

.AC .M150AP (MS)

172x151x38.8mm / 6.8x1.5inch
240~110 CFM

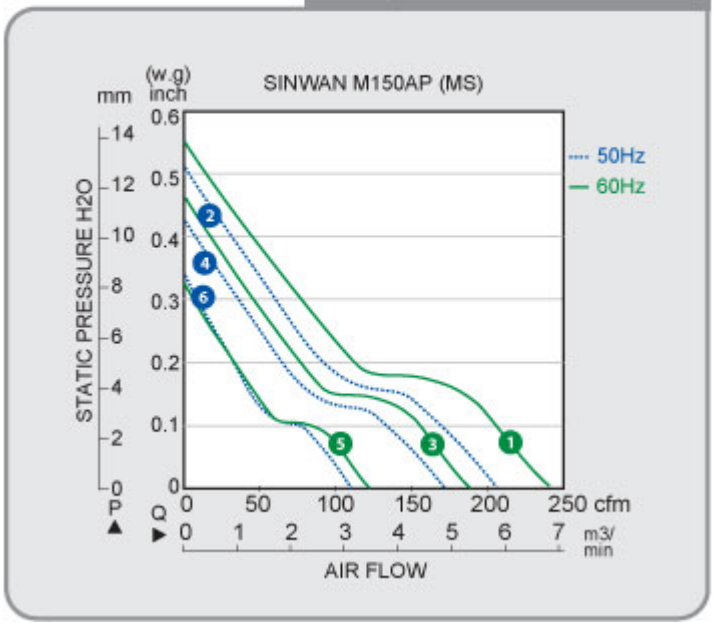
Sinwan AC Metal Impeller,capacitor motor

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
M150AP-11-1**(MS)	115	100~120	50/60	28/32	2700/3100	205/240	5.8/6.8	0.51/0.54	12.95/13.72	58	2/1	☑
M150AP-11-2**(MS)	115	100~120	50/60	22/25	2300/2400	170/180	4.8/5.1	0.43/0.47	10.92/11.94	43	4/3	☑
M150AP-11-3**(MS)	115	100~120	50/60	16/20	1500/1600	110/120	3.1/3.4	0.34/0.33	8.64/8.38	32	6/5	☑
M150AP-11-1/2/3**(MS)	115	100~120	50/60	28/32	2700/3100	205/240	5.8/6.8	0.51/0.54	12.95/13.72	58	2/1	☑
triple speed				22/25	2450/2500	185/195	5.2/5.5	0.46/0.44	11.68/11.18	44	4/3	
				16/20	2150/1950	165/150	4.7/4.2	0.41/0.34	10.41/8.64	39	6/5	
M150AP-22-1**(MS)	230	200~240	50/60	28/32	2700/3100	205/240	5.8/6.8	0.51/0.54	12.95/13.72	58	2/1	☑
M150AP-22-2**(MS)	230	200~240	50/60	22/25	2300/2200	170/163	4.8/4.6	0.43/0.42	10.92/10.67	43	4/3	☑
M150AP-22-3**(MS)	230	200~240	50/60	16/20	1800/1600	135/120	3.8/3.4	0.36/0.33	9.14/8.38	32	6/5	☑
M150AP-11/22-1**(MS)	115	100~120	50/60	28/32	2700/3100	205/240	5.8/6.8	0.51/0.54	12.95/13.72	58	2/1	☑
dual voltage	230	200~240										

- ** = "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%

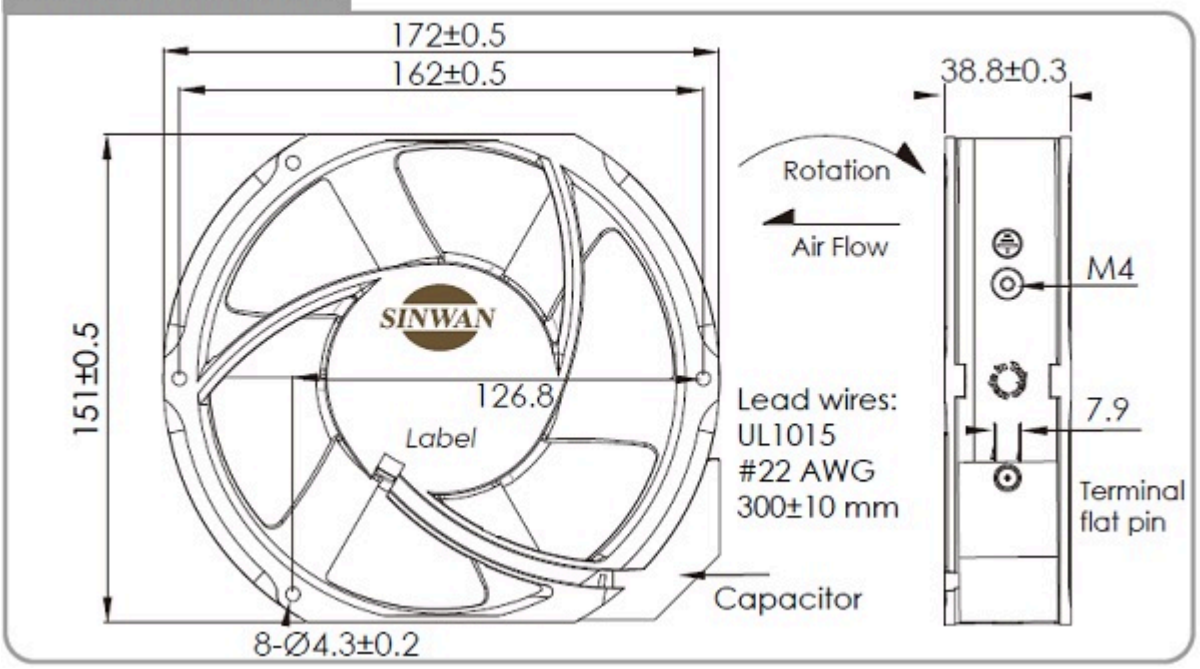
Motor	
Motor Type:	Capacitor induction, outer rotor
Burnout Protection:	Thermally protected
IP Protection:	IP54
Mechanical	
Frame:	Die Cast Aluminum, AP(black)
Impeller:	All metal blades
Bearing:	Two ball bearings.
Rotation:	CCW seen on rotor
Connection:	Wire lead or Terminals
Weight:	820g (1.8 Lbs)
Electronical	
Dielectric Strength:	1,500VAC/min, 50/60Hz
Insulation Resistance:	Over 100MΩ at DC 500V
Signal Output:	Option : FG, RD...
Environment	
Operating Temp:	-20C~+70C
Storage Temp:	-40C~+80C (at 65%RH)
Life Expectancy:	L10 70K hours at 25℃

Performance P-Q Curves



Nomenclature | Dual Voltage | Multiple Speed

Outline Dimensions



Related Products



Metal Fan Guard

G172-10H



Plastic Fan Guard

G172P



Plastic Filter

GRM172-30



Metal Screen

MF172S-30N

Sinwan Electric Industries Co., Ltd. Email: sinwanfan@sinwan.com.tw TEL: +886-2-2662-0728 FAX: +886-2-2662-7019