



·DC· SD1225PT (68)(MS)



120x120x25mm / 4.7x1inch Sinwan DC Fan, 120~62 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
SD1225PT-12H (68)(MS)	12	8~13.8	5.4	0.45	3100	120 3.4	0.24 6.1	42	H	✓
SD1225PT-12M (68)(MS)	12	8~13.8	4.0	0.35	2500	90 2.5	0.19 4.83	35	M	✓
SD1225PT-12L (68)(MS)	12	8~14	2.5	0.20	1900	70 2	0.15 3.81	25	L	✓
SD1225PT-12LL (68)(MS)	12	8~14	1.68	0.14	1700	62 1.8	0.13 3.3	23	LL	✓
SD1225PT-24H (68)(MS)	24	14~26	5.5 (~7.7)	0.23 (~0.32)	3100	120 3.4	0.24 6.1	42	H	✓
SD1225PT-24M (68)(MS)	24	14~26	4.1	0.17	2500	90 2.5	0.19 4.83	35	M	✓
SD1225PT-24L (68)(MS)	24	14~27.6	2.4	0.10	1900	70 2	0.15 3.81	25	L	✓
SD1225PT-48H (68)(MS)	48	22~55	4.5 (~8.64)	0.09 (~0.18)	3100	120 3.4	0.24 6.1	42	H	✓
SD1225PT-48M (68)(MS)	48	22~55	3.5	0.07	2500	90 2.5	0.19 4.83	35	M	✓
SD1225PT-48L (68)(MS)	48	22~56	2.9	0.06	1900	70 2	0.15 3.81	25	L	✓

- ** = "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: Brushless DC Motor, auto cutoff, auto restart

Burnout Protection: Electronically protected, polarity protected

IP Protection: IP68 or IP69K optional on request

Mechanical

Frame: Glass fiber reinforced thermoplastic, rated UL94V-0(PT)

Impeller: 7 blades, glass fiber reinforced plastic, rated UL94V-0

Bearing: Two ball bearings

Rotation: CCW seen on rotor

Connection: Wire lead, Terminal flat pin

Weight: 152g (0.336 Lbs)

Electrical

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

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

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

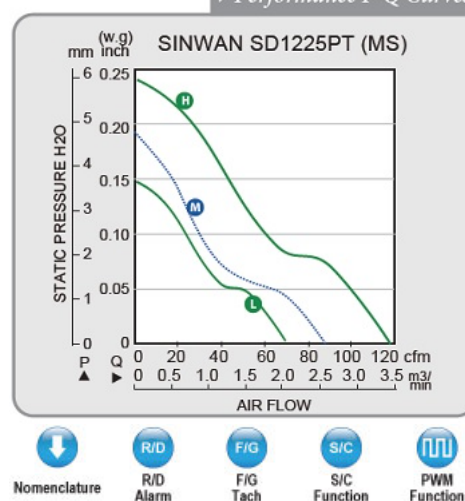
Environment

Operating Temp: -20C~+65C

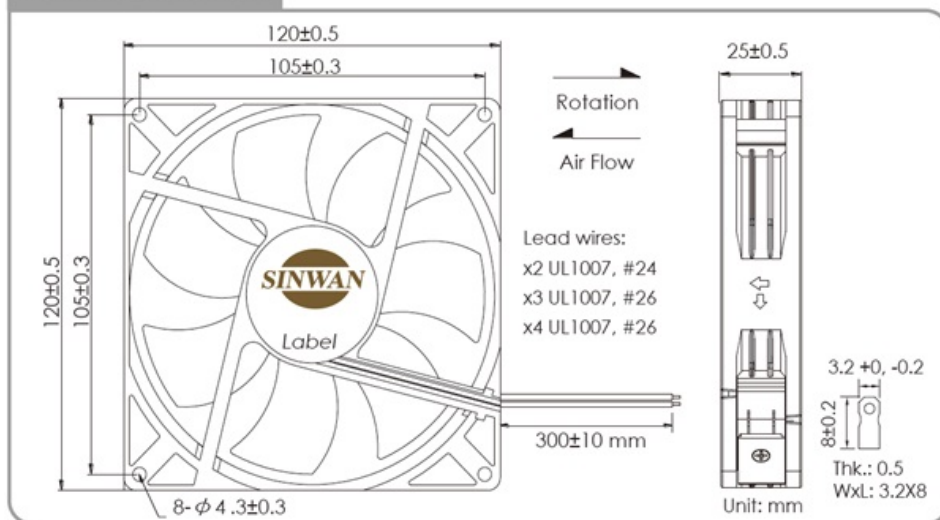
Storage Temp: -20C~+75C (at 65%RH)

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



RoHS