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·DC· SD1225SPT



**120x120x25mm / 4.7x1inch**  
**135~107 CFM**

Plastic Impeller

Model No	Rated Volt VDC	Voltage Range VDC	Input Power Watt	Rated Current Amp	Ref. Speed RPM	Max.Airflow		Max.Static Pressure		Noise Level db(A)	PQ Curves
						CFM	m3/min	Inch/H2O	mm		
SD1225SPT-24SH	24	14~26.4	20.4	0.85	5000	135	3.8	0.75	19.05	55	1
SD1225SPT-24HHH	24	14~26.4	15.6	0.65	4000	121	3.4	0.51	12.95	52	2
SD1225SPT-24HH	24	14~26.4	10.8	0.45	3500	107	3	0.42	10.67	48	3
SD1225SPT-48SH	48	28~56	31.2	0.65	5000	135	3.8	0.75	19.05	55	1
SD1225SPT-48HHH	48	28~56	24	0.5	4000	121	3.4	0.51	12.95	52	2
SD1225SPT-48HH	48	28~56	16.8	0.35	3500	107	3	0.42	10.67	48	3

- \*\* = "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:	DC Motor
Burnout Protection:	Electronically protected, Polarity protected
IP Protection:	IP55, IP68 (Optional)

**Mechanical**

Frame:	Glass fiber reinforced thermoplastic, rated UL94V-0
Impeller:	Glass fiber reinforced thermoplastic, rated UL94V-0
Bearing:	Two ball bearings
Rotation:	CCW seen on rotor
Connection:	Wire lead or terminal flat pin connecting
Weight:	155g

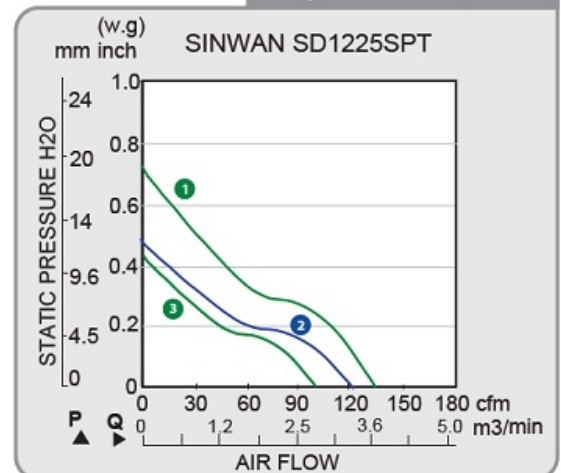
**Electronical**

Dielectric Strength:	500 VAC/min. Max leakage 0.5mA
Speed Control:	Optional:PWM, S/C NTC thermister
Signal Output:	Optional:RD Rotation Detactor, FG Frequency Generator

**Environment**

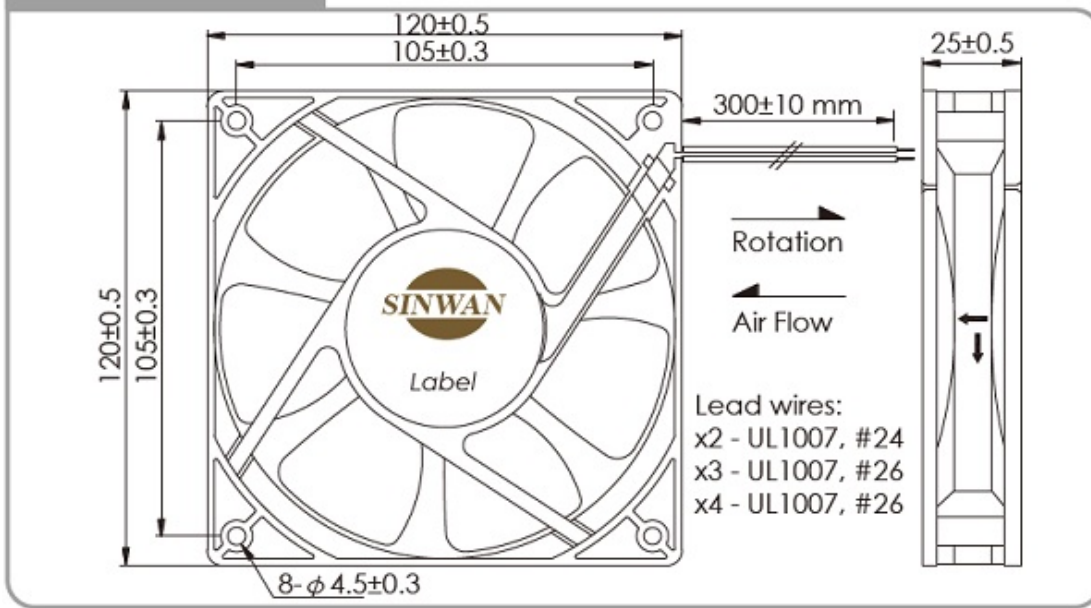
Operating Temp:	-20C~+65C
Storage Temp:	-20C~+75C (at 65%RH)
Life Expectancy:	L10 70K hours at 40C

► Performance P-Q Curves



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

► Outline Dimensions



Relevant products



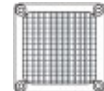
Metal Fan Guard  
G109-15A, G109-15B,  
G109-17



Plastic Fan Guard  
G119P2, G119P4, G120P,  
G120P2, G120P25F,  
G120P4



Plastic Fan Filter  
GRM120-30, GRM120-45



Metal Fan Screen  
MF120S-30N



RoHS