



-AC- M225GAN (HR)



225x240x80mm/8.9x9.5x3.1inch
620 CFM

Sinwan Metal Impeller

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
M225GAN11-1**	115	100~120	50/60	60/80	2700/3100	540/620	15.3/17.6	0.8/0.74	20.32/18.8	66	2/1
M225GAN11-2**	115	100~120	50/60	55/65	2300/2250	460/450	13/12.7	0.68/0.52	17.27/13.21	54	4/3
M225GAN11-3**	115	100~120	50/60	20/30	1550/1650	310/330	8.8/9.3	0.38/0.31	9.65/7.87	48	6/5
M225GAN11-4**	115	100~120	50/60	18/25	1200/1100	240/220	6.8/6.2	0.21/0.14	5.33/3.56	37	8/7
M225GAN11-1/2**	115	100~120	50/60	-1 60/80	2700/3100	540/620	15.3/17.6	0.8/0.74	20.32/18.8	66	2/1
(dual speed -1 & -2)				-2 55/65	2300/2200	460/450	13/12.7	0.68/0.52	17.27/13.21	54	4/3
M225GAN11-3/4**	115	100~120	50/60	-3 20/30	1550/1650	310/330	8.8/9.3	0.38/0.31	9.65/7.87	48	6/5
(dual speed -3 & -4)				-4 18/25	1200/1100	240/220	6.8/6.2	0.21/0.14	5.33/3.56	35	8/7
M225GAN22-1**	230	200~240	50/60	60/80	2650/3000	540/620	15.3/17.6	0.8/0.74	20.32/18.8	66	2/1
M225GAN22-2**	230	200~240	50/60	55/65	2300/2250	460/450	13/12.7	0.68/0.52	17.27/13.21	54	4/3
M225GAN22-3**	230	200~240	50/60	20/30	1550/1650	310/330	8.8/9.3	0.38/0.31	9.65/7.87	48	6/5
M225GAN22-4**	230	200~240	50/60	18/25	1200/1100	240/220	6.8/6.2	0.21/0.14	5.33/3.56	37	8/7
M225GAN22-1/2**	230	200~240	50/60	-1 60/80	2700/3100	540/620	15.3/17.6	0.8/0.74	20.32/18.8	66	2/1
(dual speed -1 & -2)				-2 55/65	2300/2200	460/450	13/12.7	0.68/0.52	17.27/13.21	54	4/3
M225GAN22-3/4**	230	200~240	50/60	-3 20/30	1550/1650	310/330	8.8/9.3	0.38/0.31	9.65/7.87	48	6/5
(dual speed -3 & -4)				-4 18/25	1200/1100	240/220	6.8/6.2	0.21/0.14	5.33/3.56	35	8/7
M225GAN8-1**	48	48~58	50/60	60/80	2700/3100	540/620	15.3/17.6	0.8/0.74	20.32/18.8	66	2/1
M225GAN44-1** (380)	380	380~440	50/60	60/80	2700/3100	540/620	15.3/17.6	0.8/0.74	20.32/18.8	66	2/1
M225GAN44-1** (440)	440	380~440	50/60	60/80	2700/3100	540/620	15.3/17.6	0.8/0.74	20.32/18.8	66	2/1

- ** = "WB" for Wire lead type, Ball bearing. "TB" for push-in Terminal pin type, Ball bearing or Terminal block connecting with 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, 1phase, Sinwan Motor MEA180G UL/CU approved E329400

Burnout Protection: Thermally protected

IP Protection: IP55, IP56, IP68

Mechanical

Frame: Aluminum die cast, natural color cosmetics

Impeller: 7 blades, all metal

Bearing: Two ball bearings

Rotation: CCW seen on rotor, air direction

Connection: Wire leads or terminal block pin connecting

Weight: 2180g

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: Tachometer F/G, motor slowing down alarm R/D output.

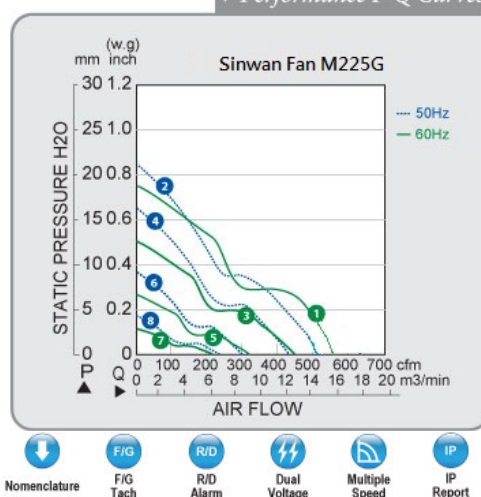
Environment

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

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

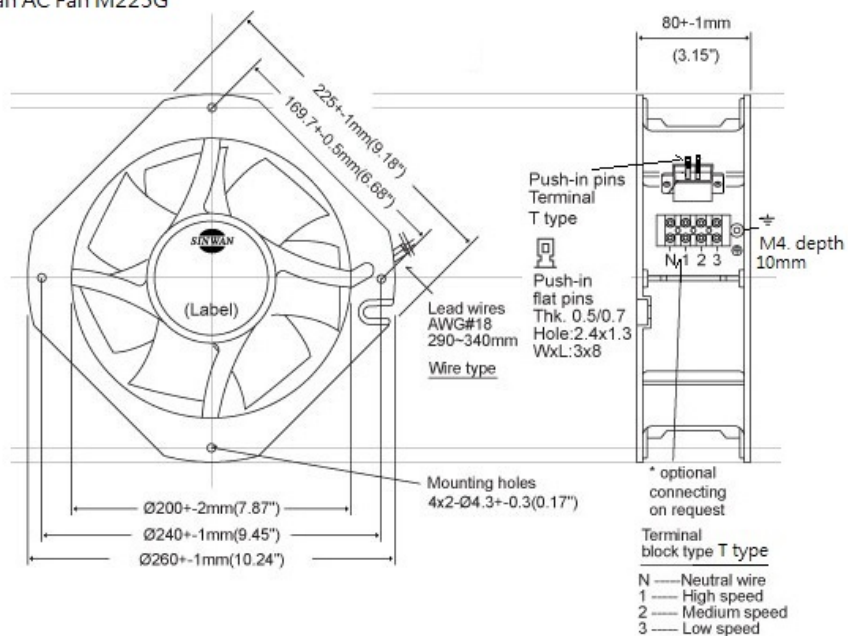
Life Expectancy: L10 45K hours at 55C

Performance P-Q Curves



► Outline Dimensions

Sinwan AC Fan M225G



Relevant products

