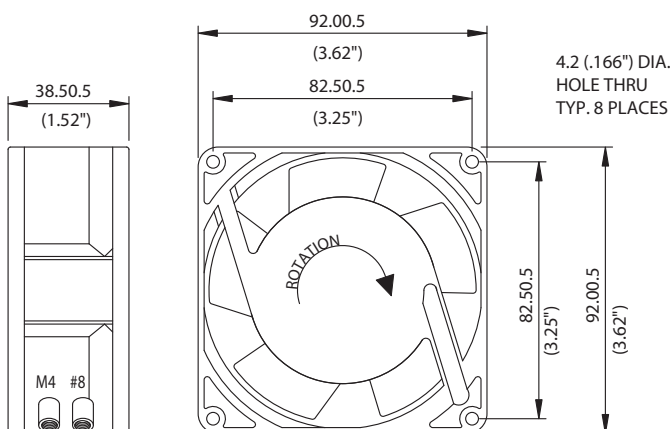


OA938 Series



AC Fan - 115V, 230V, Dual Voltage
92 x 38mm(3.62" x 1.5")



Frame	Diecast Aluminum	<u>Operating Temperature</u> Ball Bearing -20C ~ +80C Sleeve Bearing -10C ~ +50C
Impeller	PBT, UL94V-O plastic	
Connection	2x Lead Wires 22 AWG or terminals	
Motor	Shaded pole, impedance protected	<u>Life Expectancy</u> Ball Bearing 60,000 hours (L10 at 40C) Sleeve Bearing 30,000 hours (L10 at 40C)
Bearing System	Dual ball or Sleeve	<u>Dual Voltage</u> Connection via 4x leads. Fans can be configured for 115V or 230V operation.
Insulation Resistance	>100M ohm between lead-wire and frame (500VDC)	
Dielectric Strength	1 min at 1500 VAC, 50/60Hz	

The graph shows Static Pressure (inches of water) on the y-axis (0.00 to 0.25) versus Airflow (CFM) on the x-axis (0 to 50). Three curves represent different fan configurations: a top curve (likely sleeve bearing), a middle curve (likely ball bearing), and a bottom curve (likely dual ball or sleeve). All curves show a decrease in static pressure as airflow increases.

Airflow (CFM)	Static Pressure (inches H2O) - Top Curve	Static Pressure (inches H2O) - Middle Curve	Static Pressure (inches H2O) - Bottom Curve
0	0.22	0.17	0.09
10	0.18	0.13	0.06
20	0.14	0.10	0.03
30	0.12	0.07	0.00
40	0.08	0.04	-
50	0.00	0.00	-

Model Number	Speed (RPM)	Airflow (CFM)	Noise (dB)	Volts AC	Voltage Range	Watts	Max. Static Pressure (\"H2O)
OA938AP-11-1*	3100	50	32	115	80~130	9	.22
OA938AP-11-2*	2400	39	23	115	80~130	5	.17
OA938AP-11-3*	1800	26	19	115	80~130	3	.10
OA938AP-22-1*	3100	50	32	230	160~260	9	.22
OA938AP-22-2*	2400	39	23	230	160~260	5	.17
OA938AP-22-3*	1800	26	19	230	160~260	3	.10
OA938AP-11/22-1W**	3100	50	32	115/230	80~260	9	.22
OA938AP-11/22-2W**	2400	39	23	115/230	80~260	5	.17
OA938AP-11/22-3W**	1800	26	19	115/230	80~260	3	.10

* Indicate "TB" (Terminal Ball Bearing), "WB" (12" Wire Leads, Ball Bearing), "TS" (Terminal, Sleeve Bearing), "WS" (12" Wire Leads, Sleeve Bearing)
** Indicate "B" (Ball Bearing) or "S" (Sleeve Bearing)

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