

Print page



·DC· MD254AP(7)



Dia.254x88.9mm / 10x3.5inch
1030~680 CFM

Metal Impeller DC Fan, High Performance

Model No	Rated Volt VDC	Voltage Range VDC	Input Power Watt	Rated Current Amp	Ref. Speed RPM	Max.Airflow CFM	m3/min	Max.Static Pressure Inch/H2O	mm	Noise Level db(A)	PQ Curves	UL
MD254AP-12SH**7	12	10~13.2	64.8(~78)	5.4(~6.5)	2800	890	25.2	1.1	27.94	70	1	✓
MD254AP-12HH**7	12	10~13.8	50.4	4.2	2500	830	23.5	1.08	27.43	65	2	✓
MD254AP-12H**7	12	10~13.8	22.8	1.9	2000	680	19.3	0.88	22.35	58	3	✓
MD254AP-24SH**7	24	18~26	63.6(~86.4)	2.65(~3.6)	3300	1030	29.2	1.43	36.32	73	1	✓
MD254AP-24HH**7	24	18~26.4	50.4	2.1	2500	830	23.5	1.08	27.43	65	2	✓
MD254AP-24H**7	24	18~27.6	36	1.5	2000	680	19.3	0.88	22.35	58	3	✓
MD254AP-48SH**7	48	24~53	62.4(~86.4)	1.3(~1.8)	3300	1030	29.2	1.43	36.32	73	1	✓
MD254AP-48HH**7	48	24~55	62.4	1.3	2500	830	23.5	1.08	27.43	65	2	✓
MD254AP-48H**7	48	24~58	48	1	2000	680	19.3	0.88	22.35	58	3	✓

- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal type Ball bearing
- Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

Motor

Motor Type: Microprocessor brushless DC Motor, auto cutoff, auto restart
Burnout Protection: Electronically protected, polarity protected
IP Protection: IP55,56 optional request

Mechanical

Frame: Aluminum die cast, black color(AP)
Impeller: 7 blades, all metal
Bearing: Two ball bearings
Rotation: CCW seen on rotor
Connection: Wire lead or terminal flat pin connecting
Weight: 2,300g (5.07Lbs)

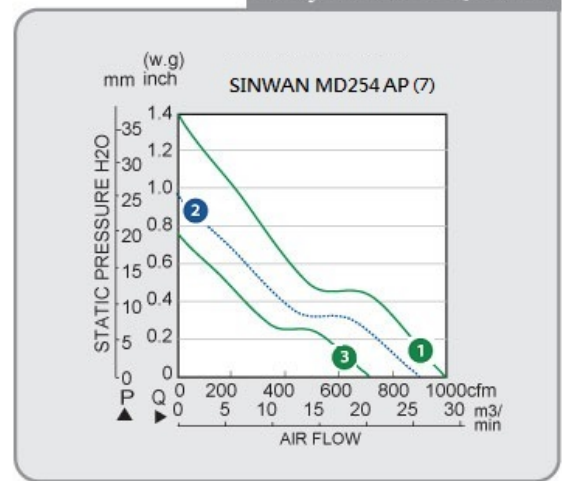
Electronical

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA
Speed Control: Optional: PWM, S/C NTC thermister, S/V (0~10V) speed control
Signal Output: Optional: RD alarm output, FG tachometer output

Environment

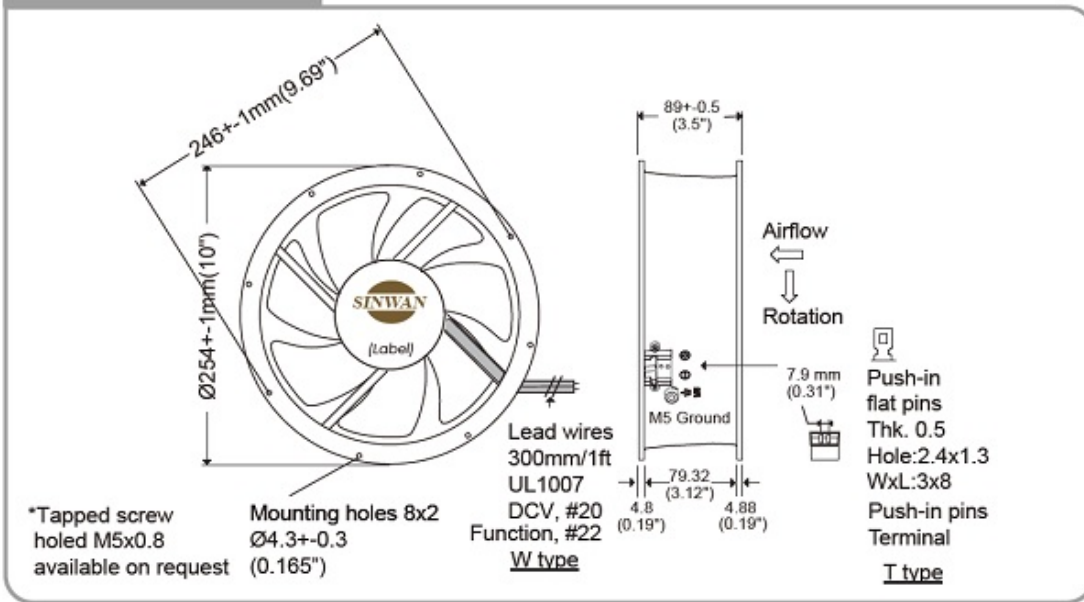
Operating Temp: -20C~+65C
Storage Temp: -20C~+75C (at 65%RH)
Life Expectancy: L10 50K hours at 50C

▶ Performance P-Q Curves



- Nomenclature
- R/D Alarm
- F/G Tach
- S/C Function
- PWM Function

► Outline Dimensions



Relevant products



Metal Fan Guard
G254-9D, G254-9DU

