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·DC· SD960AN



330x330x89mm
300~180 CFM

DC Blower

Model No	Rated Volt	Voltage Range	Input Power	Rated Current	Ref. Speed	Max. Airflow		Max. Static Pressure		Noise Level	PQ
	VDC	VDC	Watt	Amp	RPM	CFM	m ³ /min	Inch/H ₂ O	mm	db(A)	Curves
SD960AN-12H	12	9~13.6	120~128	10~10.6	1600	285	8.1	2.2	55.88	58	H
SD960AN-12M	12	9~13.6	74~82	6.2~6.8	1200	220	6.2	1.7	43.18	49	M
SD960AN-12L	12	9~14	57~49	4.8~4.1	1000	180	5.1	1.4	35.56	39	L
SD960AN-24H	24	18~27.6	115~128	4.8~5.3	1700	300	8.5	2.3	58.42	60	H
SD960AN-24M	24	18~28	70~78	2.9~3.3	1200	220	6.2	1.7	43.18	49	M
SD960AN-24L	24	18~28	55~47	2.3~1.9	1000	180	5.1	1.4	35.56	39	L
SD960AN-48H	48	30~56	115~128	2.4~2.7	1700	300	8.5	2.3	58.42	60	H
SD960AN-48M	48	32~60	70~78	1.5~1.6	1200	220	6.2	1.7	43.18	49	M
SD960AN-48L	48	30~60	55~47	1.1~0.98	1000	180	5.1	1.4	35.56	39	L

- ** = "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: Microprocessor cpu control, auto cutoff / restart, locking & polarity protected

Burnout Protection:

IP Protection:

Mechanical

Frame: Aluminum die cast, black color cosmetics frame with steel housing cover

Impeller: Glass fiber reinforced PBT thermoplastic impeller, UL94V-0

Bearing: Two precision double sealed ball bearings

Rotation: CCW seen on rotor

Connection: Wire leads or push-in terminal for option

Weight: 5650 g (12.5 Lbs)

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 Detector, FG Frequency Generator

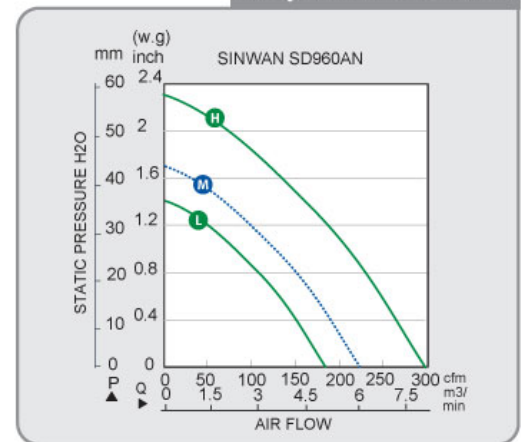
Environment

Operating Temp: -20C~+65C

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

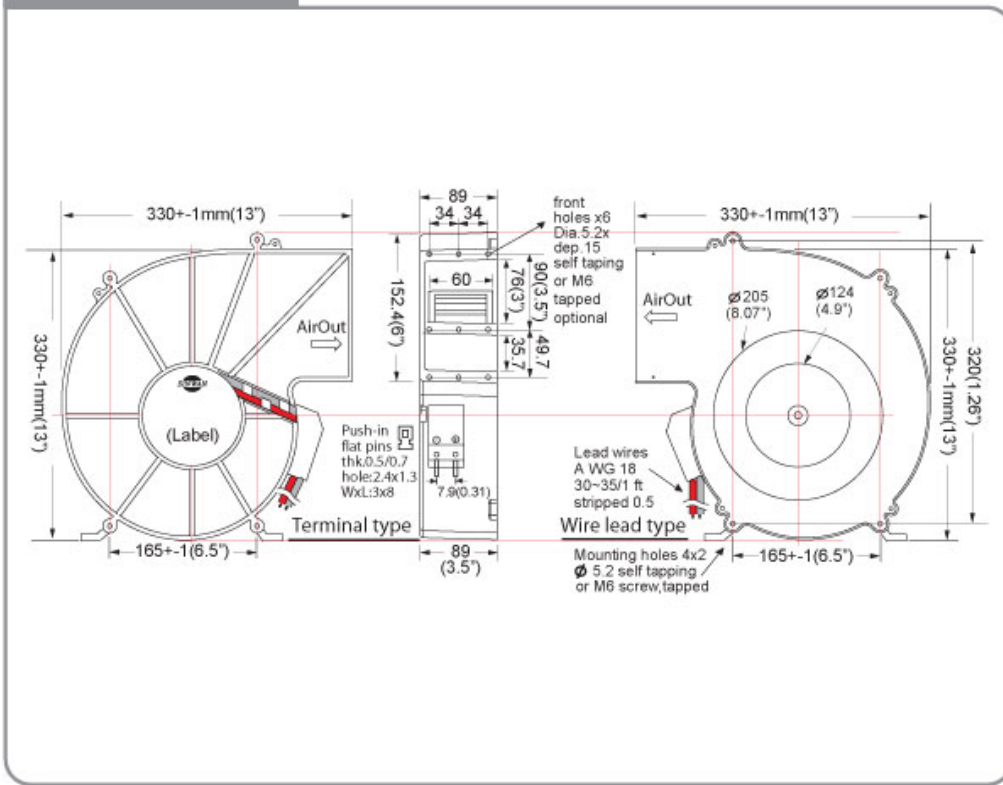
Life Expectancy: Normally 60,000 hours at 25C, 25,000 hours at 65C

Performance P-Q Curves



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

▶ Outline Dimensions



Relevant products



Metal Fan Guard
G180-11

