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·DC· SD1438PT



**140x140x38mm / 5.5x1.5inch**  
**272~225 CFM**

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
SD1438PT-12HHH**	12	7~13.2	43.2	3.6	6500	272 7.7	2.25 57.15	65	1	<input checked="" type="checkbox"/>
SD1438PT-12HH**	12	7~13.2	28.8	2.4	6000	250 7.1	1.92 48.77	63	2	<input checked="" type="checkbox"/>
SD1438PT-12H**	12	7~13.2	22.8	1.9	5500	225 6.4	1.62 41.15	60	3	<input checked="" type="checkbox"/>
SD1438PT-24HHH**	24	14~26.4	43.2	1.8	6500	272 7.7	2.25 57.15	65	1	<input checked="" type="checkbox"/>
SD1438PT-24HH**	24	14~26.4	28.8	1.2	6000	250 7.1	1.92 48.77	63	2	<input checked="" type="checkbox"/>
SD1438PT-24H**	24	14~26.4	24	0.9	5500	225 6.4	1.62 41.15	60	3	<input checked="" type="checkbox"/>
SD1438PT-48HHH**	48	28~56	52.8	1.1	6500	272 7.7	2.25 57.15	65	1	<input checked="" type="checkbox"/>
SD1438PT-48HH**	48	28~56	42.24	0.88	6000	250 7.1	1.92 48.77	63	2	<input checked="" type="checkbox"/>
SD1438PT-48H**	48	28~56	31.2	0.65	5500	225 6.4	1.62 41.15	60	3	<input checked="" type="checkbox"/>

- \*\* = "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: 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: 360g

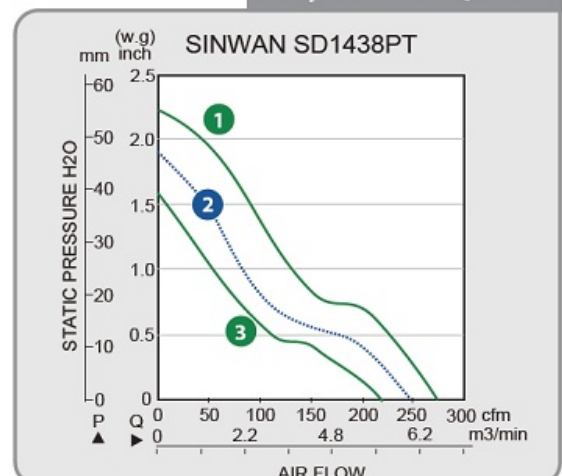
**Electronical**

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

**Environment**

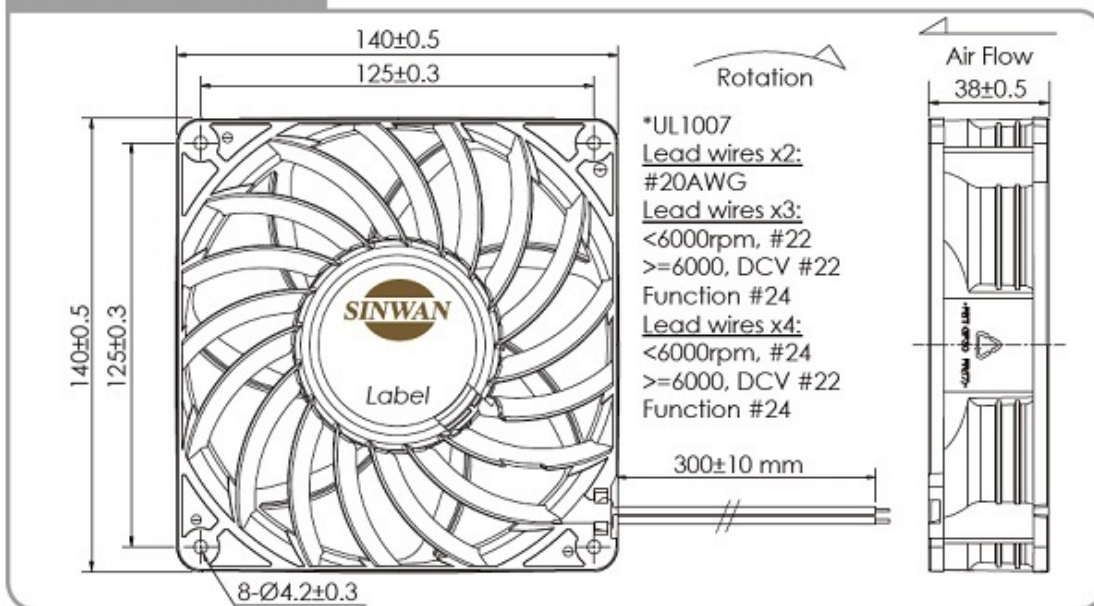
Operating Temp: -20C~+65C  
Storage Temp: -20C~+75C (at 65%RH)  
Life Expectancy: L10 70K hours at 40C

► Performance P-Q Curves



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

▶ Outline Dimensions



Relevant products

