

DC Fan Motors

# Splash Proof Fan   92mm

## SAN ACE 92W



Splash Proof Fans

**General specifications** IP55 (Dust resistant, Machine protected against water jets)

Life expectancy .....100,000 hours, 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)

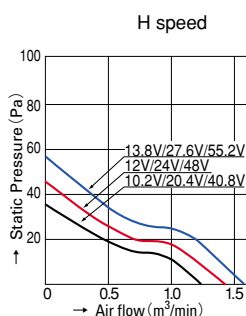
Fan power lead ········H and F speeds, ⊕ red, ⊖ black  
M and L speeds, ⊕ red, ⊖ blue

**25mm thick**

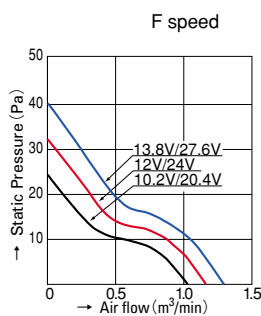
**Specifications**

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)	Air flow (CFM)	Static pressure (Pa)	Noise (dB[A])	Mass (g)
<b>109W0912H402</b>	12	10.2~13.8	0.21	2.52	2,850	1.38	48.7	45.1	33	190
<b>109W0912F402</b>			0.14	1.68	2,450	1.18	41.7	32.3	30	
<b>109W0912M402</b>			0.11	1.32	2,100	1.01	35.7	23.5	27	
<b>109W0912L402</b>			0.08	0.96	1,700	0.80	28.2	16.7	23	
<b>109W0924H402</b>	24	20.4~27.6	0.12	2.88	2,850	1.38	48.7	45.1	33	
<b>109W0924F402</b>			0.08	1.92	2,450	1.18	41.7	32.3	30	
<b>109W0924M402</b>			0.06	1.44	2,100	1.01	35.7	23.5	27	
<b>109W0924L402</b>			0.05	1.2	1,700	0.80	28.2	16.7	23	
<b>109W0948H402</b>	48	40.8~55.2	0.06	2.88	2,850	1.38	48.7	45.1	33	

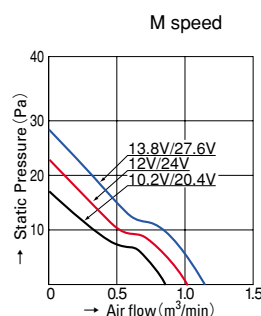
**Typical air flow and static pressure characteristics**



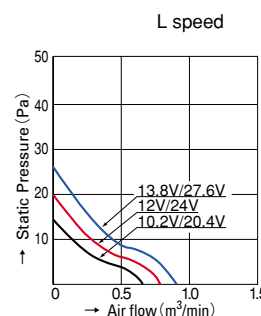
**109W0912H402**  
**109W0924H402**  
**109W0948H402**



**109W0912F402**  
**109W0924F402**



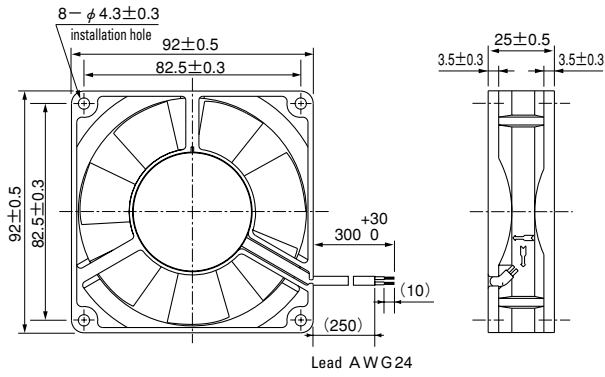
**109W0912M402**  
**109W0924M402**



**109W0912L402**  
**109W0924L402**

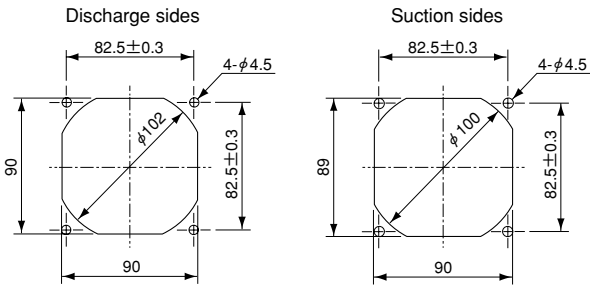
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**Dimensions (unit : mm)**



Splash Proof Fans

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



92mm

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