

San Ace

AC

AC Fan

80mm
San Ace 80

Compact and silent

General specifications

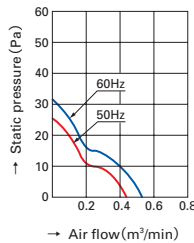
MaterialFrame:Aluminum, Impeller:Plastics
 Life ExpectancyVaries for each model (Survival rate: 90% at 60°C,
 rated voltage,and continuously run in a free air state)
 Motor Construction.....Shaded coil motor
 Motor Protection SystemImpedance protection
 Dielectric Strength50/60 Hz, 1500VAC, 1 minute (between lead conductor and frame)
 Noise Measurement Method ..Measured at 1m from the air inlet
 Operating Temperature RangeVaries for each model (Non-condensing)
 Operating Voltage Range±10%
 Plug cordFor general 489-016(L10,L21)
 For UL/CSA 489-147(L10,L21)
 Mass180g (20mm thick) 270g (25mm thick) 400g (38mm thick)



20mm thick
Specifications

Model No.	Voltage (V)	Frequency (Hz)	Input (W)	Current (A)	Locked Rotor Current (A)	Rated Speed (min ⁻¹)	Air Flow (m ³ /min) (CFM)	Static Pressure (Pa) (inchH ₂ O)	Noise (dB [A])	Operating Temperature Range (°C)	Life Expectancy (h)
109-210	100	50/60	6/5	0.07/0.06	0.07/0.06	2500/3000	0.44/0.53 15.5/18.7	23.5/31.4 0.094/0.126	26/31	-30 ~ +60	25,000
109-213	115			0.06/0.05	0.06/0.05						

Air Flow and Static Pressure Characteristics



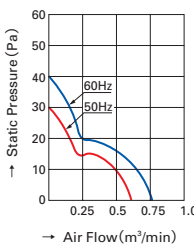
109-210
109-213

25mm thick
Specifications

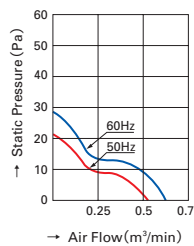
Model No.	Voltage (V)	Frequency (Hz)	Input (W)	Current (A)	Locked Rotor Current (A)	Rated Speed (min ⁻¹)	Air Flow (m ³ /min) (CFM)	Static Pressure (Pa) (inchH ₂ O)	Noise (dB [A])	Operating Temperature Range (°C)	Life Expectancy (h)
109S050	100	50/60	9/7	0.12/0.1	0.13/0.11	2650/3100	0.63/0.76 22.3/26.9	27.5/38.3 0.110/0.154	30/33	-30 ~ +60	25,000
109S053	115			0.1/0.08	0.11/0.09						
109S051	200			0.06/0.05	0.06/0.05						
109S054	230			0.05/0.04	0.05/0.04						
☆109S030	100			2350/2700	0.55/0.63 19.4/22.3	21.6/28.4 0.087/0.114	28/30				
☆109S033	115							0.1/0.08	0.11/0.09		
☆109S031	200							0.06/0.05	0.06/0.05		
☆109S034	230							0.05/0.04	0.05/0.04		

Note: ☆represents half-speed.

Air Flow and Static Pressure Characteristics



109S050
109S053
109S051
109S054



109S030
109S033
109S031
109S034

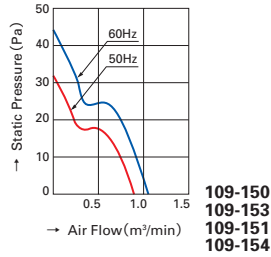
AC Fans

80mm

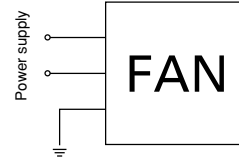
38mm thick Specifications

Model No.	Voltage (V)	Frequency (Hz)	Input (W)	Current (A)	Locked Rotor Current (A)	Rated Speed (min ⁻¹)	Air Flow (m ³ /min) (CFM)	Static Pressure (Pa) (inchH ₂ O)	Noise (dB [A])	Operating Temperature Range (°C)	Life Expectancy (h)
109-150	100	50/60	9/8	0.13/0.11	0.17/0.15	2700/3150	0.9/1.05 31.8/37.1	31.4/44.1 0.126/0.177	35/39	-30 ~ +60	25,000
109-153	115			0.11/0.1	0.14/0.12						
109-151	200			0.07/0.06	0.09/0.08						
109-154	230			0.06/0.05	0.08/0.07						

