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**·DC· MD938AN**



**92x92x38mm / 3.6x1.5inch**  
**82~58 CFM**

Metal Impeller Brushless DC fan

Model No	Rated	Voltage	Input	Rated	Ref.	Max.Airflow		Max.Static Pressure		Noise	PQ
	Volt	Range	Power	Current	Speed	CFM	m3/min	Inch/H2O	mm	Level	Curves
	VDC	VDC	Watt	Amp	RPM					db(A)	
MD938AN-12H	12	8~13	8	0.67	5000	82	2.3	0.65	16.51	49	H
MD938AN-12M	12	8~13	6	0.5	4200	69	2	0.52	13.21	45	M
MD938AN-12L	12	8~13	4	0.33	3500	58	1.6	0.36	9.14	33	L
MD938AN-24H	24	15~26	8	0.33	5000	82	2.3	0.65	16.51	49	H
MD938AN-24M	24	15~27	6	0.25	4200	69	2	0.52	13.21	45	M
MD938AN-24L	24	15~28	4	0.16	3500	58	1.6	0.36	9.14	33	L
MD938AN-48H	48	28~53	8	0.16	5000	82	2.3	0.65	16.51	49	H
MD938AN-48M	48	28~56	6	0.13	4200	69	2	0.52	13.21	45	M
MD938AN-48L	48	28~56	4	0.08	3500	58	1.6	0.36	9.14	33	L

• Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

**Motor**

Motor Type: brushless DC motor, alarm, tach,pwm, thermal speed controls  
Burnout Protection: Electronically protected, polarity protected  
IP Protection: IP55,56 optional request

**Mechanical**

Frame: Aluminum die cast, natural coating treatment  
Impeller: Metal fan blades. Welded spoting joint metal fan blades  
Bearing: Ball bearing  
Rotation: CCW at left (L), seen on rotor  
Connection: Wire lead or Terminal push-pin connecting for choice  
Weight: -

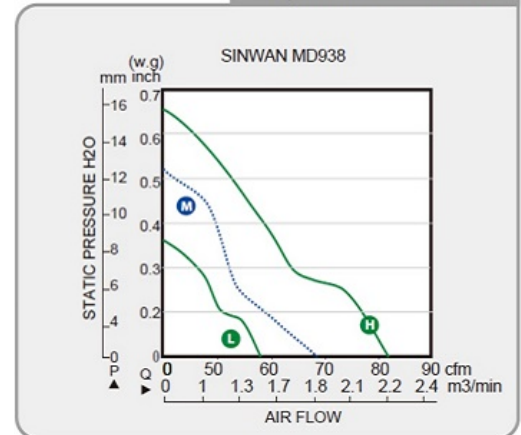
**Electronical**

Dielectric Strength: 500VAC/min. Max. leakage 0.5mA  
Speed Control: -  
Signal Output: Optional:R/D alarm output, tachometer output

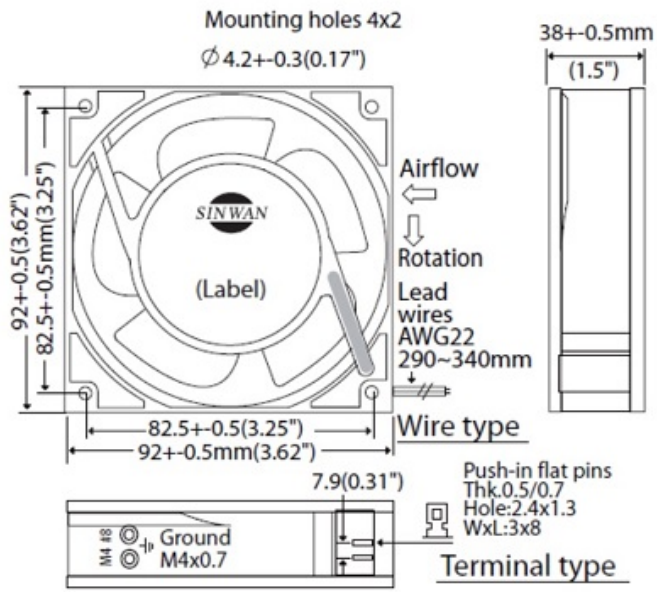
**Environment**

Operating Temp: -20C~+65C  
Storage Temp: -20C~+75C (at 65%RH)  
Life Expectancy: Life expectancy 90K hours at 35C, 40K hours at 65C based on L10 Formula

► Performance P-Q Curves



▶ Outline Dimensions



Relevant products



Metal Fan Guard  
 G92-13, G92-16



Plastic Fan Guard  
 G92P, G92P2, G92P4



Plastic Fan Filter  
 GRM92-30, GRM92-45



Metal Fan Screen  
 MF92S-30N

