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·DC· MD254AP



**Dia.254x88.9mm / 10x3.5inch**  
**820~330 CFM**

Metal Impeller DC Fan

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**3	12	9~13	64.8	5.4	2900	800 22.7	0.57 14.48	66	SH	<input checked="" type="checkbox"/>
MD254AP-12HH**3	12	9~13	50.4	4.2	2500	685 19.4	0.48 12.19	62	HH	<input checked="" type="checkbox"/>
MD254AP-12H**3	12	9~13	23	1.9	2000	550 15.6	0.38 9.65	55	H	<input checked="" type="checkbox"/>
MD254AP-12M**3	12	9~14	13.2	1.1	1600	450 12.7	0.33 8.38	45	M	<input checked="" type="checkbox"/>
MD254AP-12L**3	12	10~16	5.5	0.45	1100	330 9.3	0.25 6.35	36	L	<input checked="" type="checkbox"/>
MD254AP-24SH**3	24	16~27	63.6	2.65	3000	820 23.2	0.59 14.99	66	SH	<input checked="" type="checkbox"/>
MD254AP-24HH**3	24	16~27	50.4	2.1	2500	685 19.4	0.48 12.19	62	HH	<input checked="" type="checkbox"/>
MD254AP-24H**3	24	16~27	36	1.5	2000	550 15.6	0.38 9.65	55	H	<input checked="" type="checkbox"/>
MD254AP-24M**3	24	16~27.6	28.8	1.2	1600	450 12.7	0.33 8.38	45	M	<input checked="" type="checkbox"/>
MD254AP-24L**3	24	18~30	16.8	0.7	1100	330 9.3	0.25 6.35	36	L	<input checked="" type="checkbox"/>
MD254AP-48SH**3	48	24~53	62.4	1.3	3000	820 23.2	0.59 14.99	66	SH	<input checked="" type="checkbox"/>
MD254AP-48HH**3	48	24~53	62.4	1.3	2500	685 19.4	0.48 12.19	62	HH	<input checked="" type="checkbox"/>
MD254AP-48H**3	48	24~53	48	1.0	2000	550 15.6	0.48 12.19	62	H	<input checked="" type="checkbox"/>
MD254AP-48M**3	48	28~58	33.6	0.7	1600	450 12.7	0.33 8.38	45	M	<input checked="" type="checkbox"/>
MD254AP-48L**3	48	28~63	5.8	0.12	1100	330 9.3	0.25 6.35	36	L	<input checked="" type="checkbox"/>

- \*\* = "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: 3 blades, all metal  
Bearing: Two ball bearings  
Rotation: CCW seen on rotor  
Connection: Wire lead or terminal flat pin connecting  
Weight: 2000g

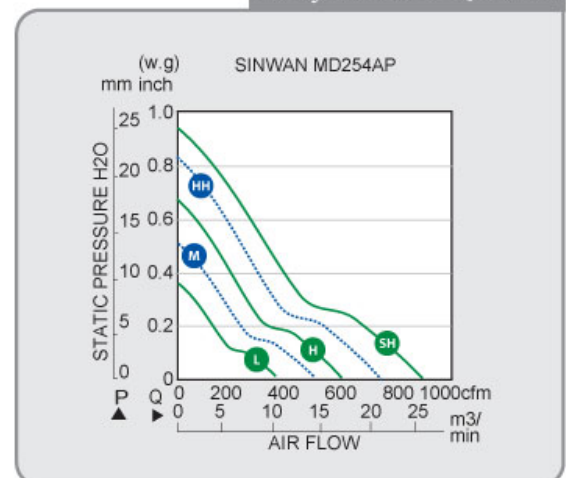
**Electronical**

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA  
Speed Control: Optional:PWM, S/C NTC thermister  
Signal Output: Optional:R/D alarm output, tachometer output

**Environment**

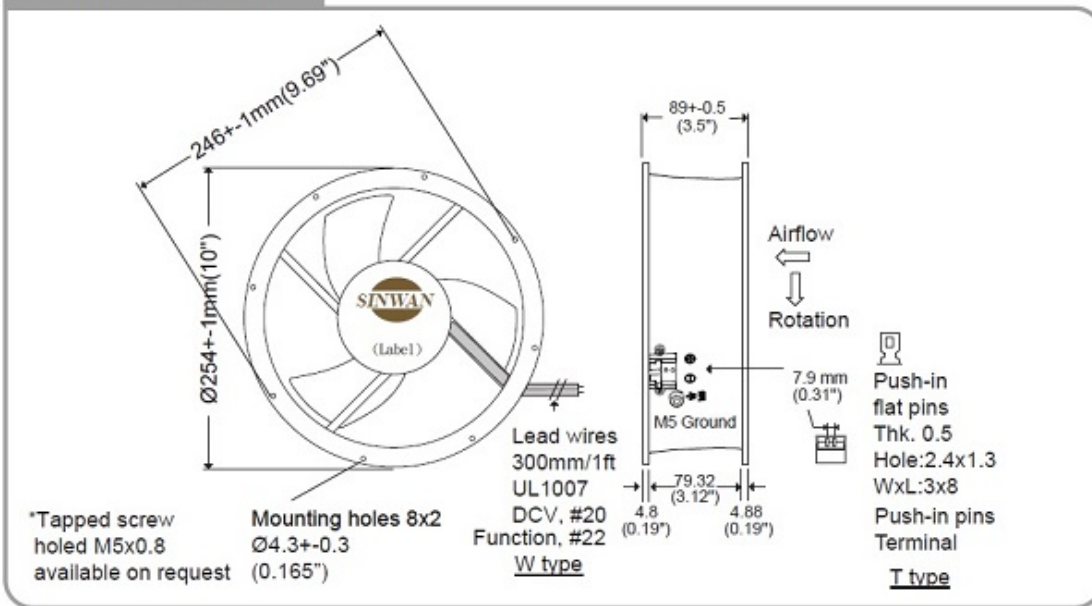
Operating Temp: -20C~+65C  
Storage Temp: -20C~+75C (at 65%RH)  
Life Expectancy: L10 50K hours at 50C

► 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



RoHS