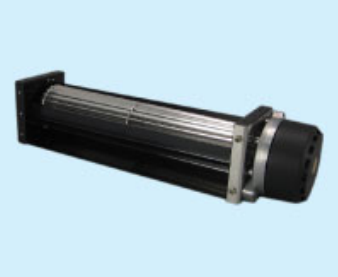


Print page



•DC• MCD419SP



Φ40xL.190x260x60mm
80~60 CFM

DC Crossflow fan

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
MCD419SP-12H**(****#)	12	9~13.8	7.56(~13.2)	0.63(~1.1)	4100	79 2.2	0.24 6.1	43	H	✓
MCD419SP-12M**(****#)	12	9~13.8	6.48(~9)	0.54(~0.75)	3200	68 1.9	0.21 5.33	39	M	✓
MCD419SP-24H**(****#)	24	12~27.6	8.4(~12.48)	0.35(~0.52)	4140	80 2.3	0.25 6.35	44	H	✓
MCD419SP-24M**(****#)	24	12~27.6	5.52(~7.92)	0.23(~0.33)	3300	70 2	0.22 5.59	41	M	✓
MCD419SP-48H**(****#)	48	38~55	9.12(~12)	0.19(~0.25)	4200	82 2.3	0.26 6.6	44	H	✓
MCD419SP-48M**(****#)	48	38~55	7.2(~8.16)	0.15(~0.17)	3300	70 2	0.22 5.59	41	M	✓

- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal block with Ball bearing
- (****#) = (RENON),(LESGN),(RESG F/G)...designation of motor,air outlet,motor grill & fan blades guard
- 1st* = R, L, C - Motor position right or left, seen from air outlet. 2nd* = E, V, Q, H - Air outlet direction.
- 3rd* = S, N - Shield for motor protection. 4th* = G, O - Grill guard for fan blades
- # = R/D, F/G, S/C, P/W, S/V, N. Designation of motor functions. Alarm-R/D, Tach-F/G, Thermal-S/C, PWM-P/W, none function-N
- Click nomenclature for full model numbers
- Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

Motor

Motor Type: Sinwan Brushless DC Motor MED127AN
Burnout Protection: Electronically protected, polarity & locked rotor protection
IP Protection: IP ratings on request

Mechanical

Frame: Steel plate housing and frame black coating
Impeller: Aluminum alloy fan blades with natural treatment cosmetics
Bearing: 3 high precision permanently lubricated ball bearings
Rotation: Motor at right side (R type), left (L type) for choice, viewed from air outlet
Connection: Wire leads, or terminal block connecting for choice
Weight: 480+-30Gm(1.06Lbs)

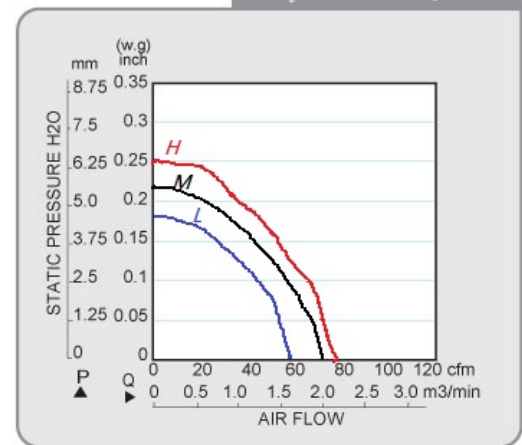
Electronical

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA
Speed Control: Optional: PWM, S/C NTC thermister
Signal Output: Optional: R/D alarm output, F/G Tachometer output

Environment

Operating Temp: -20C~+65C
Storage Temp: -20C~+75C (at 65%RH)
Life Expectancy: L10 40K hours at 45°C, 20K hours at 65°C

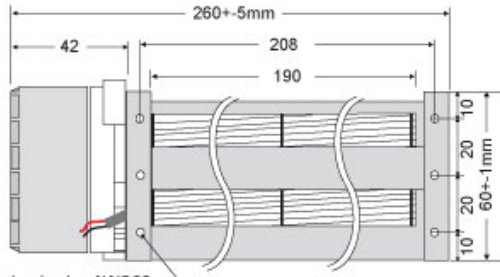
► Performance P-Q Curves



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

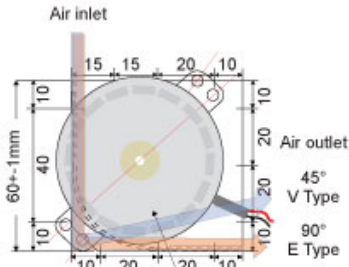
► Outline Dimensions

L Type



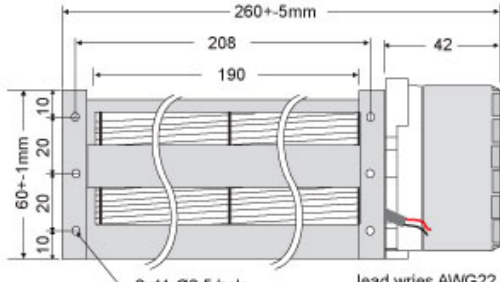
lead wires AWG22
300mm/1ft
stripped ends 5mm

2x11, Ø2.5 hole



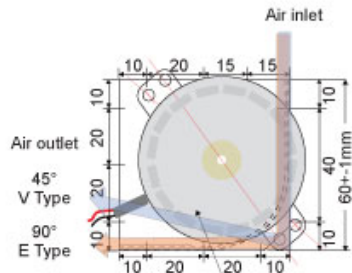
motor Sinwan MED127AN

R Type



lead wires AWG22
300mm/1ft
stripped ends 5mm

2x11, Ø2.5 hole



motor Sinwan MED127AN

Relevant products



Motor
Sinwan Motor MED127AN
24H-motor part#25180
24M-motor part#19239

