

DC Fan Motors

SAN ACE 92mm

MINI ACE

Silent, universal type

General specifications

Motor protection system ··· PTC protection system (25mm thick)
 Current cut system (32mm thick)
 (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 ·········· H, F speeds and wide range, ⊕ red, ⊖ black
 M speed, ⊕ red, ⊖ blue

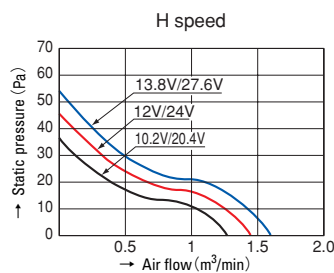
25mm thick

Specifications

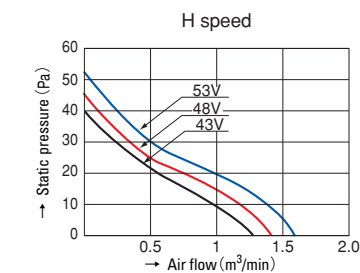
Model No	Rated voltage (V)	Operating voltage range (V)	Rated current (A)	Rated input (W)	Rated rotating speed (min ⁻¹)	Air flow (m ³ /min)	Static pressure (Pa)	Noise (dB[A])	Mass (g)
109P0912H402(4021)	12	10.2~13.8	0.21	2.52	2,850	1.45	45.1	33	150 (140)
109P0912F402(4021)			0.14	1.68	2,450	1.24	43.8	30	
109P0912M402(4021)			0.1	1.2	2,100	1.04	36.7	27	
109P0912L402(4021)			0.07	0.84	1,700	0.8	28.3	23	
109P0912W402(4021)			0.21	2.52	2,850	1.45	51.2	45.1	
109P0924H402(4021)	24	20.4~27.6	0.12	2.88	2,850	1.45	51.2	45.1	
109P0924F402(4021)			0.08	1.92	2,450	1.24	43.8	30	
109P0924M402(4021)			0.06	1.44	2,100	1.04	36.7	27	
109P0924L402(4021)			0.05	1.2	1,700	0.8	28.3	23	
109P0924W402(4021)			0.12	2.88	2,850	1.45	51.2	45.1	
109P0948H402(4021)	48	43~53	0.06	2.88	2,850	1.45	51.2	45.1	33

The numbers in () represent ribless models. W represents wide range.

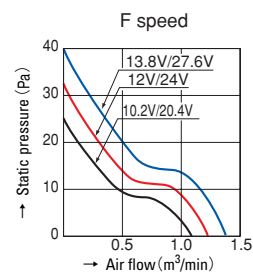
Typical air flow and static pressure characteristics



