



·DC· SD175SAP (HR)(MS)



172x151x51.6mm/6.7x2inch
378~187 CFM

Heat-Resistant 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
SD175SAP-12H**	12	8~13.8	23	1.9	4000	291 8.2	0.91 23.11	61.5	H
SD175SAP-12M**	12	8~13.8	13.2	1.1	3500	263 7.4	0.82 20.83	57	M
SD175SAP-12L**	12	8~13.8	5.5	0.45	2500	187 5.3	0.35 8.89	52	L
SD175SAP-24SH**	24	15~27	63.6	2.65	5200	378 10.7	1.36 34.54	68	SH
SD175SAP-24HH**	24	15~27	50.4	2.1	4400	323 9.1	1.06 26.92	63.5	HH
SD175SAP-24H**	24	15~27.6	24 (~31.2)	0.97 (~1.3)	4000	291 8.2	0.91 23.11	61.5	H
SD175SAP-24M**	24	17~27.6	13 (~19.2)	0.52 (~0.8)	3500	263 7.4	0.82 20.83	57	M
SD175SAP-24L**	24	17~28	5	0.20	2500	187 5.3	0.35 8.89	52	L
SD175SAP-48SH**	48	22~53	62.4	1.3	5200	378 10.7	1.36 34.54	68	SH
SD175SAP-48HH**	48	22~53	49.4	1.03	4400	323 9.1	1.06 26.92	63.5	HH
SD175SAP-48H**	48	22~56	23.5	0.48	4000	291 8.2	0.91 23.11	61.5	H
SD175SAP-48M**	48	24~58	14.5	0.30	3500	263 7.4	0.82 20.83	57	M
SD175SAP-48L**	48	24~63	5.8	0.12	2500	187 5.3	0.35 8.89	52	L

- ** = "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: IP55,56,68 optional 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 (1.3Lbs)

Electrical

Dielectric Strength: 500 VAC/min. Max leakage 500mA

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

Signal Output: Optional: RD Rotation Detactor, FG Frequency Generator

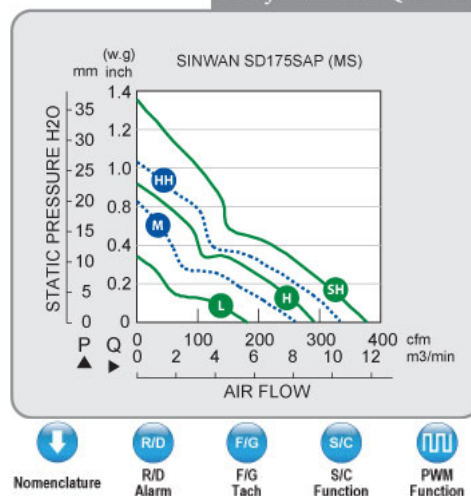
Environment

Operating Temp: -10C~+100C

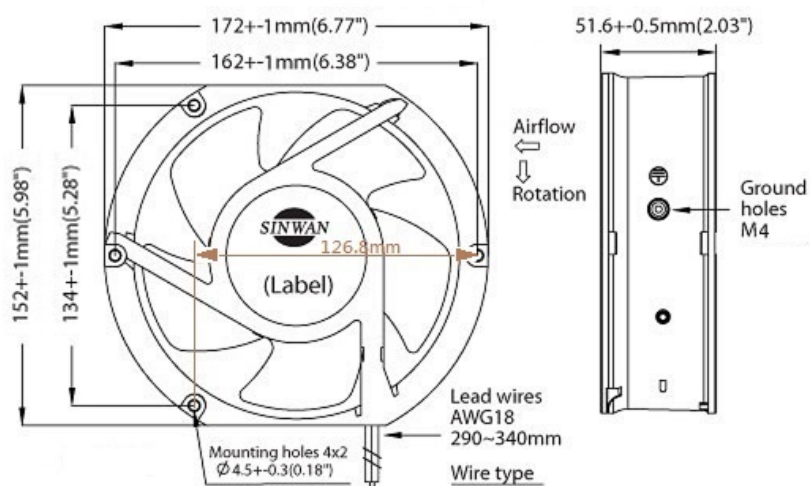
Storage Temp: -40C~+75C (at 65%RH)

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

