

.AC .M109AP

120x120x38.5mm / 4.7x1.5inch
105 CFM

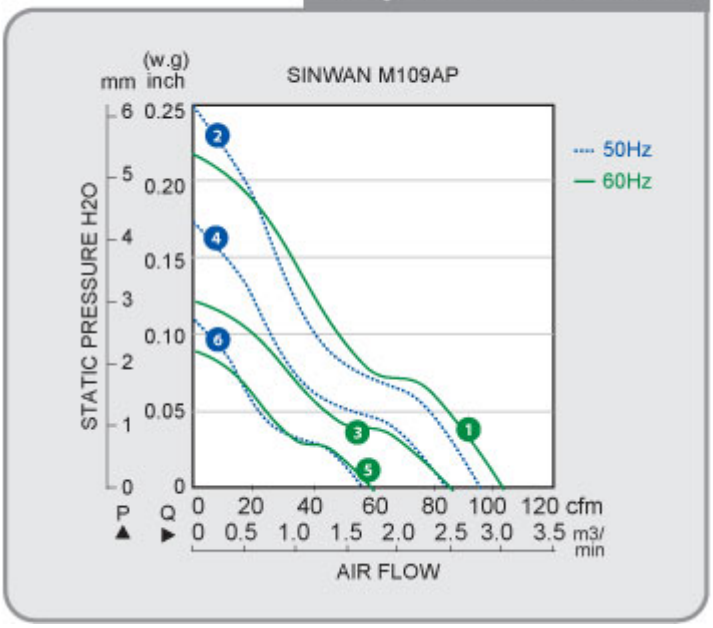
Sinwan AC Metal Impeller

Model No	Rated Volt VAC	Voltage Range VAC	Freq Hz	Input Power Watt	Ref.Speed RPM	Max.Airflow CFM	Max.Airflow m3/min	Max.Static Pressure Inch/H2O	Max.Static Pressure mm	Noise Level db(A)	PQ	UL
M109AP11-1**	100	100~120	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
M109AP11-1**	115	100~120	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
M109AP11-2**	115	100~120	50/60	14/13	2400/2500	82/85	2.3/2.4	0.17/0.12	4.32/3.05	43	4/3	☑
M109AP11-3**	115	100~120	50/60	12/9	2100/1300	71/44	2/1.2	0.11/0.09	2.79/2.29	32	6/5	☑
M109AP11-1/2 **	115	100~120	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
dual speed				14/13	2400/2500	82/85	2.3/2.4	0.17/0.12	4.32/3.05	43	4/3	
M109AP11-1/2/3 **	115	100~120	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
triple speed				14/13	2400/2500	82/85	2.3/2.4	0.17/0.12	4.32/3.05	43	4/3	
				12/9	2100/1300	58/60	1.6/1.7	0.11/0.09	2.79/2.29	32	6/5	
M109AP22-1**	200	200~240	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
M109AP22-1**	230	200~240	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
M109AP22-2**	230	200~240	50/60	14/13	2400/2500	82/85	2.3/2.4	0.17/0.12	4.32/3.05	43	4/3	☑
M109AP22-3**	230	200~240	50/60	12/9	2100/1300	71/44	2/1.2	0.11/0.09	2.79/2.29	32	6/5	☑
M109AP22-1**	240	200~240	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
M109AP22-1/2**	230	200~240	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
dual speed				14/13	2400/2500	82/85	2.3/2.4	0.17/0.12	4.32/3.05	43	4/3	
M109AP22-1/2/3**	230	200~240	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
triple speed				14/13	2400/2500	82/85	2.3/2.4	0.17/0.12	4.32/3.05	43	4/3	
				12/9	2100/1300	58/60	1.6/1.7	0.11/0.09	2.79/2.29	32	6/5	
M109AP11/22-1**	115	100~120	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
dual voltage	230	200~240										
M109AP2-1**	12	12~14	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
M109AP4-1**	24	24~28	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
M109AP6-1**	28	28~34	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
M109AP8-1**	48	48~58	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
M109AP38-1**	380	380~420	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑
M109AP44-1**	440	440~480	50/60	21/20	2650/3100	90/105	2.5/3	0.25/0.22	6.35/5.59	48	2/1	☑

- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal type Ball bearing
- 100, 200, 240V or special voltages 12, 24, 28, 38, 42, 48, 380~440~480... 50/60Hz, & dual voltage version available on request.
- Dual speed High/Medium 1/2, High/Low 1/3, Medium/Low 2/3, Low/extra Low 3/4 or triple speed 1/2/3 available on request.
- Sinwan reserves the right to change data and improve electrical or mechanical design without notice, data tolerance +-10%

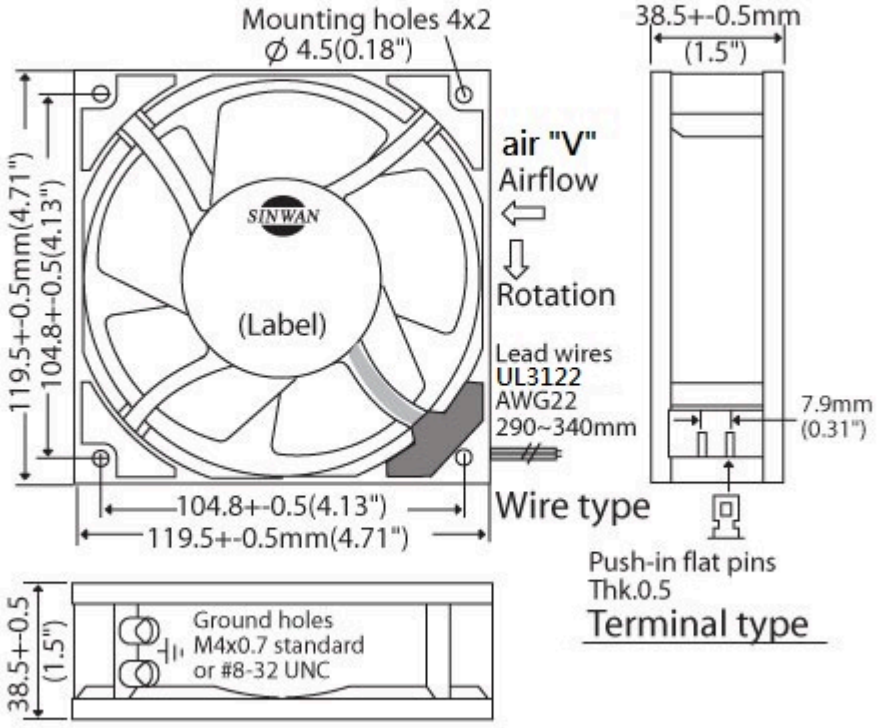
Motor	
Motor Type:	Shaded pole induction, outer rotor
Burnout Protection:	Impedance protected
IP Protection:	IP55
Mechanical	
Frame:	Aluminum die cast, AP(black)
Impeller:	All metal
Bearing:	Two ball bearings.
Rotation:	CCW seen on rotor, air direction V, exhaust over struts
Connection:	Lead wires or Terminals
Weight:	580g (1.27 Lbs)
Electronical	
Dielectric Strength:	1,500VAC/min, 0.5mA, 50/60 Hz
Insulation Resistance:	Over 100MΩ at DC 500V
Signal Output:	Option : FG...
Environment	
Operating Temp:	-30C~+80C
Storage Temp:	-40C~+100C (at 65%RH)
Life Expectancy:	L10 50K hours at 55℃

Performance P-Q Curves



Nomenclature | F/G Tach | R/D Alarm | Dual Voltage | Multiple Speed | IP Report

Outline Dimensions



Related Products



Metal Fan Guard

G109-17

G109-15B

G109-15A



Plastic Fan Guard

G120P4

G120P2

G120P



Plastic Filter

GRM120-45

GRM120-30



Metal Screen

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