

DC Fan Motors

# SAN ACE 120 G Type

## High wind capacity type

### General specifications

Life expectancy .....40,000 hours, (survival rate: 90% at 60°C, rated voltage)

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, A, H, F speeds, ⊕ red, ⊖ black  
M speeds, ⊕ red, ⊖ blue

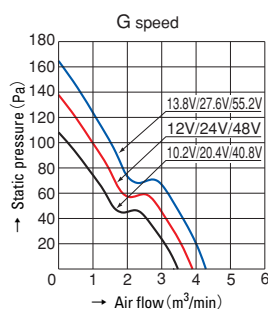


**38**mm thick

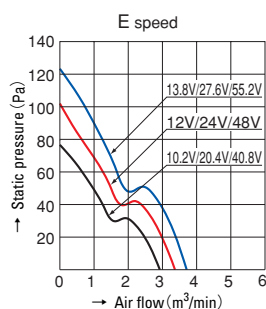
### Specifications

Model No	Rated voltage (V)	Operating voltage range (V)	Rated current (A)	Rated input (W)	Rated rotating speed (min <sup>-1</sup> )	Air flow (m <sup>3</sup> /min) (CFM)	Static pressure (Pa)	Noise (dB[A])	Mass (g)	
9G1212G102	12	10.2~13.8	0.98	11.76	3,600	3.88	137	49	330	
9G1212E102			0.61	7.32	3,100	3.34	118	46		
9G1212H102			0.38	4.56	2,600	2.80	99	70.4		39
9G1212F102			0.28	3.36	2,280	2.45	87	54.2		36
9G1212M102			0.21	2.52	1,950	2.10	74	39.6		
9G1224G102	24	20.4~27.6	0.50	12	3,600	3.88	137	49		
9G1224E102			0.34	8.16	3,100	3.34	118	100		46
9G1224H102			0.22	5.28	2,600	2.80	99	70.4		39
9G1224F102			0.16	3.84	2,280	2.45	87	54.2		36
9G1224M102			0.11	2.64	1,950	2.10	74	39.6		
9G1248G102	48	40.8~55.2	0.25	12	3,600	3.88	137	49		
9G1248E102			0.17	8.16	3,100	3.34	118	100		46
9G1248H102			0.11	5.28	2,600	2.80	99	70.4		39
9G1248F102			0.09	4.32	2,280	2.45	87	54.2		36
9G1248M102			0.07	3.36	1,950	2.10	74	39.6		

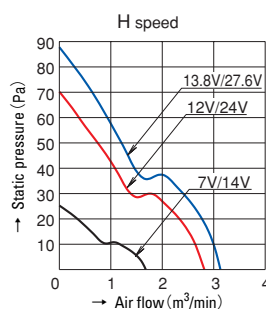
### Typical air flow and static pressure characteristics



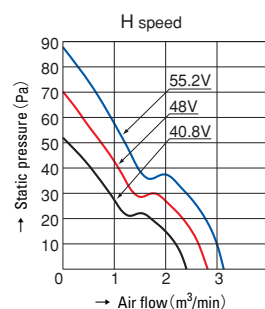
9G1212G102  
9G1224G102  
9G1248G102



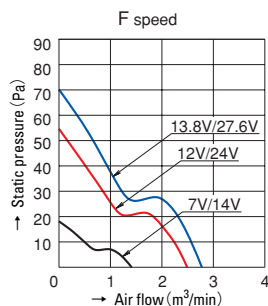
9G1212E102  
9G1224E102  
9G1248E102



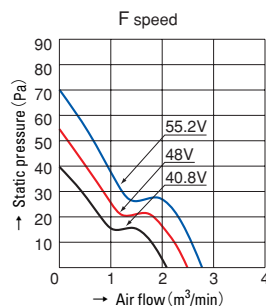
9G1212H102  
9G1224H102



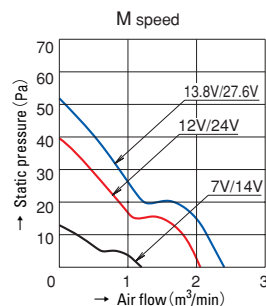
9G1248H102



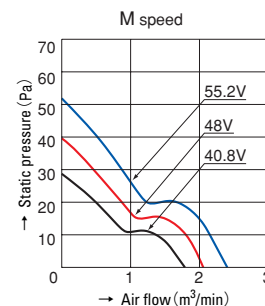
9G1212F102  
9G1224F102



9G1248F102

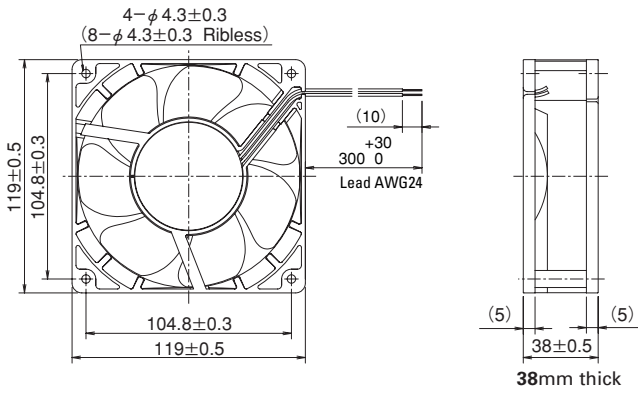


9G1212M102  
9G1224M102

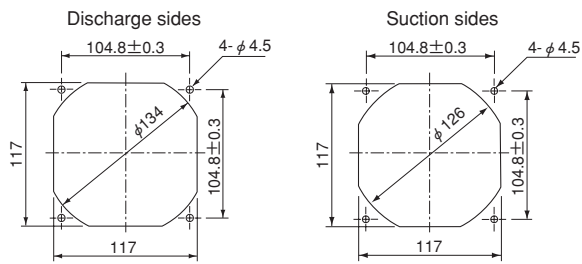


9G1248M102

**Dimensions (unit : mm)**



**Reference dimensional diagram for installation holes (unit : mm)**



120mm

**Notice**

- The products shown in the catalog are subject to Japanese Export Control Law. Diversion contrary to the law of exporting country is prohibited.
- To protect against electrolytic cooling corrosion that may occur in locations of strong electromagnetic noise, we provide fans that are unaffected by electrolytic corrosion. Alternative measures to protect against electrolytic corrosion may include metallic finger guards or other metallic attachments. Please contact us for details.

**SANYO DENKI**