A	1290	1															0.65	3	12	63
E500/4/3A	1350	3	2.555	2.425	2.271	2.106	1.924	1.732	1.480								0.66	1.6	9.6	
E560/4/1A	1250	1															0.98	4.9	19.6	67
E560/4/3A	1320	3	3.466	3.330	3.150	2.950	2.750	2.540	2.320								1.21	2.3	13.8	
E630/4/1A	1420	3															1.55	3	18	69
E630/4/3HA	1410	3	4.738	4.580	4.420	4.235	4.025	3.800	3.540	2.800							2.20	4.3	25.4	
E710/4/3A	1350	3															2.2	4	24	72
E800/4/3A	1430	3	6.153	5.920	5.700	5.480	5.220	4.950	4.610	3.350	1.915						4.2	7.3	43.8	
E1000/4/3A	1460	3															7.2	12	72	87
			15.00	14.61	14.23	13.82	13.40	12.98	12.50	11.50	10.35	9.050	7.500	5.50	2.400					
6 Pole																				
E350/6/1A	800	1															0.09	0.5	2	39
E350/6/3A	875	3	0.614	0.470													0.09	0.3	1.8	
E400/6/1A	750	1															0.11	0.6	2.4	44
E400/6/3A	830	3	0.944	0.801	0.555												0.11	0.3	1.8	
E450/6/1A	835	1															0.22	1.2	4.8	47
E450/6/3A	835	3	1.263	1.103	0.900												0.19	0.5	3	
E500/6/1A	840	1															0.29	1.6	6.4	50
E500/6/3A	840	3	1.616	1.405	1.160												0.25	0.5	3	
E560/6/1A	900	1															0.42	2.4	9.6	55
E560/6/3A	900	3	2.186	2.045	1.710	1.330											0.41	0.9	5.4	
E630/6/1A	800	1															0.51	2.6	10.4	56
E630/6/3A	810	3	2.986	2.812	2.520	2.069											0.46	1.2	7.2	
E710/6/1A	900	1															1.3	5.7	22.8	64
E710/6/3A	920	3	4.583	4.27	3.900	3.310	2.060	1.460									1.1	2.8	16.8	
E800/6/3A	940	3															1.22	2.5	15	71
			6.111	5.680	5.270	4.835	4.330	3.550	2.320											
E1000/6/3A	950	3															2.33	4.4	26.4	78
			10.11	9.645	9.150	8.600	8.000	7.270	6.320	3.735										
8 Pole																				
E630/8/1A	585	1															0.32	1.7	6.8	49
E630/8/3A	635	3	2.316	1.970	1.370												0.31	0.8	4.8	
E710/8/1A	625	1															0.48	2.4	9.6	57
E710/8/3A	670	3	3.320	2.850	1.955												0.45	1.2	7.2	
E800/8/3A	690	3															0.7	1.7	10.2	63
			4.770	4.310	3.730	2.120														
E1000/8/3A	725	3															1.1	2.7	16.2	72
			7.511	6.960	6.280	5.350	4.000	2.100												

FLC = Full Load Current SC = Starting Current