



·AC· M254GAN (HR)



Dia.254x89mm/10x3.5inch 1,000 CFM

Sinwan AC Metal Impeller, Reverse Airflow

Model No	Rated Volt VAC	Voltage Range VAC	Freq Hz	Input Power Watt	Ref. Speed RPM	Max.Airflow CFM	m3/min	Max.Static Pressure Inch/H2O	mm	Noise Level db(A)	PQ
M254GAN11-1**	115	100~120	50/60	95/105	2800/3250	840/1000	23.8/28.3	0.78/0.60	19.81/15.24	70	2/1
M254GAN11-2**	115	100~120	50/60	80/95	2300/2200	660/620	18.7/17.6	0.33/0.27	8.38/6.86	63	4/3
M254GAN11-3**	115	100~120	50/60	32/40	1450/1700	485/570	13.7/16.1	0.25/0.20	6.35/5.08	46	6/5
M254GAN11-4**	115	100~120	50/60	24/33	1200/1100	420/370	11.9/10.5	0.18/0.14	4.57/3.56	34	8/7
M254GAN11-1/2**	115	100~120	50/60	-1 95/105 -2 80/95	2800/3250 2300/2200	840/1000 660/620	23.8/28.3 18.7/17.6	0.78/0.60 0.33/0.27	19.81/15.24 8.38/6.86	70 63	2/1 4/3
M254GAN11-3/4**	115	100~120	50/60	-3 32/40 -4 24/33	1600/1500 1200/1100	560/500 420/370	15.9/14.2 11.9/10.5	0.25/0.20 0.18/0.14	6.35/5.08 4.57/3.56	46 34	6/5 8/7
M254GAN22-1**	230	200~240	50/60	95/105	2750/3250	840/1000	23.8/28.3	0.78/0.60	19.81/15.24	70	2/1
M254GAN22-2**	230	200~240	50/60	80/95	2300/2200	660/620	18.7/17.6	0.33/0.27	8.38/6.86	63	4/3
M254GAN22-3**	230	200~240	50/60	32/40	1450/1700	485/570	13.7/16.1	0.25/0.20	6.35/5.08	46	6/5
M254GAN22-4**	230	200~240	50/60	24/33	1200/1100	420/370	11.9/10.5	0.18/0.14	4.57/3.56	34	8/7
M254GAN22-1/2**	230	200~240	50/60	-1 95/105 -2 80/95	2800/3250 2400/2300	840/1000 738/708	23.8/28.3 20.9/20	0.78/0.60 0.33/0.27	19.81/15.24 8.38/6.86	70 63	2/1 4/3
M254GAN22-3/4**	230	200~240	50/60	-3 32/40 -4 24/33	1600/1500 1200/1100	560/500 420/370	15.9/14.2 11.9/10.5	0.25/0.20 0.18/0.14	6.35/5.08 4.57/3.56	46 34	6/5 8/7
M254GAN11/22-1**	115	100~120	50/60	95/105	2750/3250	840/1000	23.8/28.3	1.05/1.15	26.67/29.21	70	2/1
M254GAN8-1**	48	48~58	50/60	95/105	2800/3200	830/1000	23.5/28.3	0.78/0.60	19.81/15.24	70	2/1
M254GAN38-1**	380	380~420	50/60	95/105	2800/3250	840/1000	23.8/28.3	0.78/0.60	19.81/15.24	70	2/1
M254GAN44-1**	440	440~480	50/60	95/105	2800/3250	840/1000	23.8/28.3	0.78/0.60	19.81/15.24	70	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

Impeller: 7 blades, all metal

Bearing: Two ball bearings

Rotation: CCW seen on rotor

Connection: Wire lead or terminal flat pin connecting

Weight: 2,550 g (5.6Lbs)

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, F/G tachometer output

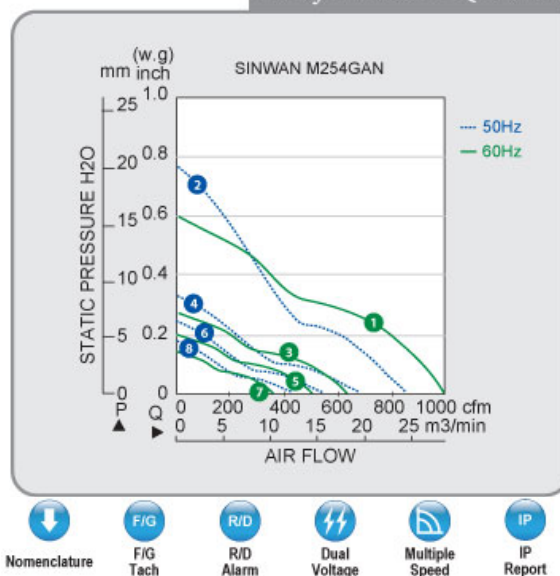
Environment

Operating Temp: Ambient non-condensing -30~+80C

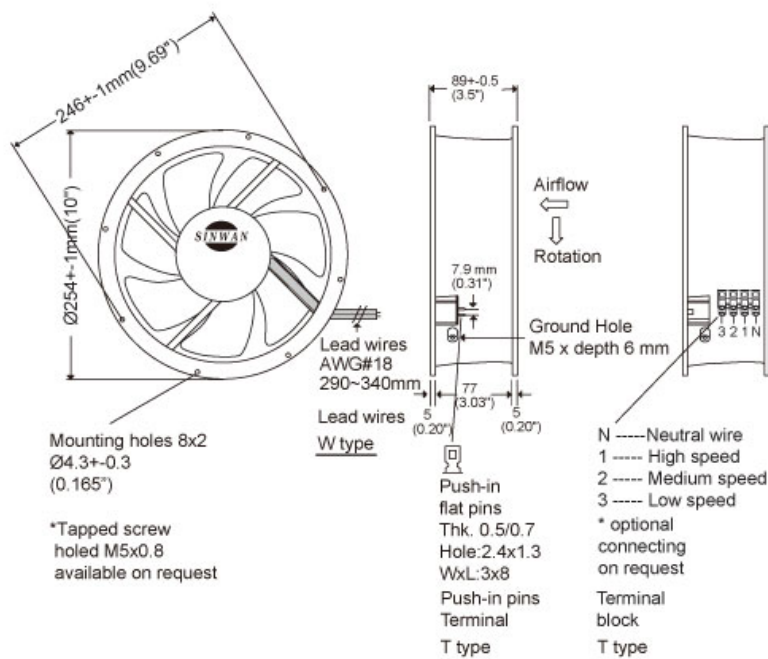
Storage Temp: -40C~+100C (at 65%RH)

Life Expectancy: L10 50K hours at 55C

Performance P-Q Curves



► Outline Dimensions



Relevant products



Metal Fan Guard

G254-9D, G254-9DU