

DC Fan Motors

Long Life Fan □ 120mm

SAN ACE 120L G Type

General specifications

Life expectancy 100,000 hours (H,F,M speeds), 80,000 hours (G,E speeds),
indoor environment (survival rate: 90% at 60°C, rated voltage,
and continuously run in a free air state)

Motor protection system ··· Current cut system (with reverse-connection protection)

Dielectric strength ······ 50/60 Hz, 500 VAC, 1 minute
(between lead conductor and frame)

Operating thermally range -10°C to +60°C (non-condensing)

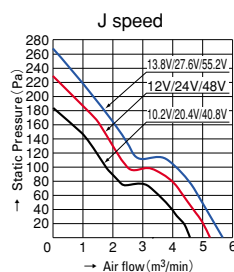
Fan power lead ········ G,E,H,F speeds, ⊕ red, ⊖ black
M speed, ⊕ red, ⊖ blue

38mm thick

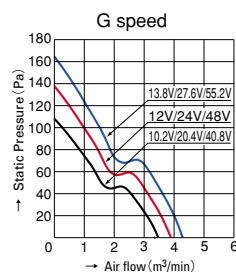
Specifications

Model No	Rated voltage (V)	Operating voltage range (V)	Rated current (A)	Rated input (W)	Rated rotating speed (min ⁻¹)	Air flow (m ³ /min)	Air flow (CFM)	Static pressure (Pa)	Noise (dB[A])	Mass (g)
9GL1212J102	12	10.2~13.8	1.9	22.8	4,800	5.10	180	230	57	370
9GL1212G102			0.98	11.8	3,600	3.88	137	135	49	
9GL1212E102			0.61	7.32	3,100	3.34	118	100	46	
9GL1212H102			0.38	4.56	2,600	2.80	99	70.4	39	
9GL1212F102			0.28	3.36	2,280	2.45	87	54.2	36	
9GL1212M102			0.21	2.52	1,950	2.10	74	39.6	32	
9GL1224J102	24	20.4~27.6	1.0	24.0	4,800	5.10	180	230	57	
9GL1224G102			0.50	12.0	3,600	3.88	137	135	49	
9GL1224E102			0.34	8.16	3,100	3.34	118	100	46	
9GL1224H102			0.22	5.28	2,600	2.80	99	70.4	39	
9GL1224F102			0.16	3.84	2,280	2.45	87	54.2	36	
9GL1224M102			0.11	2.64	1,950	2.10	74	39.6	32	
9GL1248J102	48	40.8~55.2	0.51	24.5	4,800	5.10	180	230	57	
9GL1248G102			0.25	12.0	3,600	3.88	137	135	49	
9GL1248E102			0.17	8.16	3,100	3.34	118	100	46	
9GL1248H102			0.11	5.28	2,600	2.80	99	70.4	39	
9GL1248F102			0.09	4.32	2,280	2.45	87	54.2	36	
9GL1248M102			0.07	3.36	1,950	2.10	74	39.6	32	

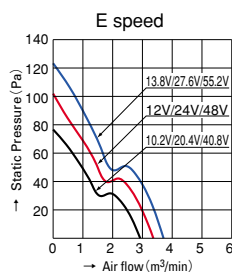
Typical air flow and static pressure characteristics



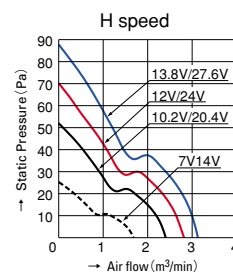
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9GL1224J102
9GL1248J102



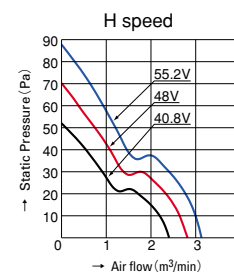
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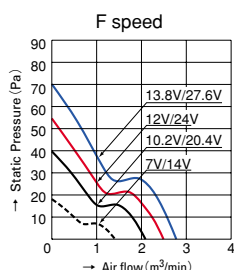
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9GL1248E102



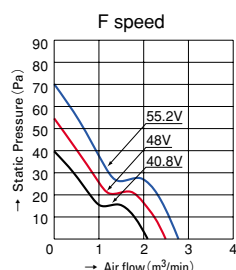
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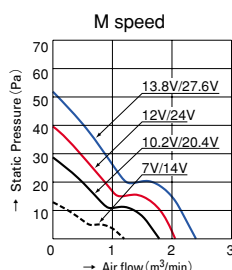
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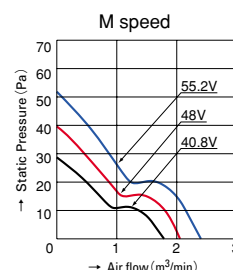
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9GL1224F102



9GL1248F102



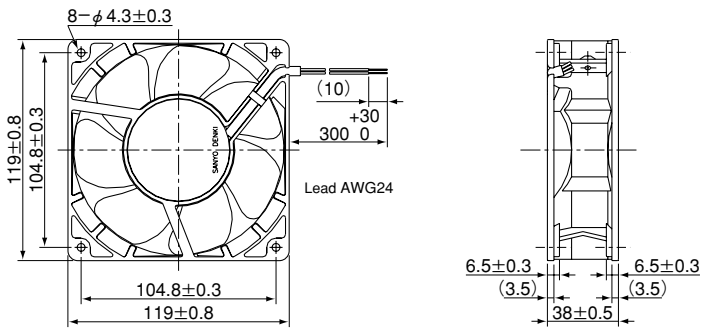
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9GL1248M102



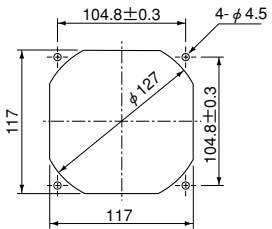
Dimensions (unit : mm)



Long Life Fans

Reference dimensional diagram for installation holes (unit : mm)

Discharge sides • Suction sides



120mm

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