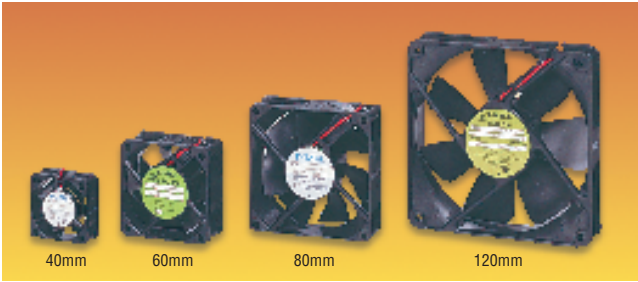


Axial Flow Fans - Low Voltage dc — continued

Standard



- UL94V-0 plastic casing and impeller
- Shielded ball bearings
- Reverse polarity protected
- Auto-restart facility will shut-down the current if a blockage occurs
- Connection by two 300mm lead wires + Red, - Black
- UL, CSA approved

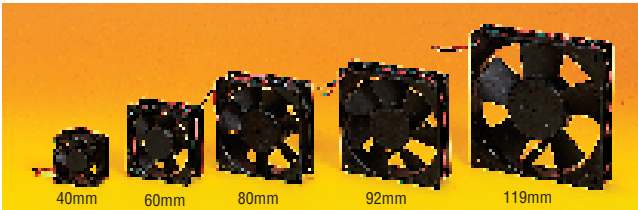
Dimensions H W D	Voltage Vdc	Power Watts	Air Flow cu ft/min ltrs/sec	Noise dBA @ 1m	Mfrs. List No.	Order Code
40 40 15	12	0.8	6.0 2.8	28	1606KL-04W-B30	538-152
60 60 25	12	2.4	23.5 11.1	35	2410NL-04W-B30	538-164
80 80 25	12	3.0	38.8 18.3	32	3110KL-04W-B50	538-176
120 120 25	12	6.84	90.0 42.5	39	4710NL-04W-B50	538-188
120 120 38	12	6.6	108.2 51.1	42.5	4715KL-04(05)WB30	538-190

Fan size	40mm	60mm	80mm	120mm
Cut-out ∅	38	57	77	114.5
Fix centres	32	50	71.5	105
Fix hole ∅	4	4	4	4.3

FM27

Dimensions H W D	Voltage V dc	Order Code	Price Each
40 40 15	12	538-152	1+ 10+ 25+ 50+ 100+
60 60 25	12	538-164	
80 80 25	12	538-176	
120 120 25	12	538-188	
120 120 38	12	538-190	

Standard



- Low cost, low noise, brushless dc fans
- Housing and impeller made from UL94V-0 thermoplastic
- Fitted with ball bearings and 300mm, 22 AWG lead wire
- UL Recognised

Operating temperature -10°C to +70°C Life expectancy >50,000 hours @ 40°Cy

Dimensions	Voltage Vdc	Power Watts	Air Flow cu ft/min ltrs/sec	Noise dBA @ 1m	Order Code
40mm					
40 40 20	12V	1	7.3 3.4	26	926-127
40 40 20	24V	0.96	6.2 2.9	25	926-139
60mm					
60 60 25	12V	1.4	18 8.4	31	926-140
60 60 25	24V	1.9	18 8.4	31	926-152
80mm					
80 80 25	12V	2	35 16.5	32	926-164
80 80 25	24V	3.12	35 16.5	32	926-176
92mm					
92 92 25	12V	2.1	45 21.2	34	926-188
92 92 25	24V	2.9	45 21.2	34	926-190
119mm					
119 119 25	12V	3.6	80 37.7	41	926-206
119 119 25	24V	4.8	80 37.7	42	926-218
119 119 38	12V	6.8	108 50.9	42	926-220
119 119 38	24V	5.5	98 46.2	36	926-231