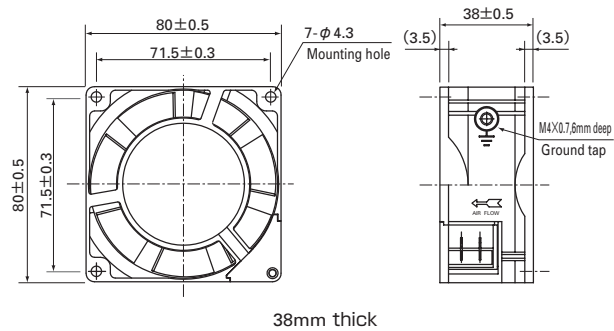
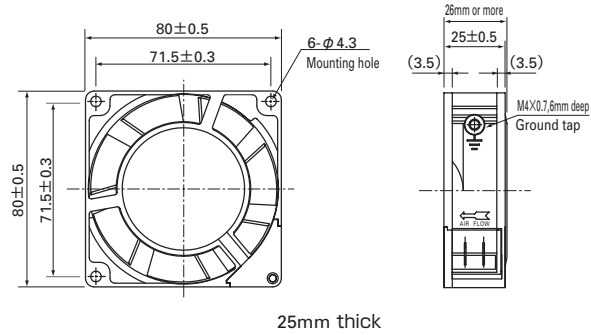
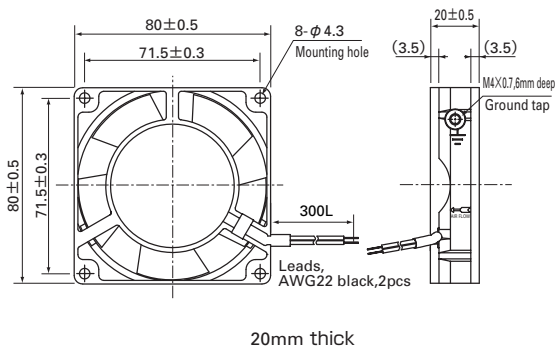
Air Flow and Static Pressure Characteristics



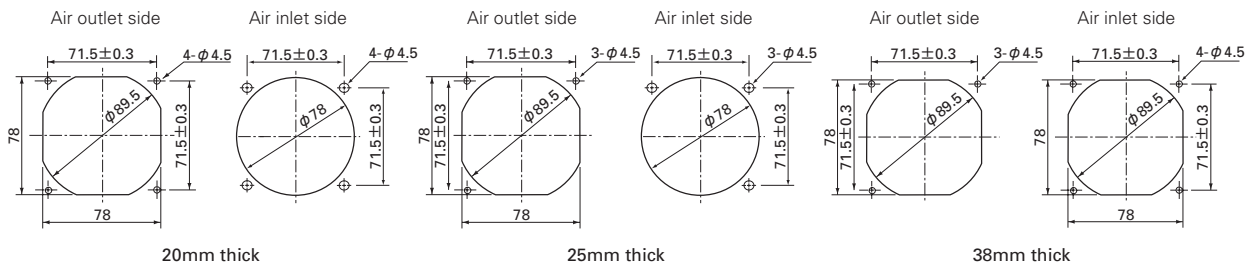
Wiring diagram



Dimensions (unit : mm)



Reference dimension of mounting holes and vent opening (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.
- To protect against electrolytic corrosion that may occur in locations with 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.

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