



·AC· M180GAN (HR)



176x176x89mm/7x3.5inch
380 CFM

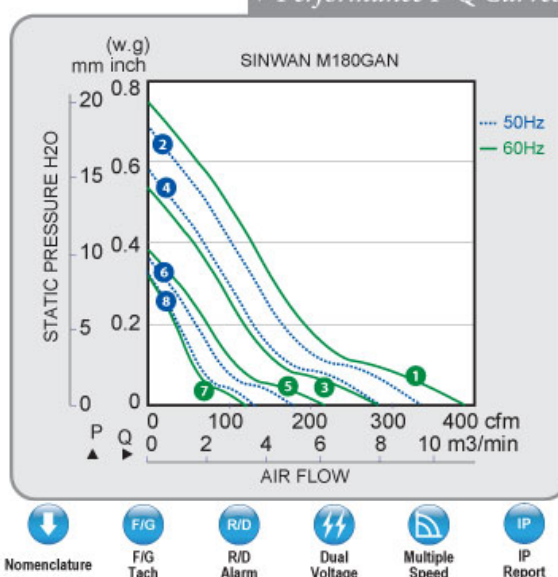
Sinwan AC Metal Impeller, Reverse Airflow

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)	
M180GAN11-1** (100)	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
M180GAN11-1**	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
M180GAN11-2**	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
M180GAN11-3**	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
M180GAN11-4**	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
M180GAN11-1/2**	115	100~120	50/60	-1 60/80	2750/3250	330/380 9.3/10.8	0.69/0.76 17.53/19.3	63	2/1
dual speed				-2 55/65	2300/2100	285/275 8.1/7.8	0.59/0.53 14.99/13.46	52	4/3
M180GAN11-3/4**	115	100~120	50/60	-3 20/30	1450/1650	175/210 5/5.9	0.36/0.39 9.14/9.91	41	6/5
dual speed				-4 18/25	1100/1000	130/120 3.7/3.4	0.33/0.32 8.38/8.13	37	8/7
M180GAN22-1** (200)	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
M180GAN22-1**	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
M180GAN22-2**	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
M180GAN22-3**	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
M180GAN22-4**	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
M180GAN22-1/2**	230	200~240	50/60	-1 60/80	2750/3250	330/380 9.3/10.8	0.69/0.76 17.53/19.3	63	2/1
dual speed				-2 55/65	2300/2100	285/275 8.1/7.8	0.59/0.53 14.99/13.46	52	4/3
M180GAN22-3/4**	230	200~240	50/60	-3 20/30	1450/1650	175/210 5/5.9	0.36/0.39 9.14/9.91	41	6/5
dual speed				-4 18/25	1100/1000	130/120 3.7/3.4	0.33/0.32 8.38/8.13	37	8/7
M180GAN11/22-1**	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
dual voltage	230	200~240							
M180GAN8-1**	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
M180GAN44-1** (380)	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
M180GAN44-1** (440)	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

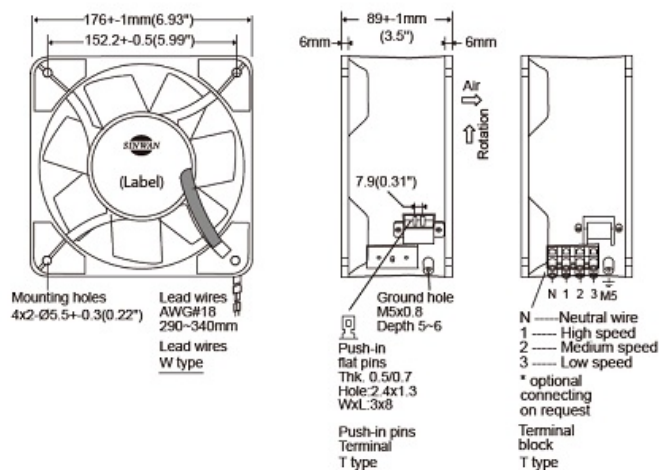
- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal type Ball bearing
- 100, 200, 240V or special voltages 12, 24, 28, 38, 42, 48, 380~440~480... 50/60Hz, & dual voltage version available on request.
- Dual speed High/Medium 1/2, High/Low 1/3, Medium/Low 2/3, Low/extra Low 3/4 or triple 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:	IP56, IP68
Mechanical	
Frame:	Aluminum die cast, natural color(AN)
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)
Electronical	
Dielectric Strength:	Over 1 min. at 1,500 VAC, 0.5mA, 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



► Outline Dimensions



Relevant products

