



E89520 fans
E329400 motors

Language

ENGLISH

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·AC· MCA624SP



Φ60xL.240x328x90mm 145~90 CFM, AC Crossflow fan

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)	
MCA624SP11-1** (****#)	115	100~120	50/60	64/57	2500/2550	140/145	4/4.1	0.19/0.27	4.83/6.86	47	2/1
MCA624SP11-2** (****#)	115	100~120	50/60	47/43	2000/2100	110/120	3.1/3.4	0.12/0.19	3.05/4.83	39	4/3
MCA624SP11-3** (****#)	115	100~120	50/60	38/33	1700/1800	90/100	2.5/2.8	0.10/0.14	2.54/3.56	31	6/5
MCA624SP22-1** (****#)	230	200~240	50/60	64/57	2500/2700	140/145	4/4.1	0.19/0.27	4.83/6.86	47	2/1
MCA624SP22-2** (****#)	230	200~240	50/60	47/43	2000/2100	110/120	3.1/3.4	0.12/0.19	3.05/4.83	39	4/3
MCA624SP22-3** (****#)	230	200~240	50/60	38/33	1700/1800	90/100	2.5/2.8	0.10/0.14	2.54/3.56	31	6/5

• ** = "WB" for wire lead type Ball bearing, or "TB" for terminal block type Ball bearing

• (****#) = (RENON),(LESGN),(RESG F/G),

1st* = R, L, C - Motor position

2nd* = E, V, Q, H - Air outlet direction

3rd* = S, N - Shield Guard for motor

4th* = G, O - Grill Guard for Impeller

= R/D, F/G, S/C, P/W, S/V, N - Motor Function, N = none, normal motor

Please click Nomenclature to have full & clear model No.

• 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: Shaded pole, outer rotor, 2 pole, single phase, Sinwan Motor MEA172EAN

Burnout Protection: Thermally protected, UL/CUL PRGY2/8, E329400

IP Protection:

Mechanical

Frame: Steel alloy sheet housing & frame, coating black or galvanized

Impeller: Aluminum alloy fan blades

Bearing: Permanently lubricated ball bearings for motor and bracket

Rotation: CW motor at right (R), CCW at left (L), seen from air outlet

Connection: Wire leads or terminal block connecting for choice

Weight: 1230Gm (2.71Lbs)

Electronical

Dielectric Strength: Over 1 min. at 1,500VAC, 0.5mA, 50/60 Hz

Insulation Resistance: Over 100 MΩ at DC 500V

Signal Output: Optional:R/D alarm output, tachometer output

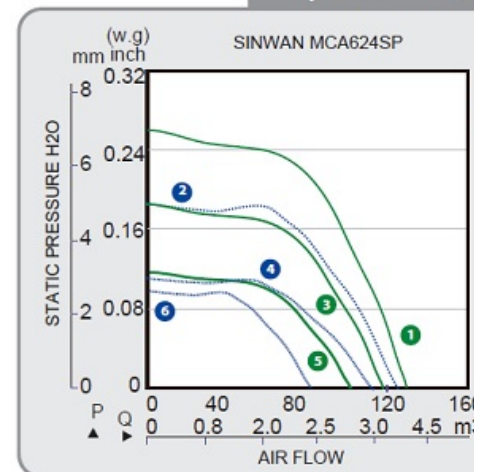
Environment

Operating Temp: Acceptable -25°C~+65°C

Storage Temp: -30°C~+100°C (65%RH)

Life Expectancy: 40K hours at 45°C, 25K hours at 65°C

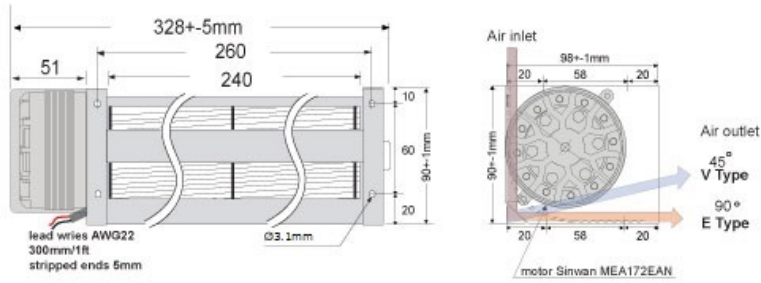
Performance P-Q



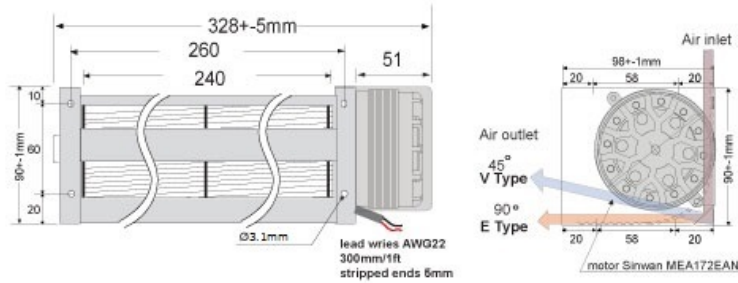
Nomenclature
 FIG Tach
 R/D Alarm
 Dual Voltage
 Multiple Speed

▶ Outline Dimensions

L Type



R Type



Relevant products



Motor
Sinwan Motor MEA172EAN



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