

Deleted Models in this Catalog

Following models were deleted in this latest version of catalog. However, these models are not discontinued product. Please contact us for further assistance if necessary.

■ DC Fan

Size	Model no.	Frame material	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
Ø200 × 70 mm	109E2024S001	Aluminum	24	21.6 to 26.4	1.9	45.6	3200	10.45 369	287.1 1.153	57	-10 to +70	40000
Ø200 × 70 mm	109E2024H001	Aluminum	24	20.4 to 27.6	1.0	24	2600	8.2 289.5	192 0.771	51	-10 to +70	40000
Ø200 × 70 mm	109E2024AS001	Aluminum	24	21.6 to 26.4	1.9	45.6	3200	10.45 369	287.1 1.153	57	-10 to +70	40000
					1.45	34.8	2800	9 317.8	215.6 0.865	54		
Ø200 × 70 mm	109E2024MH001	Aluminum	24	20.4 to 27.6	1.0	24	2600	8.2 289.5	192 0.771	51	-10 to +70	40000
					0.63	15.12	2100	6.7 236.6	115.4 0.463	45		

■ Counter Rotating Fan

Size	Model no.	Frame material	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]		Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
							Inlet	Outlet					
40 × 40 × 56 mm	9CRA0412K501	Plastic	12	10.8 to 12.6	1.8	21.6	17000	13000	0.95 33.5	650 2.61	65	-20 to +60	40000
40 × 40 × 56 mm	9CRA0412J501	Plastic	12	10.8 to 13.2	1.4	16.8	15800	12200	0.9 31.8	570 2.29	62	-20 to +70	40000
40 × 40 × 56 mm	9CRA0412G501	Plastic	12	10.8 to 13.2	1.0	12	14000	10400	0.77 27.2	435 1.75	59	-20 to +70	40000
60 × 60 × 76 mm	9CR0612S001	Plastic	12	10.8 to 13.2	3.2	38.4	11500	7000	2.26 80	550 2.21	66	-10 to +60	40000
60 × 60 × 76 mm	9CR0612H001	Plastic	12	10.8 to 13.2	2.7	32.4	10300	6500	1.98 70	450 1.81	64	-10 to +60	40000
80 × 80 × 80 mm	9CR0812S801	Plastic	12	10.8 to 13.2	5.5	66.0	8000	5300	4.53 160	520 2.09	71	-10 to +60	40000
80 × 80 × 80 mm	9CR0812H801	Plastic	12	10.8 to 13.2	3.6	43.2	7000	4600	3.97 140	400 1.61	68	-10 to +60	40000

Size	Model no.	Frame material	Rated voltage [V]	PWM frequency [kHz]	Rated current [A]	Rated speed [min ⁻¹]		Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
						Duty cycle 0%	Duty cycle 100%					
60 × 60 × 76 mm	9CR0612P0S03	Plastic	12	25.0	3.2	Inlet: 1300 Outlet: 800	Inlet: 11500 Outlet: 7000	2.26 79.8	550 2.21	66	40000	
	9CR0612P0H03	Plastic	12	25.0	2.7	Inlet: 1200 Outlet: 800	Inlet: 10300 Outlet: 6500	1.98 69.91	450 1.81	64	40000	
80 × 80 × 80 mm	9CR0848P8S03	Plastic	48	25.0	1.29	Inlet: 2000 Outlet: 1300	Inlet: 8000 Outlet: 5300	4.53 159.95	520 2.09	71	40000	

Size	Model no.	Frame material	Rated voltage [V]	Operating voltage range [V]	PWM duty cycle* [%]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]		Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
								Inlet	Outlet					
40 × 40 × 56 mm	9CRB0412P5S201	Plastic	12	10.8 to 13.2	100	1.4	16.8	22000	19700	0.9 31.8	1045 4.197	68	-20 to +70	40000
					0	0.09	1.08	3800	3500	0.15 5.3	31 0.124	26	-20 to +70	40000
40 × 40 × 56 mm	9CRB0412P5K001	Plastic	12	10.8 to 13.2	100	0.88	10.56	19000	17000	0.76 26.83	730 2.93	62	-20 to +70	40000
					0	0.11	1.32	5700	5100	0.21 7.41	67 0.26	33	-20 to +70	40000
40 × 40 × 56 mm	9CRB0412P5J201	Plastic	12	10.8 to 13.2	100	0.72	8.64	17300	16000	0.71 25.1	650 2.61	61	-20 to +70	40000
					0	0.07	0.84	3450	3200	0.13 4.59	26 0.1	24	-20 to +70	40000