	40mm	60mm	80mm	92mm	119mm
Height	40	60	80	92	119
Width	40	60	80	92	119
Depth	20	25	25	25	25/38
Cut-out ∅	38	58	77	89	116
Fix centres	32 32	50 50	71.5 71.5	82.5 82.5	104.8 104.8
Fix centres ∅	4.3	4.3	4.3	4.3	4.3

FM30

Size H W D	Voltage Vdc	Order Code	Price Each
40 40 20	12	926-127	1+ 10+ 25+ 50+ 100+
40 40 20	24	926-139	
60 60 25	12	926-140	
60 60 25	24	926-152	
80 80 25	12	926-164	
80 80 25	24	926-176	
92 92 25	12	926-188	
92 92 25	24	926-190	
119 119 25	12	926-206	
119 119 25	24	926-218	
119 119 38	12	926-220	
119 119 38	24	926-231	

Long Life



- Up to 20 years (200,000 hours) continuous operation, 5 times longer life than conventional fans
- Diecast aluminium housing with UL94V-1 plastic impeller
- Oversize ball bearings
- Reverse polarity and locked rotor protection
- Connection by two 300mm, 24Awg leads
- Conforms to EN609-50

Life expectancy > 200,000 hours (120mm), >100,000 hours (80mm, 92mm and 140mm)

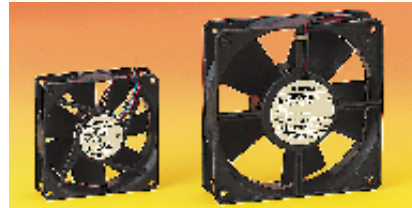
Dimensions H W D	Voltage V dc	Power watts	Airflow Cu.ft./min. ltrs/sec.	Noise dBA @ 1m	Mfrs. List No.	Order Code
80 80 25	12	2.1	37.5 17.73	32	109L0812H402	720-392
80 80 25	24	2.1	37.5 17.73	32	109L0824H402	720-409
92 92 25	12	2.5	48.9 23.0	33	109L0912H402	720-410
92 92 25	24	2.8	48.9 23.0	33	109L0924H402	720-422
120 120 38	12	4.8	106.0 50.0	41	109L1212H102	720-434
120 120 38	24	5.0	106.0 50.0	41	109L1224H102	720-446
120 120 38	48	5.7	106.0 50.0	41	109L1248H102	635-261
140 140 51	12	16.8	209.0 98.5	52	109L1412H502	635-273
140 140 51	24	14.4	209.0 98.5	52	109L142H502	635-285

Fan size	80mm	92mm	120mm	140mm
Cut out ∅	78	89	117	136
Fix centres	71.5	82.5	104.8	142.5
Fix hole ∅	4.3	4.3	4.3	4.3

FM58

Size H W D	Voltage V dc	Order Code	Price Each
80 80 25	12	720-392	1+ 5+ 10+ 20+
80 80 25	24	720-409	
92 92 25	12	720-410	
92 92 25	24	720-422	
120 120 38	12	720-434	
120 120 38	24	720-446	
120 120 38	48	635-261	
140 140 51	12	635-273	
140 140 51	24	635-285	

Humidity Protected



- Improved humidity protection ≤95%
- Designed to meet humidity range according to group C of DIN40040 item 3.3

Limits of relative humidity are: Annual Mean Value ≤95%
 Maximum value a) On 30 days of the year (naturally distributed) 100%
 b) On all other days occasionally (under observation of the annual mean value 100% Dewing is allowed)

Voltage V dc	Range V dc	Power watts	Airflow Cu.ft./min. ltrs/sec.	Noise dBA @ 1m	Bearing Type	Mfrs. List No.	Order Code
12	8 to 15	0.6	19.4 9.1	12	SB	8412NGR	179-711
24	18 to 28	0.7	19.4 9.1	12	SB	8414NGR	179-723
12	6 to 15	5	100 47.2	43	BB	4312R	179-747
24	12 to 28	5	100 47.2	43	BB	4314R	179-759

FM80