



·AC· M180GAP (68)



176x176x89mm/7x3.5inch
380 CFM

Sinwan IP68/IP69K AC

Model No	Rated Volt	Voltage Range	Freq	Input Power	Ref. Speed	Max. Airflow	Max. Static Pressure	Noise Level	PQ
	VAC	VAC	Hz	Watt	RPM	CFM m3/min	Inch/H2O mm	db(A)	
M180GAP11-1** (100)(68)	100	100~120	50/60	60/80	2750/3250	330/380 9.3/10.8	0.69/0.76 17.53/19.3	63	2/1
M180GAP11-1** (68)	115	100~120	50/60	60/80	2750/3250	330/380 9.3/10.8	0.69/0.76 17.53/19.3	63	2/1
M180GAP11-2** (68)	115	100~120	50/60	55/65	2300/2100	285/275 8.1/7.8	0.59/0.53 14.99/13.46	52	4/3
M180GAP11-3** (68)	115	100~120	50/60	20/30	1450/1650	175/210 5/5.9	0.36/0.39 9.14/9.91	41	6/5
M180GAP11-4** (68)	115	100~120	50/60	18/25	1100/1150	130/120 3.7/3.4	0.33/0.32 8.38/8.13	37	8/7
M180GAP11-1/2** (68)	115	100~120	50/60	-1 60/80 -2 55/65	2750/3250 2300/2100	330/380 9.3/10.8 285/275 8.1/7.8	0.69/0.76 17.53/19.3 0.59/0.53 14.99/13.46	63 52	2/1 4/3
M180GAP11-3/4** (68)	115	100~120	50/60	-3 20/30 -4 18/25	1450/1650 1100/1000	175/210 5/5.9 130/120 3.7/3.4	0.36/0.39 9.14/9.91 0.33/0.32 8.38/8.13	41 37	6/5 8/7
M180GAP22-1** (200)(68)	200	200~240	50/60	60/80	2750/3250	330/380 9.3/10.8	0.69/0.76 17.53/19.3	63	2/1
M180GAP22-1** (68)	230	200~240	50/60	60/80	2750/3250	330/380 9.3/10.8	0.69/0.76 17.53/19.3	63	2/1
M180GAP22-2** (68)	230	200~240	50/60	55/65	2300/2100	285/275 8.1/7.8	0.59/0.53 14.99/13.46	52	4/3
M180GAP22-3** (68)	230	200~240	50/60	20/30	1450/1650	175/210 5/5.9	0.36/0.39 9.14/9.91	41	6/5
M180GAP22-4** (68)	230	200~240	50/60	18/25	1100/1000	130/120 3.7/3.4	0.33/0.32 8.38/8.13	37	8/7
M180GAP22-1/2** (68)	230	200~240	50/60	-1 60/80 -2 55/65	2750/3250 2300/2100	330/380 9.3/10.8 285/275 8.1/7.8	0.69/0.76 17.53/19.3 0.59/0.53 14.99/13.46	63 52	2/1 4/3
M180GAP22-3/4** (68)	230	200~240	50/60	-3 20/30 -4 18/25	1450/1650 1100/1000	175/210 5/5.9 130/120 3.7/3.4	0.36/0.39 9.14/9.91 0.33/0.32 8.38/8.13	41 37	6/5 8/7
M180GAP11/22-1** (68)	115	100~120	50/60	60/80	2750/3250	330/380 9.3/10.8	0.69/0.76 17.53/19.3	63	2/1
M180GAP8-1** (68)	48	48~58	50/60	60/80	2600/3000	330/378 9.3/10.7	0.67/0.74 17.02/18.8	62	2/1
M180GAP44-1** (380)(68)	380	380~440	50/60	60/80	2750/3250	330/380 9.3/10.8	0.69/0.76 17.53/19.3	63	2/1
M180GAP44-1** (68)	440	380~440	50/60	60/80	2750/3250	330/380 9.3/10.8	0.69/0.76 17.53/19.3	63	2/1

- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal type Ball bearing
- 100, 200, 240V or special voltages 12, 24, 28, 38, 42, 48, 380~440~480... 50/60Hz, & dual voltage version available on request.
- Dual speed High/Medium 1/2, High/Low 1/3, Medium/Low 2/3, Low/extra Low 3/4 or triple speed 1/2/3 available on request.
- Sinwan reserves the right to change data and improve electrical or mechanical design without notice, data tolerance +-10%

Motor

Motor Type:	Capacitor induction, outer rotor, 1-phase
Burnout Protection:	Thermally protected
IP Protection:	IP68 or IP69K optional on request

Mechanical

Frame:	Aluminum die cast, black color
Impeller:	7 blades, all metal
Bearing:	Two ball bearings
Rotation:	CCW seen on rotor
Connection:	Wire lead or terminal flat pin connecting
Weight:	1850g (4.08Lbs)

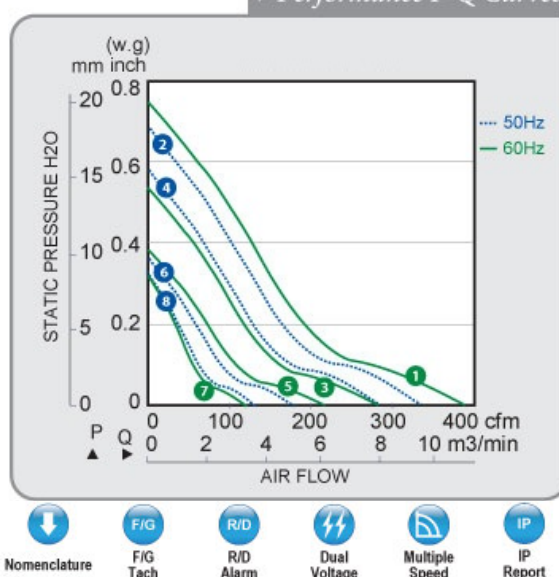
Electrical

Dielectric Strength:	Over 1 min. at 1,500 VAC, 50/60Hz
Insulation Resistance:	Over 100 MΩ at DC 500V
Signal Output:	Optional: R/D alarm output, tachometer output F/G

Environment

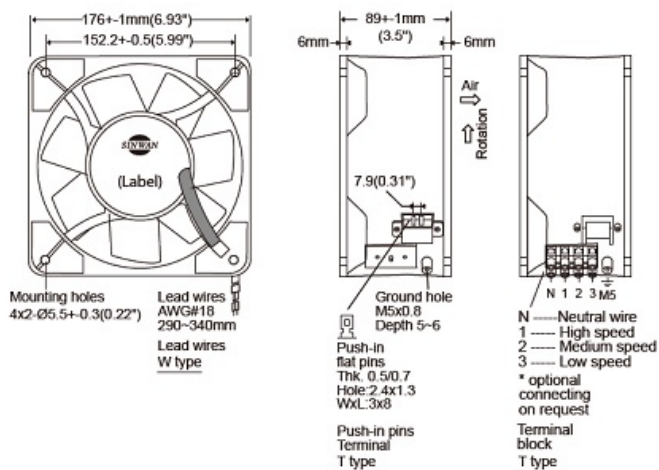
Operating Temp:	Ambient non-condensing -30~+80C
Storage Temp:	-40C~+100C (at 65%RH)
Life Expectancy:	L10 50K hours at 55C

Performance P-Q Curves



- ↓ Nomenclature
- F/G Tach
- R/D Alarm
- ⚡ Dual Voltage
- ⚙ Multiple Speed
- IP IP Report

► Outline Dimensions



Relevant products

