



·AC· M205RAP (68)



205x205x72mm/8x2.8inch 590 CFM

Sinwan IP68/IP69K AC Metal Impeller

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)	
M205RAP11-1** (68)	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
M205RAP11-2** (68)	115	100~120	50/60	55/65	2300/2250	460/458 13/13	0.69/0.52 17.53/13.21	58	4/3
M205RAP11-3** (68)	115	100~120	50/60	20/30	1400/1650	310/330 8.8/9.3	0.38/0.29 9.65/7.37	48	6/5
M205RAP11-4** (68)	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
M205RAP11-1/2** (68)	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
dual speed				55/65	2300/2250	460/458 13/13	0.69/0.52 17.53/13.21	58	4/3
M205RAP11-3/4** (68)	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
dual speed				18/25	1200/1100	240/220 6.8/6.2	0.21/0.14 5.33/3.56	35	8/7
M205RAP22-1** (68)	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
M205RAP22-2** (68)	230	200~240	50/60	55/65	2300/2250	460/458 13/13	0.69/0.52 17.53/13.21	58	4/3
M205RAP22-3** (68)	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
M205RAP22-4** (68)	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
M205RAP22-1/2** (68)	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
dual speed				55/65	2500/2550	460/472 13/13.4	0.72/0.55 18.29/13.97	58	4/3
M205RAP22-3/4** (68)	230	200~240	50/60	20/30	1500/1600	310/325 8.8/9.2	0.47/0.28 11.94/7.11	48	6/5
dual speed				18/25	1200/1100	240/220 6.8/6.2	0.38/0.17 9.65/4.32	35	8/7
M205RAP11/22-1** (68)	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
dual voltage	230	200~240							
M205RAP8-1** (68)	48	48~58	50/60	60/80	2800/3000	520/590 14.7/16.7	0.75/0.86 19.05/21.84	67	2/1
M205RAP44-1** (380)(68)	380	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
M205RAP44-1** (68)	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

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: 2,350g

Electronical

Dielectric Strength: Over 1 min. at 1,500 VAC, 50/60 Hz

Insulation Resistance: Over 100 MΩ at DC 500V

Signal Output: Optional: R/D alarm output, F/G Tachometer output

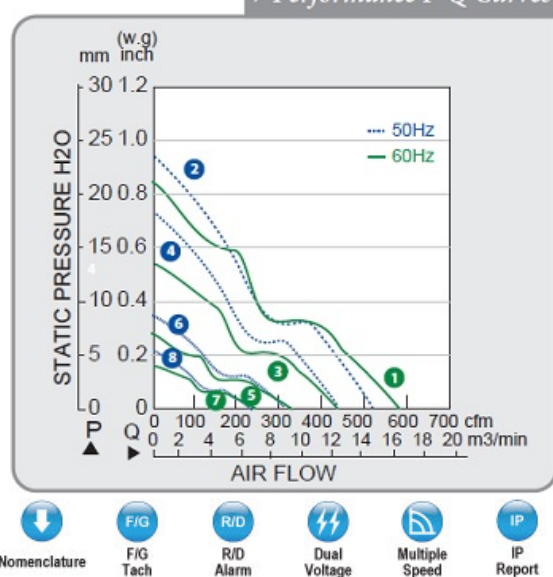
Environment

Operating Temp: -30~+80C

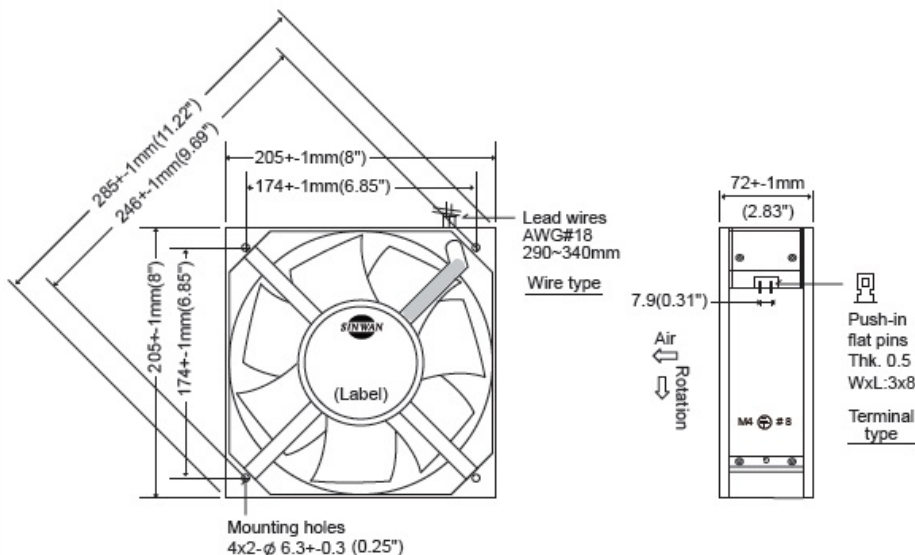
Storage Temp: -40C~+100C

Life Expectancy: L10 50K hours at 55C

Performance P-Q Curves



► Outline Dimensions



Relevant products

