



·DC· SD172SAP (68)



172x150x51mm / 6.7x2inch Sinwan DC Fan, 472 CFM

SINWAN IP68/IP69K DC 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 (68)	24	14~26.4	78	3.25	5500	400 11.3	1.52 38.61	69	3	✓
SD172SAP-24HHH (68)	24	14~26.4	43.2	1.8	4500	330 9.3	1.11 28.19	64	4	✓
SD172SAP-48SHH (68)	48	28~56	124.8	2.6	6500	472 13.4	2.12 53.85	73	1	✓
SD172SAP-48SH (68)	48	28~56	96	2	6000	436 12.3	1.8 45.72	71	2	✓
SD172SAP-48HHH (68)	48	28~56	69.6	1.45	5500	400 11.3	1.52 38.61	69	3	✓
SD172SAP-48HH (68)	48	28~56	40.8	0.85	4500	330 9.3	1.11 28.19	64	4	✓

- ** = "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: IP68 or IP69K optional on request

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 5mA

Speed Control: Optional: PWM, S/C NTC thermister

Signal Output: Optional: RD alarm output, FG tachometer output

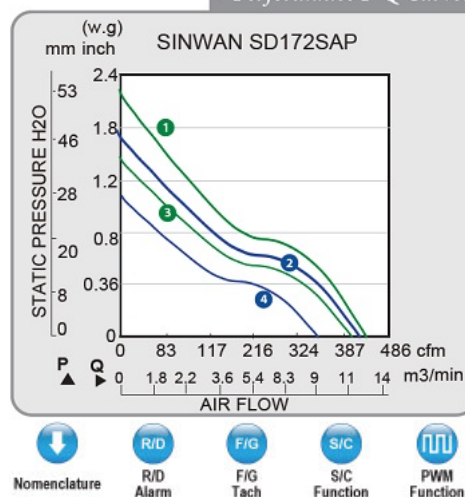
Environment

Operating Temp: -20C~+65C

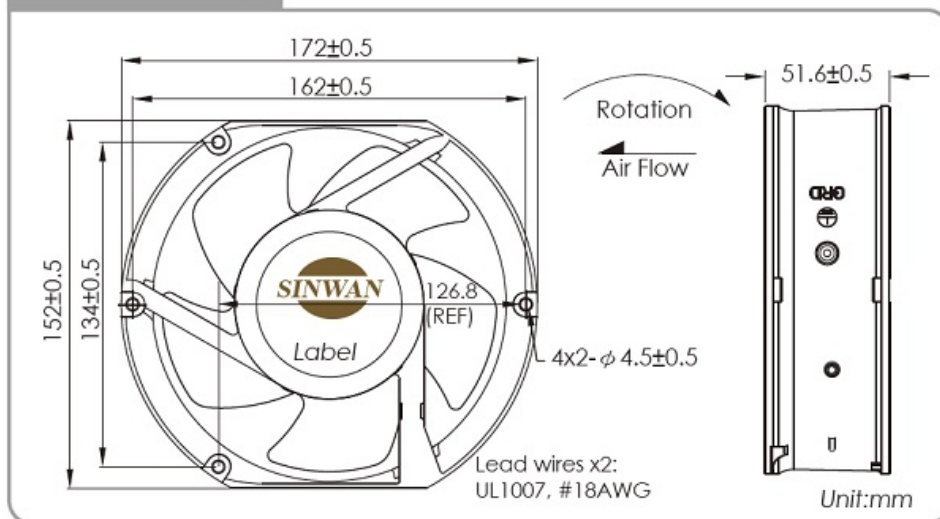
Storage Temp: -20C~+75C (at 65%RH)

Life Expectancy: L10 70K hours at 40C

► Performance P-Q Curves



► 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