



·AC· M205RAN (HR)



205x205x72mm/8x2.8inch 590 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
M205RAN11-1**	115	100~120	50/60	60/80	2800/3000	520/590	14.7/16.7	0.91/0.86	23.11/21.84	67	2/1
M205RAN11-2**	115	100~120	50/60	55/65	2300/2250	460/458	13/13	0.69/0.52	17.53/13.21	58	4/3
M205RAN11-3**	115	100~120	50/60	20/30	1500/1650	310/330	8.8/9.3	0.38/0.29	9.65/7.37	48	6/5
M205RAN11-4**	115	100~120	50/60	18/25	1200/1300	240/260	6.8/7.4	0.21/0.15	5.33/3.81	35	8/7
M205RAN11-1/2** dual speed	115	100~120	50/60	60/80	2800/3000	520/590	14.7/16.7	0.91/0.86	23.11/21.84	67	2/1
M205RAN11-3/4** dual speed	115	100~120	50/60	55/65	2300/2250	460/458	13/13	0.69/0.52	17.53/13.21	58	4/3
M205RAN11-3/4** dual speed	115	100~120	50/60	20/30	1500/1600	310/330	8.8/9.3	0.38/0.29	9.65/7.37	48	6/5
M205RAN22-1**	230	200~240	50/60	18/25	1200/1100	240/220	6.8/6.2	0.21/0.14	5.33/3.56	35	7/8
M205RAN22-2**	230	200~240	50/60	60/80	2800/3000	520/590	14.7/16.7	0.91/0.86	23.11/21.84	67	2/1
M205RAN22-3**	230	200~240	50/60	55/65	2300/2250	460/458	13/13	0.69/0.52	17.53/13.21	58	4/3
M205RAN22-4**	230	200~240	50/60	20/30	1400/1600	310/330	8.8/9.3	0.38/0.29	9.65/7.37	48	6/5
M205RAN22-1/2** dual speed	230	200~240	50/60	18/25	1200/1300	240/260	6.8/7.4	0.21/0.15	5.33/3.81	35	8/7
M205RAN22-3/4** dual speed	230	200~240	50/60	60/80	2800/3000	520/590	14.7/16.7	0.91/0.86	23.11/21.84	68	2/1
M205RAN22-3/4** dual speed	230	200~240	50/60	55/65	2500/2550	460/472	13/13.4	0.72/0.55	18.29/13.97	58	4/3
M205RAN11/22-1** dual voltage	115	100~120	50/60	20/30	1500/1600	310/325	8.8/9.2	0.47/0.28	11.94/7.11	48	6/5
M205RAN8-1**	230	200~240	50/60	6.8/6.2	1200/1100	240/220	6.8/6.2	0.38/0.17	9.65/4.32	35	7/8
M205RAN44-1** (380)	115	100~120	50/60	60/80	2800/3000	520/590	14.7/16.7	0.75/0.86	19.05/21.84	67	2/1
M205RAN44-1** (440)	230	200~240	50/60	60/80	2800/3000	520/590	14.7/16.7	0.91/0.86	23.11/21.84	67	2/1
	440	380~440	50/60	60/80	2800/3000	520/590	14.7/16.7	0.91/0.86	23.11/21.84	67	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, 2/4 pole Sinwan Motor MEA180G UL/CUL approved

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: 2,350g

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

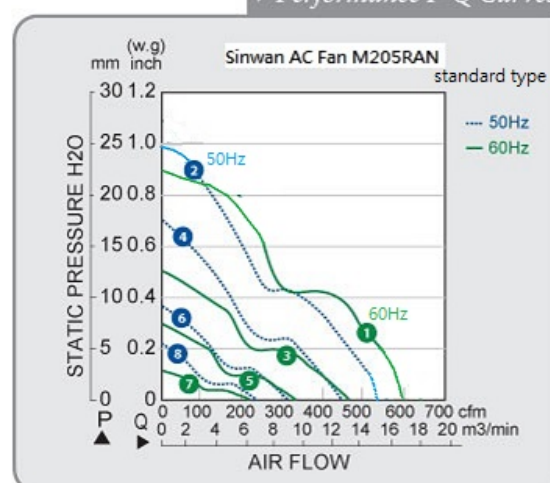
Environment

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

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

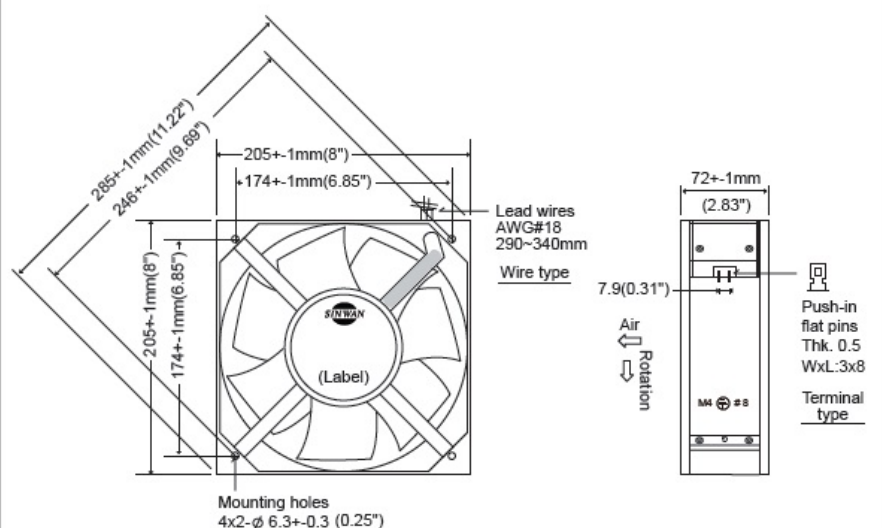
Life Expectancy: L10 50K hours at 55C

Performance P-Q Curves



Nomenclature
 F/G Tach
 R/D Alarm
 Dual Voltage
 Multiple Speed
 IP Report

► Outline Dimensions



Relevant products

