



.AC .M150AP (MS)



172x151x38.8mm / 6.8x1.5inch

240~110 CFM

Sinwan AC Metal Impeller,capacitor motor

	Rated Volt	Voltage Range	Freq	Input Power Watt	Ref.Speed RPM	Max.Airflow		Max.Static Pressure		Noise Level db(A)	PQ	UL
Model No	VAC	VAC	Hz	Watt	RPM	CFM	m3/min	Inch/H2O	mm	db(A)		
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) triple speed	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	✓
				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) dual voltage	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	✓
	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)

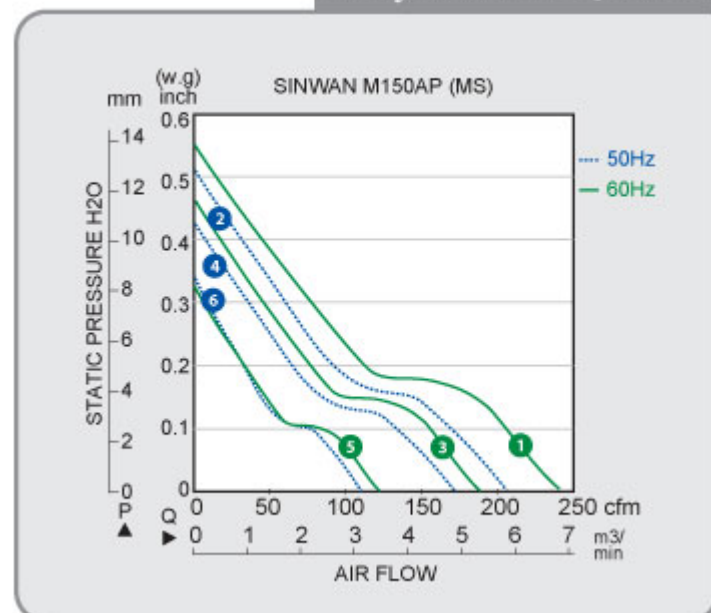
Electronical

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°C

► Performance P-Q Curves



Nomenclature

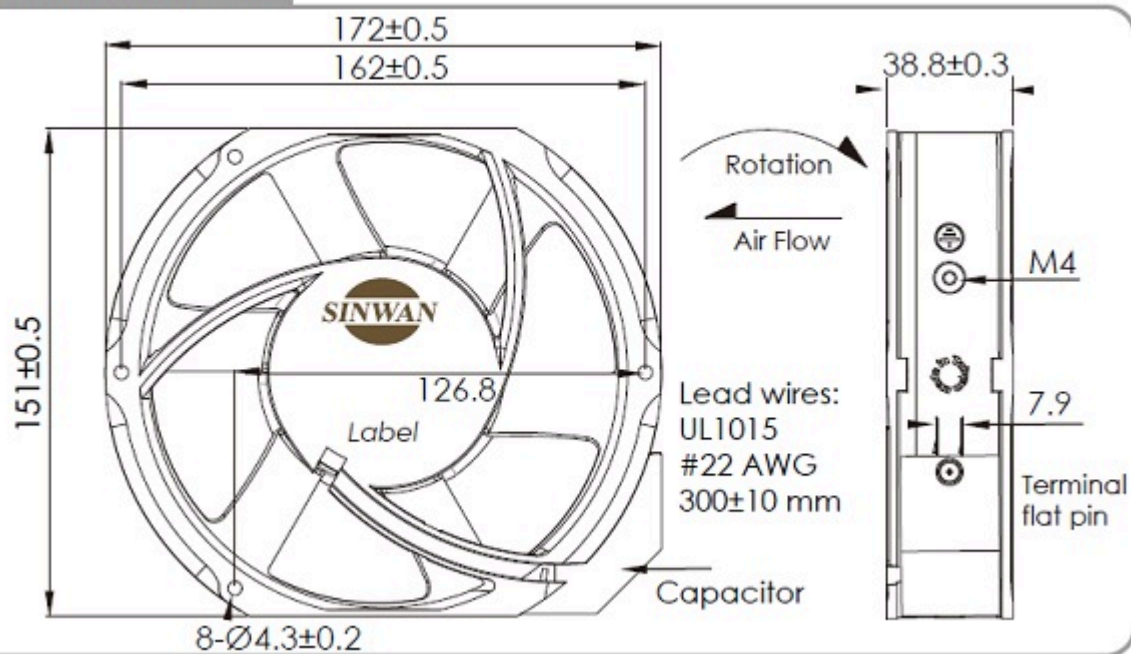


Dual Voltage



Multiple Speed

► Outline Dimensions



Related Products



Metal Fan Guard

G172-10H



Plastic Fan Guard

G172P



Plastic Filter

GRM172-30



Metal Screen

MF172S-30N

