



172x150x38.5mm / 6x1.5inch

255~120 CFM

Model No	Rated Volt	Voltage Range	Input Power	Rated Current	Ref. Speed	Max. Airflow		Max. Static Pressure		Noise Level	PQ Curves
	VDC	VDC	Watt	A	RPM	CFM	m3/min	Inch/H2O	mm	db(A)	
SD173AP-12SH**	12	7~13.8	64.8	5.4	4400	250	7.1	0.79	20.07	59	SH
SD173AP-12HH**	12	7~13.8	50.4	4.2	4200	235	6.7	0.74	18.8	56	HH
SD173AP-12H**	12	7~13.8	23	1.9	3950	220	6.2	0.71	18.03	54	H
SD173AP-12M**	12	7~13.8	13.2	1.1	3300	190	5.4	0.51	12.95	45	M
SD173AP-12L**	12	8~14	5.5	0.45	2000	120	3.4	0.35	8.89	40	L
SD173AP-24SH**	24	15~17.6	63.6	2.65	4500	255	7.2	0.80	20.32	60	SH
SD173AP-24HH**	24	15~27.6	50.4	2.1	4250	240	6.8	0.75	19.05	57	HH
SD173AP-24H**	24	15~27.6	24	0.97	4000	225	6.4	0.73	18.54	55	H
SD173AP-24M**	24	15~27.6	13	0.52	3300	190	5.4	0.51	12.95	45	M
SD173AP-24L**	24	15~28	5	0.20	2000	120	3.4	0.35	8.89	40	L
SD173AP-48SH**	48	28~58	62.4	1.3	4500	255	7.2	0.80	20.32	60	SH
SD173AP-48HH**	48	28~58	49.4	1.03	4250	240	6.8	0.75	19.05	57	HH
SD173AP-48H**	48	28~60	23.5	0.48	4000	225	6.4	0.73	18.54	55	H
SD173AP-48M**	48	28~63	14.5	0.30	3300	190	5.4	0.51	12.95	45	M
SD173AP-48L**	48	28~63	5.8	0.12	2000	120	3.4	0.35	8.89	40	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:	-

Mechanical

Frame:	Aluminum die cast, black color(AP) or natural color(AN)
Impeller:	5 blades, glass fiber reinforced plastic, rated UL94V-0
Bearing:	Two ball bearings
Rotation:	CW seen on rotor
Connection:	Wire lead or terminal flat pin connecting
Weight:	750 g (1.7 Lbs)

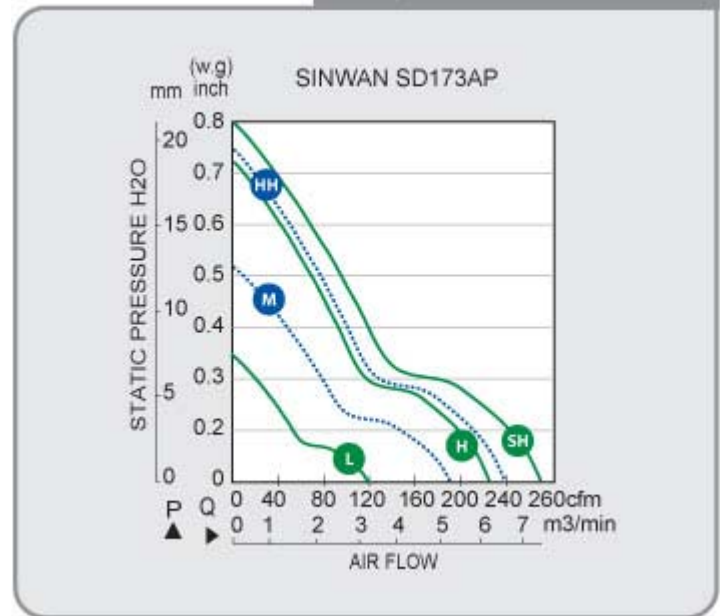
Electronical

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

Environment

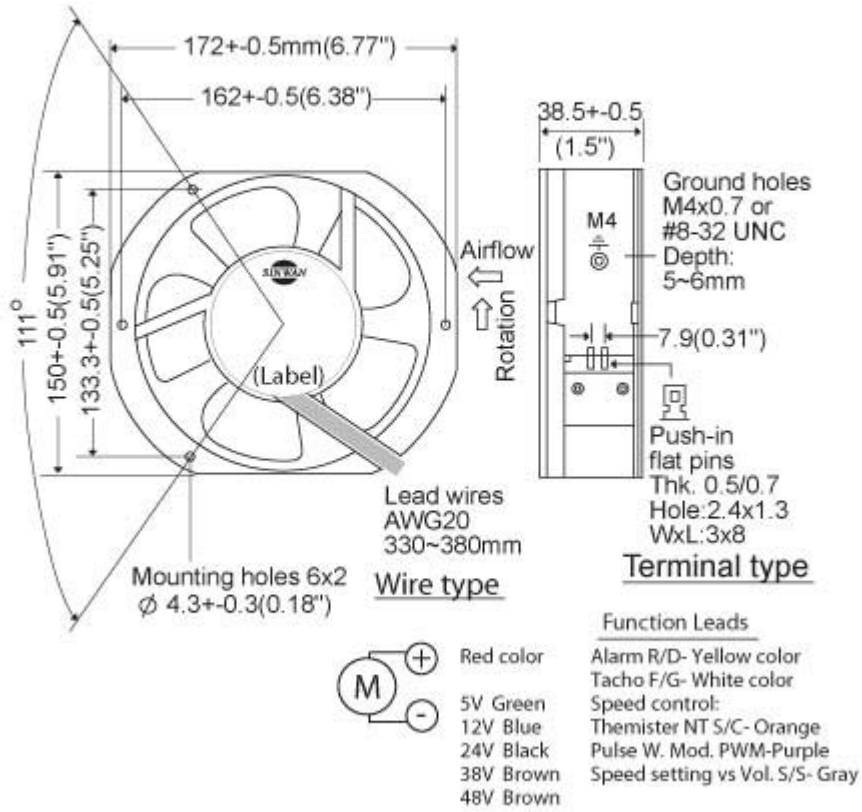
Operating Temp:	Ambient non-condensing -15~+65C
Storage Temp:	-25C~+80C (at 65%RH)
Life Expectancy:	L10 90K hours at 35C, 40K hours at 60C

Performance P-Q Curves



- Nomenclature
- R/D Alarm
- F/G 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