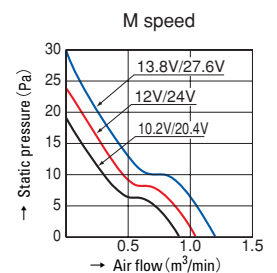
109P0912H402
109P0924H402



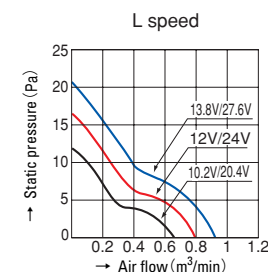
109P0948H402



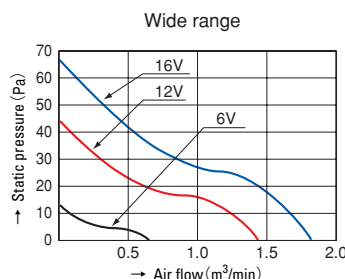
109P0912F402
109P0924F402



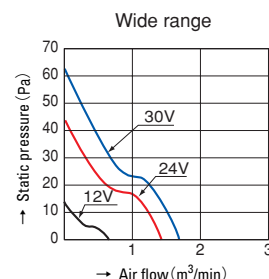
109P0912M402
109P0924M402



109P0912L402
109P0924L402



109P0912W402



109P0924W402



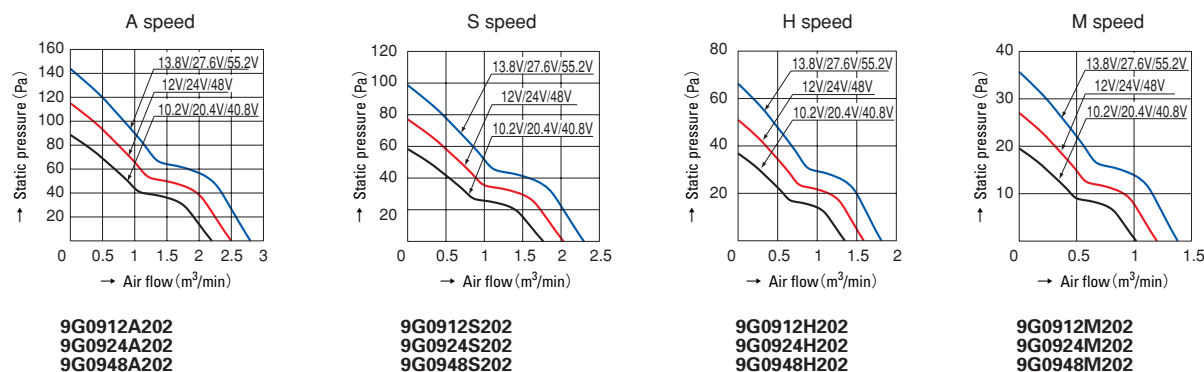
92mm

Specifications

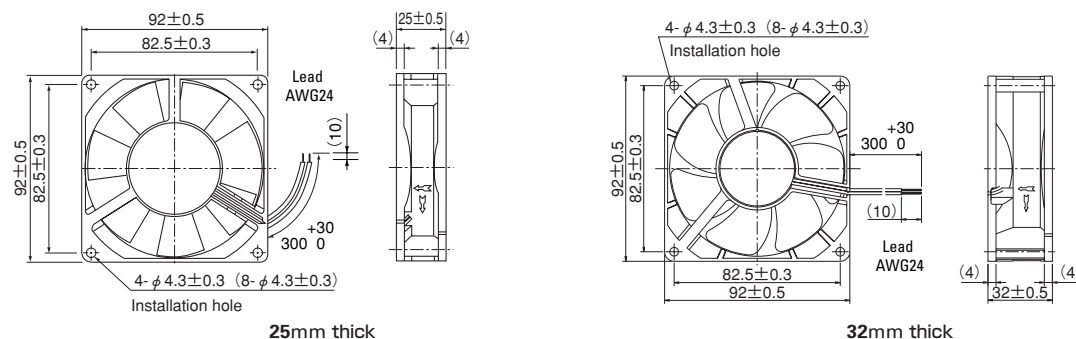
Model No	Rated voltage (V)	Operating voltage range (V)	Rated current (A)	Rated input (W)	Rated rotating speed (min ⁻¹)	Air flow (m ³ /min)	Static pressure (Pa)	Noise (dB[A])	Mass (g)
9G0912A202(2021)	12	10.2~13.8	0.58	6.96	4,300	2.50	88.3	44	170
9G0912S202(2021)			0.38	4.56	3,500	2.00	70.7	38	
9G0912H202(2021)			0.23	2.76	2,850	1.59	56.2	32	
9G0912M202(2021)			0.13	1.56	2,100	1.20	42.4	25	
9G0924A202(2021)	24	20.4~27.6	0.30	7.20	4,300	2.50	88.3	44	
9G0924S202(2021)			0.19	4.56	3,500	2.00	70.7	38	
9G0924H202(2021)			0.12	2.88	2,850	1.59	56.2	32	
9G0924M202(2021)			0.08	1.92	2,100	1.20	42.4	25	
9G0948A202(2021)	48	40.8~55.2	0.16	7.68	4,300	2.50	88.3	44	
9G0948S202(2021)			0.11	5.28	3,500	2.00	70.7	38	
9G0948H202(2021)			0.08	3.84	2,850	1.59	56.2	32	
9G0948M202(2021)			0.05	2.40	2,100	1.20	42.4	25	

The numbers in () represent ribless models.

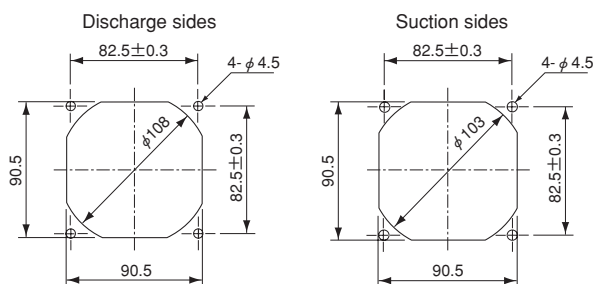
Typical air flow and static pressure characteristics



Dimensions (unit : mm)



Reference dimensional diagram for installation holes (unit : mm)



Notice The products shown in the catalog are subject to Japanese Export Control Law. Diversion contrary to the law of exporting country is prohibited.

SANYO DENKI

1-15-1, Kita-otsuka, Toshima-ku, Tokyo 170-8451, Japan. PHONE : +81 3 3917 5151 Home Page: <http://www.sanyodenki.co.jp>

2003.10 Rev.B