

Print page



·DC· SD172SAP



172x150x51mm / 6.7x2inch
472~330 CFM

Plastic Impeller

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
SD172SAP-24SH	24	14~26.4	78	3.25	5500	400	11.3	1.52	38.61	69	3	<input checked="" type="checkbox"/>
SD172SAP-24HHH	24	14~26.4	43.2	1.8	4500	330	9.3	1.11	28.19	64	4	<input checked="" type="checkbox"/>
SD172SAP-48SHH	48	28~56	124.8	2.6	6500	472	13.4	2.12	53.85	73	1	<input checked="" type="checkbox"/>
SD172SAP-48SH	48	28~56	96	2	6000	436	12.3	1.8	45.72	71	2	<input checked="" type="checkbox"/>
SD172SAP-48HHH	48	28~56	69.6	1.45	5500	400	11.3	1.52	38.61	69	3	<input checked="" type="checkbox"/>
SD172SAP-48HH	48	28~56	40.8	0.85	4500	330	9.3	1.11	28.19	64	4	<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: DC Motor
Burnout Protection: Electronically protected, Polarity protected
IP Protection: IP55, IP68 (Optional)

Mechanical

Frame: Aluminum die cast, black color
Impeller: 5 blades, glass fiber reinforced plastic, rated UL94V-0
Bearing: Two ball bearings
Rotation: CCW seen on rotor
Connection: Wire lead or terminal flat pin connecting
Weight: 610g

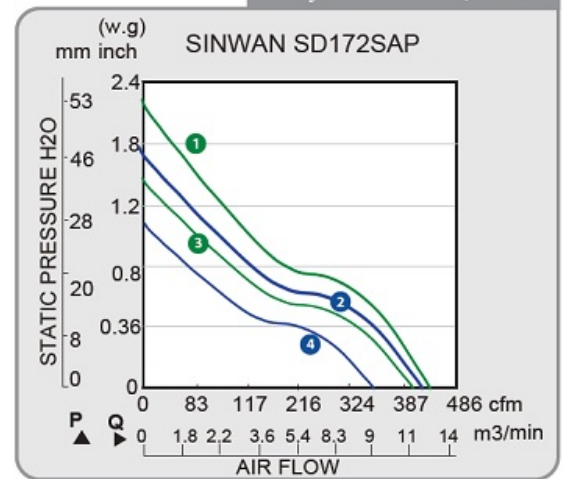
Electronical

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA
Speed Control: Optional: PWM, S/C NTC thermister
Signal Output: Optional: RD Rotation Detactor, FG Frequency Generator

Environment

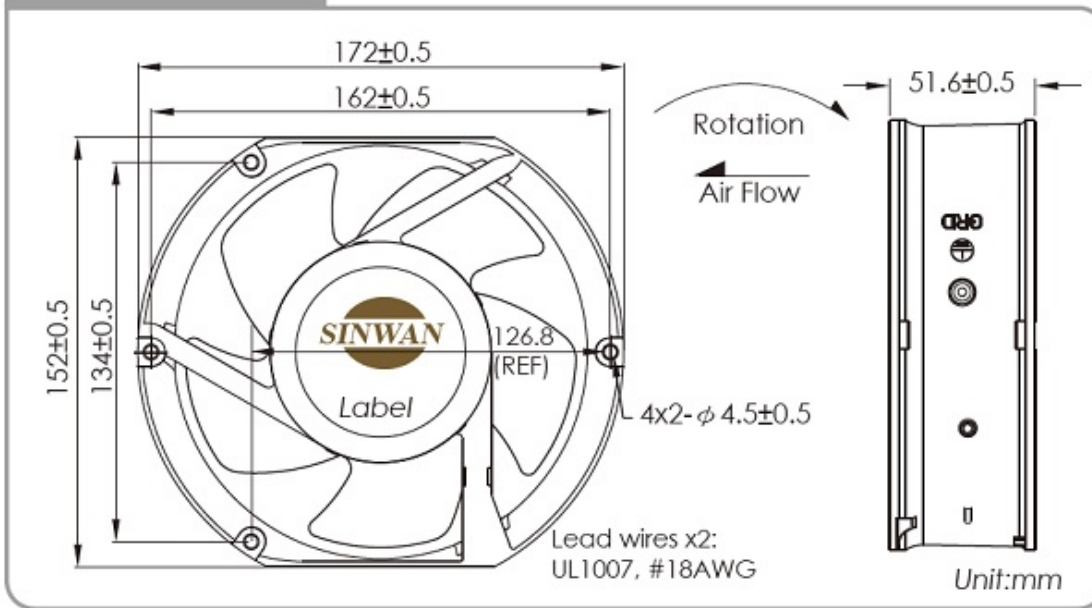
Operating Temp: -20C~+65C
Storage Temp: -20C~+75C (at 65%RH)
Life Expectancy: L10 70K hours at 40C

Performance P-Q Curves



 Nomenclature
 R/D Alarm
 FIG Tach
 S/C Function
 PWM Function

▶ Outline Dimensions



Relevant products



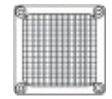
Metal Fan Guard
G172-10H, G172-10HA



Plastic Fan Guard
G172P



Plastic Fan Filter
GRM172-30, GRM172-45



Metal Fan Screen
MF172S-30N



RoHS