



• DC • SD1238AP



120x120x38.5mm / 4.7x1.5inch

135~70 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)	
SD1238AP-05SH**7	5	4~6	9.5	1.9	3400	135	3.8	0.45	11.43	46	SH
SD1238AP-05HH**7	5	4~6	8	1.6	3100	120	3.4	0.41	10.41	43	HH
SD1238AP-05H**7	5	4~6	3.5	0.65	2800	108	3.1	0.37	9.4	41	H
SD1238AP-05M**7	5	4~6	3.0	0.55	2500	98	2.8	0.33	8.38	35	M
SD1238AP-05L**7	5	4~6	2.0	0.4	1800	70	2	0.25	6.35	26	L
SD1238AP-12SH**7	12	7~13.8	10.6	0.88	3400	135	3.8	0.45	11.43	46	SH
SD1238AP-12HH**7	12	7~13.8	8.4	0.7	3100	120	3.4	0.41	10.41	43	HH
SD1238AP-12H**7	12	7~13.8	6.0	0.5	2800	108	3.1	0.37	9.4	41	H
SD1238AP-12M**7	12	7~14	4.8	0.40	2500	98	2.8	0.33	8.38	35	M
SD1238AP-12L**7	12	7~15	2.4	0.20	1800	70	2	0.25	6.35	26	L
SD1238AP-24SH**7	24	12~28	10.3	0.43	3400	135	3.8	0.45	11.43	46	SH
SD1238AP-24HH**7	24	12~28	8.4	0.35	3100	120	3.4	0.41	10.41	43	HH
SD1238AP-24H**7	24	12~28	5.5	0.23	2800	108	3.1	0.37	9.4	41	H
SD1238AP-24M**7	24	12~29	4.6	0.19	2500	98	2.8	0.33	8.38	41	M
SD1238AP-24L**7	24	12~30	3.6	0.15	1800	70	2	0.25	6.35	26	L
SD1238AP-48SH**7	48	24~56	10.6	0.22	3400	135	3.8	0.45	11.43	46	SH
SD1238AP-48HH**7	48	24~56	7.7	0.16	3100	120	3.4	0.41	10.41	43	HH
SD1238AP-48H**7	48	24~56	5.0	0.1	2800	108	3.1	0.37	9.4	41	H
SD1238AP-48M**7	48	24~58	3.8	0.08	2500	98	2.8	0.33	8.38	37	M
SD1238AP-48L**7	48	24~60	3.4	0.07	1800	70	2	0.15	3.81	25	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:	Brushless DC Motor, auto cutoff, auto restart
Burnout Protection:	Elcetronically protected, polarity protected
IP Protection:	-

Mechanical

Frame:	Aluminum die cast, black color(AP)
Impeller:	7 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:	380 g (0.84 Lbs)

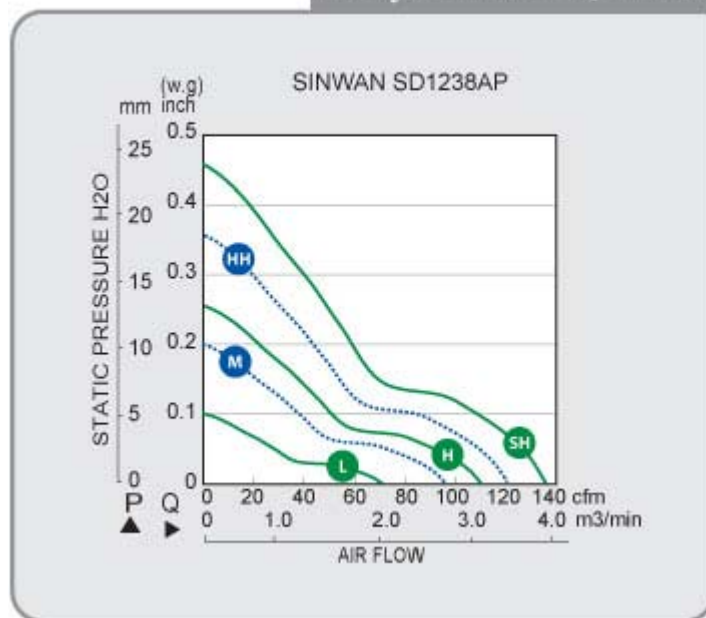
Electrical

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

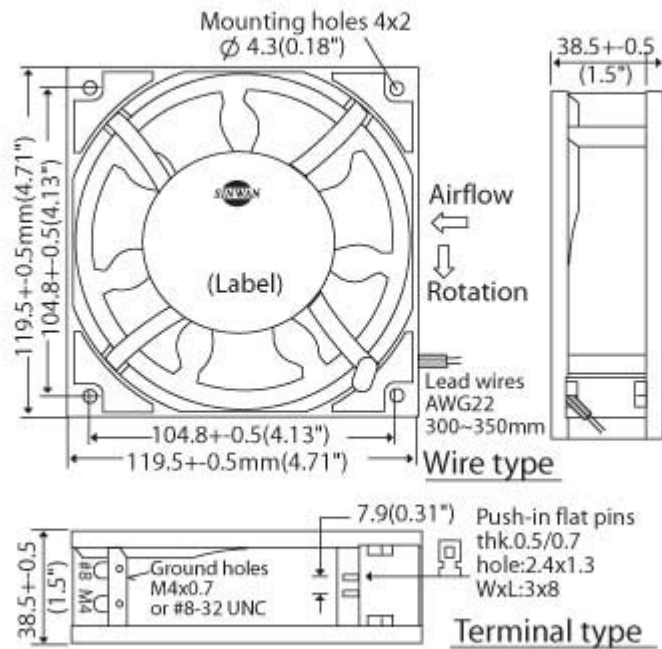
Operating Temp:	Ambient non-condensing -15~ +65C
Storage Temp:	-25C~ +80C (at 65%RH)
Life Expectancy:	L10 100K hours at 35C, 40K hours at 60C

► Performance P-Q Curves



- ↓ Nomenclature
- R/D Alarm
- F/G Tach
- S/C Function
- PWM Function

► Outline Dimensions



Relevant products



Metal Fan Guard

G109-15A, G109-15B,
G109-17



Plastic Fan Guard

G119P2, G119P4, G120P,
G120P2, G120P25F,
G120P4



Plastic Fan Filter

GRM120-30, GRM120-45



Metal Fan Screen

MF120S-30N



RoHS