



·DC· SD9238PT (68)



92x92x38mm / 3.6x1.5inch

Sinwan DC Fan, 168 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
SD9238PT-12SHH (68)	12	7~13.2	42	3.5	8000	168 4.8	1.9 48.26	72	1	✓
SD9238PT-12SH (68)	12	7~13.2	36	3.0	7000	147 4.2	1.46 37.08	67	2	✓
SD9238PT-12HHH (68)	12	7~13.2	24	2.0	6000	125 3.5	1.12 28.45	64	3	✓
SD9238PT-12HH (68)	12	7~13.2	18	1.5	5000	110 3.1	0.86 21.84	58	4	✓
SD9238PT-12H (68)	12	7~13.2	12	1.0	4500	100 2.8	0.7 17.78	56	5	✓
SD9238PT-12M (68)	12	7~13.2	9.6	0.8	4000	89 2.5	0.55 13.97	53	6	✓
SD9238PT-12L (68)	12	7~13.2	7.2	0.6	3500	78 2.2	0.42 10.67	50	7	✓
SD9238PT-24SHH (68)	24	14~26.4	39.6	1.65	8000	168 4.8	1.9 48.26	72	1	✓
SD9238PT-24SH (68)	24	14~26.4	26.4	1.1	7000	147 4.2	1.46 37.08	67	2	✓
SD9238PT-24HHH (68)	24	14~26.4	21.6	0.9	6000	125 3.5	1.12 28.45	64	3	✓
SD9238PT-24HH (68)	24	14~26.4	10.8	0.45	5000	110 3.1	0.86 21.84	58	4	✓
SD9238PT-24H (68)	24	14~26.4	9.6	0.4	4500	100 2.8	0.7 17.78	56	5	✓
SD9238PT-24M (68)	24	14~26.4	7.2	0.3	4000	89 2.5	0.55 13.97	53	6	✓
SD9238PT-24L (68)	24	14~26.4	4.8	0.2	3500	78 2.2	0.42 10.67	50	7	✓
SD9238PT-48SHH (68)	48	28~56	43.2	0.9	8000	168 4.8	1.9 48.26	72	1	✓
SD9238PT-48SH (68)	48	28~56	28.8	0.6	7000	147 4.2	1.46 37.08	67	2	✓
SD9238PT-48HHH (68)	48	28~56	19.2	0.4	6000	125 3.5	1.12 28.45	64	3	✓
SD9238PT-48HH (68)	48	28~56	14.4	0.3	5000	110 3.1	0.86 21.84	58	4	✓
SD9238PT-48H (68)	48	28~56	12	0.25	4500	100 2.8	0.7 17.78	56	5	✓
SD9238PT-48M (68)	48	28~56	9.6	0.2	4000	89 2.5	0.55 13.97	53	6	✓
SD9238PT-48L (68)	48	28~56	7.2	0.15	3500	78 2.2	0.42 10.67	50	7	✓

- ** = "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: IP68 or IP69K optional on request

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: 200g

Electronical

Dielectric Strength: 500 VAC/min. Max leakage 5mA

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

Signal Output: Optional: RD Rotation Detector, FG Frequency Generator

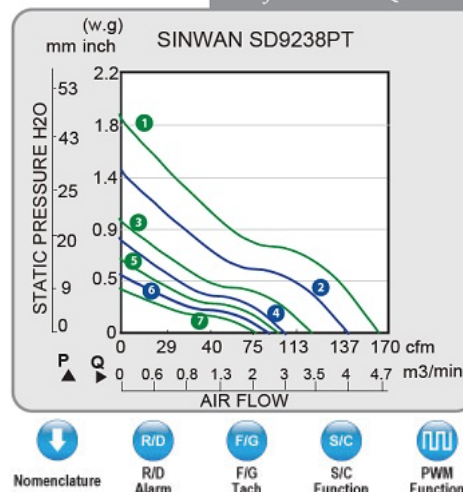
Environment

Operating Temp: -20C~+65C

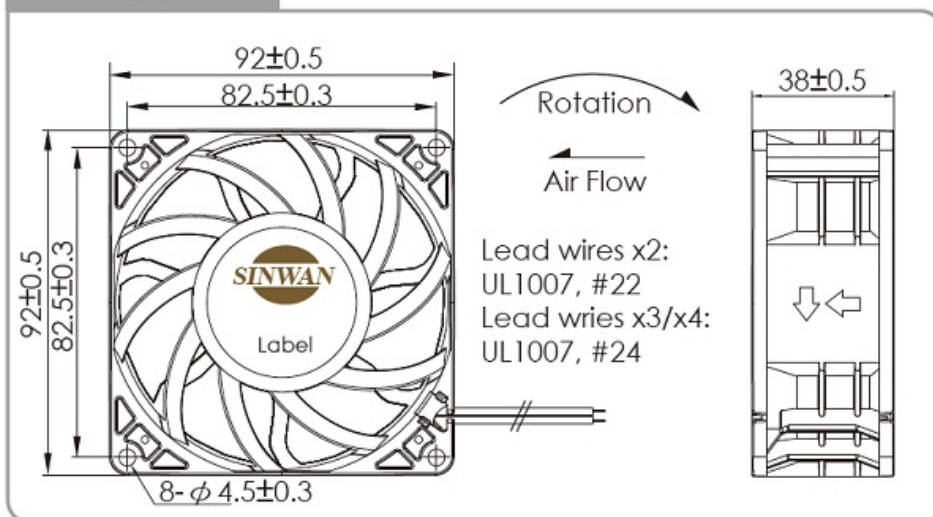
Storage Temp: -20C~+75C (at 65%RH)

Life Expectancy: L10 70K hours at 40C

► Performance P-Q Curves



► Outline Dimensions



Relevant products



Metal Fan Guard
G80-18



Plastic Fan Guard
G80P, G80P2, G80P2A,
G80P4



Plastic Fan Filter
GRM80-30, GRM80-45



Metal Fan Screen
MF80S-30N