* PWM frequency: 25 kHz

■ Long Life Fan

Size	Model no.	Frame material	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
60 × 60 × 25 mm	109L0612G401	Aluminum	12	10.2 to 13.8	0.24	2.88	5600	0.78 27.5	87.3 0.35	39	-20 to +70	100000
60 × 60 × 25 mm	109L0612S401	Aluminum	12	10.2 to 13.8	0.17	2.04	4600	0.65 23.0	56.8 0.228	33	-20 to +70	100000
60 × 60 × 25 mm	109L0612H401	Aluminum	12	10.2 to 13.8	0.11	1.32	3800	0.53 18.7	40.2 0.161	28	-20 to +70	100000
60 × 60 × 25 mm	109L0612F401	Aluminum	12	10.2 to 13.8	0.09	1.08	3200	0.44 15.5	29.4 0.118	24	-20 to +70	100000
60 × 60 × 25 mm	109L0612M401	Aluminum	12	10.2 to 13.8	0.06	0.72	2600	0.36 12.7	19.6 0.079	20	-20 to +70	100000
60 × 60 × 25 mm	109L0624D401	Aluminum	24	20.4 to 27.6	0.12	2.88	5150	0.72 25.4	73.8 0.296	37	-20 to +70	100000
60 × 60 × 25 mm	109L0624S401	Aluminum	24	20.4 to 27.6	0.08	1.92	4600	0.65 23.0	56.8 0.23	33	-20 to +70	100000
60 × 60 × 25 mm	109L0624H401	Aluminum	24	20.4 to 27.6	0.06	1.44	3800	0.53 18.7	40.2 0.161	28	-20 to +70	100000
60 × 60 × 25 mm	109L0624F401	Aluminum	24	20.4 to 27.6	0.05	1.2	3200	0.44 15.5	29.4 0.118	24	-20 to +70	100000
60 × 60 × 25 mm	109L0624M401	Aluminum	24	20.4 to 27.6	0.04	0.96	2600	0.36 12.7	19.6 0.079	20	-20 to +70	100000
60 × 60 × 25 mm	109L0648G401	Aluminum	48	40.8 to 55.2	0.07	3.36	5600	0.78 27.5	87.3 0.35	39	-20 to +60	80000
60 × 60 × 25 mm	109L0648H401	Aluminum	48	40 to 53	0.04	1.92	3800	0.53 18.7	40.2 0.161	28	-20 to +70	100000

Thermally Controlled Fan

Size	Model no.	Frame material	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]		Max. static pressure [Pa] [inchH ₂ O]		SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
52 × 52 × 15 mm	109P0512T7H12	Plastic	12	10.2 to 13.8	0.13	1.56	4600	0.255	9.0	31.9	0.128	27	-10 to +70	60000
					0.09	1.08	2300	0.13	4.6	8.8	0.035	17		
52 × 52 × 15 mm	109P0512T7H122	Plastic	12	10.2 to 13.8	0.13	1.56	4900	0.27	9.5	36.2	0.145	28	-10 to +70	60000
					0.09	1.08	2400	0.14	4.9	9.6	0.039	17		
60 × 60 × 15 mm	109P0612T7H12	Plastic	12	10.2 to 13.8	0.12	1.44	4100	0.4	14.1	38.2	0.153	32	-10 to +70	60000
					0.08	0.96	2050	0.2	7.1	9.3	0.037	18		
60 × 60 × 15 mm	109P0612T7H122	Plastic	12	10.2 to 13.8	0.12	1.44	4300	0.42	14.8	42.0	0.169	32	-10 to +70	60000
					0.08	0.96	2100	0.2	7.0	9.7	0.039	18		
60 × 60 × 20 mm	109P0612T6H12	Plastic	12	10.2 to 13.8	0.15	1.8	4200	0.42	14.8	31.9	0.128	31	-10 to +70	60000
					0.1	1.2	2100	0.21	7.4	8.8	0.035	21		
60 × 60 × 20 mm	109P0612T6H122	Plastic	12	10.2 to 13.8	0.15	1.8	4400	0.44	15.5	35.0	0.141	33	-10 to +70	60000
					0.1	1.2	2150	0.22	7.8	9.2	0.037	21		
60 × 60 × 25 mm	109R0612T4H12 109R0612T4H121	Plastic	12	10.2 to 13.8	0.13	1.56	3800	0.53	18.7	40.2	0.161	28	-10 to +60	60000
					0.1	1.2	1900	0.26	9.2	9.8	0.039	15		
60 × 60 × 25 mm	109R0612T4H122 109R0612T4H123	Plastic	12	10.2 to 13.8	0.13	1.56	3950	0.55	19.4	41.8	0.168	28	-10 to +60	60000
					0.1	1.2	1950	0.27	9.5	10.3	0.041	15		
80 × 80 × 20 mm	109P0812T6H12	Plastic	12	10.2 to 13.8	0.18	2.16	2900	0.84	29.7	29.4	0.118	31	-10 to +60	60000
					0.1	1.2	1450	0.42	14.8	7.4	0.03	18		
80 × 80 × 20 mm	109P0812T6H122	Plastic	12	10.2 to 13.8	0.18	2.16	3050	0.88	31.0	32.5	0.131	32	-10 to +60	60000
					0.1	1.2	1450	0.42	14.8	7.4	0.03	20		
80 × 80 × 25 mm	109R0812T4H12 109R0812T4H121	Plastic	12	10.2 to 13.8	0.14	1.68	2900	1.03	36.4	35.3	0.142	29	-10 to +60	60000
					0.09	1.08	1450	0.51	18.0	8.8	0.035	14		
80 × 80 × 25 mm	109R0812T4H122 109R0812T4H123	Plastic	12	10.2 to 13.8	0.14	1.68	3000	1.07	37.8	37.7	0.151	29	-10 to +60	60000
					0.09	1.08	1450	0.51	18.0	8.8	0.035	14		

Blower

Size	Model no.	Frame material	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]		Max. static pressure [Pa] [inchH ₂ O]		SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
120 × 32 mm	109BF12HC2	Plastic	12	10.2 to 13.8	0.6	7.2	2400	0.78	27.5	175.4	0.704	52	-20 to +60	40000
120 × 32 mm	109BF12MC2	Plastic	12	10.2 to 13.8	0.32	3.84	1900	0.61	21.5	109.8	0.441	44	-20 to +60	40000
120 × 32 mm	109BF24HC2	Plastic	24	20.4 to 27.6	0.3	7.2	2400	0.78	27.5	175.4	0.704	52	-20 to +60	40000
120 × 32 mm	109BF24MC2	Plastic	24	20.4 to 27.6	0.16	3.84	1900	0.61	21.5	109.8	0.441	44	-20 to +60	40000

• Storage temperature is -30 to +70°C.