



·DC· SD1238SPT (68)



120x120x38mm/4.7x1.5inch Sinwan DC Fan, 285 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
SD1238PT-12SH (68)	12	8~13.8	45.6	3.8	5000	236 6.7	1.6 40.64	60	3	☐
SD1238SPT-12HHH (68)	12	8~13.8	33.6	2.8	4500	215 6.1	1.3 33.02	58	4	☐
SD1238PT-24SHH (68)	24	14~26.4	58.8	2.45	5500	260 7.4	1.9 48.26	62	2	☒
SD1238SPT-24SH (68)	24	14~26.4	45.6	1.9	5000	236 6.7	1.6 40.64	60	3	☒
SD1238SPT-24HHH (68)	24	14~26.4	33.6	1.4	4500	215 6.1	1.3 33.02	58	4	☒
SD1238SPT-48EH (68)	48	28~56	76.8	1.6	6000	285 8.1	2.3 58.42	64	1	☒
SD1238SPT-48SHH (68)	48	28~56	55.2	1.15	5500	260 7.4	1.9 48.26	62	2	☒
SD1238SPT-48SH (68)	48	28~56	43.2	0.9	5000	236 6.7	1.6 40.64	60	3	☒
SD1238SPT-48HHH (68)	48	28~56	33.6	0.7	4500	215 6.1	1.3 33.02	58	4	☒

- ** = "WB" for wire lead 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: Glass fiber reinforced thermoplastic, rated UL94V-0

Impeller: 11 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: 315g

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

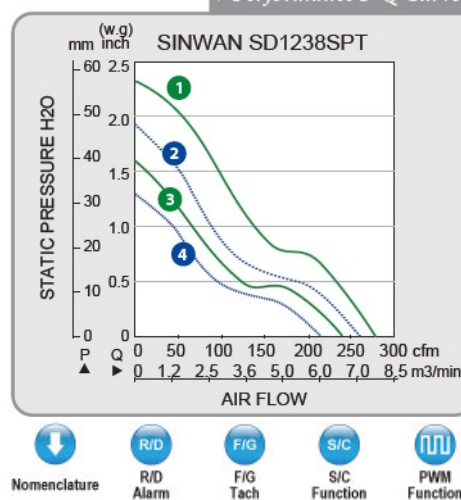
Environment

Operating Temp: -20C~+65C

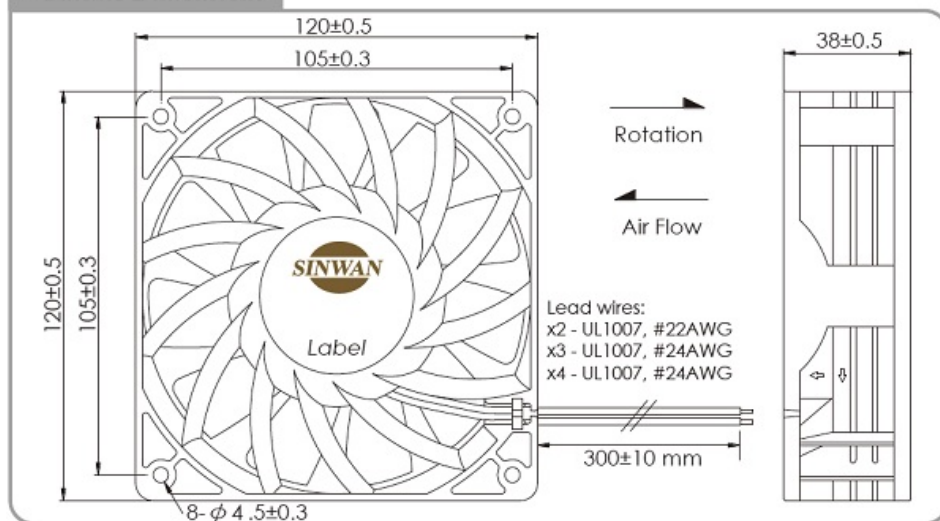
Storage Temp: -20C~+75C (at 65%RH)

Life Expectancy: L10 70K hours at 40C

Performance P-Q Curves



► Outline Dimensions



Relevant products



Metal Fan Guard
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

