

OA109 Series



120 x 120 x 38mm
(4.7"x 4.7" x 1.5")

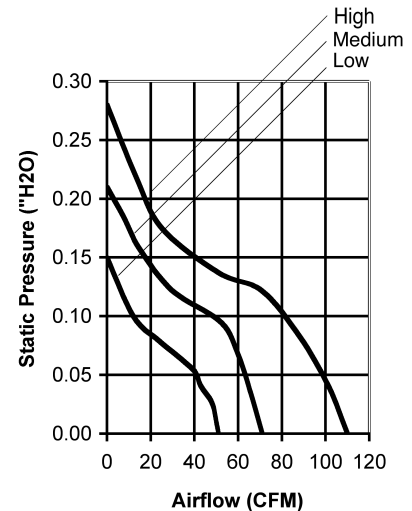


FRAME
Diecast Aluminum

IMPELLER
PBT, UL94V-0 Thermoplastic

POWER CONNECTION
2x lead wires 300mm (12")
or terminals

Finger Guard: G109-15A
Plastic Guard: G120P
Aluminum Filter: WMG120M
Filter Kit: GRM120-30, GRM120-45



MODEL NUMBER	SPEED (RPM)	AIRFLOW (CFM)	NOISE (dB)	VOLTS AC	VOLTAGE RANGE	WATTS	MAX. STATIC PRESSURE (H ₂ O)
OA109AP-11-1*	3000	110	37	115	80~130	15	.28
OA109AP-11-2*	2300	71	30	115	80~130	11	.24
OA109AP-11-3*	1600	51	25	115	80~130	8	.15
OA109AP-22-1*	3000	110	37	230	160~260	15	.28
OA109AP-22-2*	2300	71	30	230	160~260	11	.24
OA109AP-22-3*	1600	51	25	230	160~260	8	.15

Dual Voltage 115/230VAC

OA109AP-11/22-1W**	3000	110	37	115/230	80~260	15	.28
OA109AP-11/22-2W**	2300	71	30	115/230	80~260	11	.24
OA109AP-11/22-3W**	1600	51	25	115/230	80~260	8	.15

* 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)

MOTOR

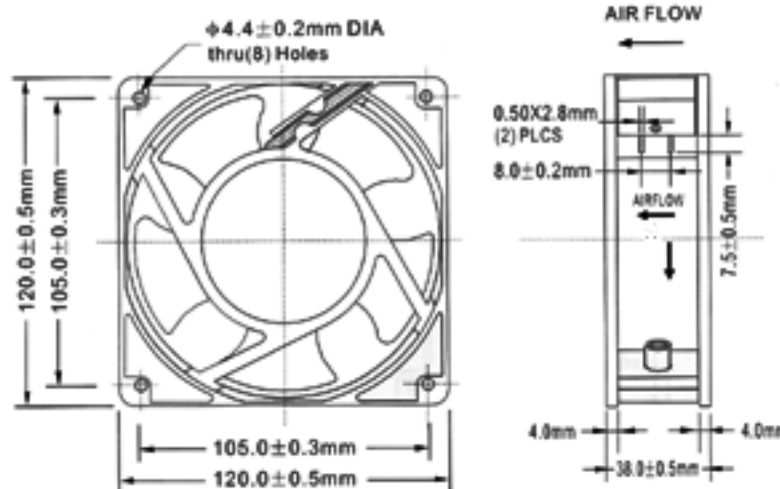
Shaded pole, Impedance and polarity protected

DIELECTRIC STRENGTH

1 minute @ 1500VAC, 50/60Hz

LIFE EXPECTANCY

Ball Bearing
60,000 hours (L10 at 40C)
Sleeve Bearing
30,000 hours (L10 at 40C)



OPERATING TEMPERATURE

Ball Bearing
-20C ~ +80C
Sleeve Bearing
-10C ~ +50C

Drawing for dimensional reference only. Terminal type shown.