

Print page



·DC· SD175SRAP



**172x51mm / 6.7x2inch**  
**600~520 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
SD175SRAP-24SEH**	24	14~26.4	172.8	7.2	9500	600	17	6.22	157.99	78	1	<input checked="" type="checkbox"/>
SD175SRAP-24JHH**	24	14~26.4	158.4	6.6	8500	550	15.6	5.55	140.97	74	2	<input checked="" type="checkbox"/>
SD175SRAP-24JH**	24	14~26.4	130.8	5.45	8000	520	14.7	5.23	132.84	72	3	<input checked="" type="checkbox"/>
SD175SRAP-48SEH**	48	28~56	182.4	3.8	9500	600	17	6.22	157.99	78	1	<input checked="" type="checkbox"/>
SD175SRAP-48JHH**	48	28~56	168	3.5	8500	550	15.6	5.55	140.97	74	2	<input checked="" type="checkbox"/>
SD175SRAP-48JH**	48	28~56	153.6	3.2	8000	520	14.7	5.23	132.84	72	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)
<b>Mechanical</b>	
Frame:	Aluminum die cast, black color(AP)
Impeller:	5 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:	825g

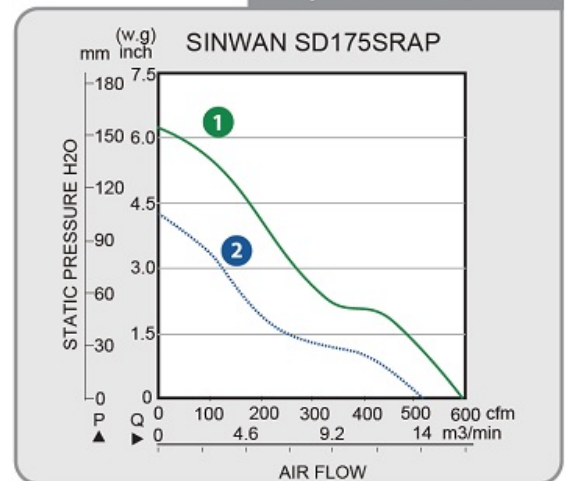
**Electronical**

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**

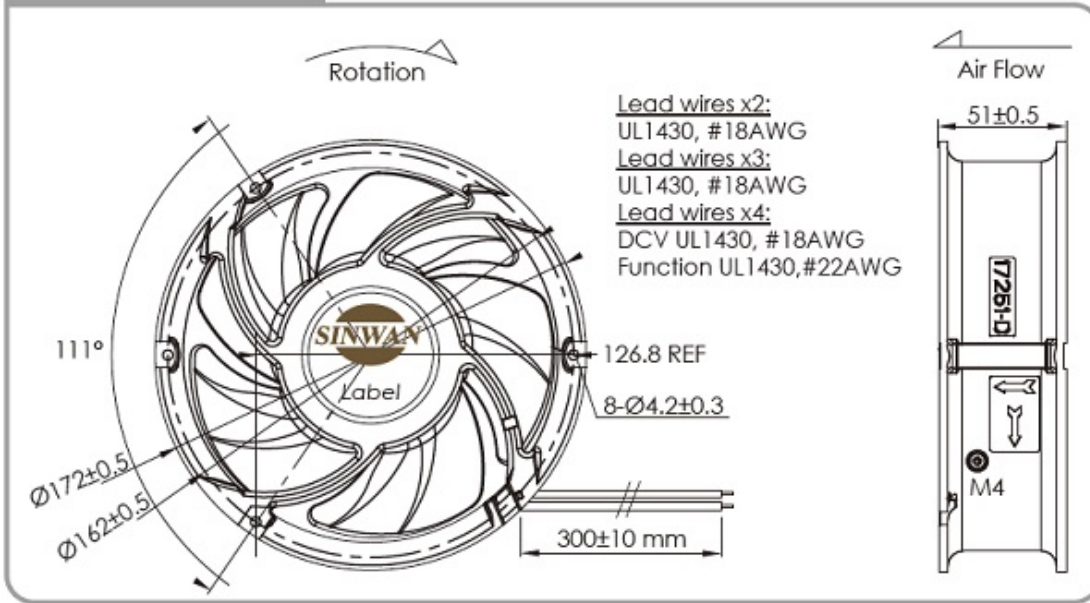
Operating Temp:	-20C~+65C
Storage Temp:	-20C~+75C (at 65%RH)
Life Expectancy:	L10 70K hours at 40C

► Performance P-Q Curves



Navigation icons:  Nomenclature,  R/D Alarm,  F/G Tach,  S/C Function,  PWM Function

▶ Outline Dimensions



Relevant products



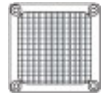
Metal Fan Guard  
G172-10H, G172-10HA



Plastic Fan Guard  
G172P



Plastic Fan Filter  
GRM172-30, GRM172-45



Metal Fan Screen  
MF172S-30N



RoHS Pending