

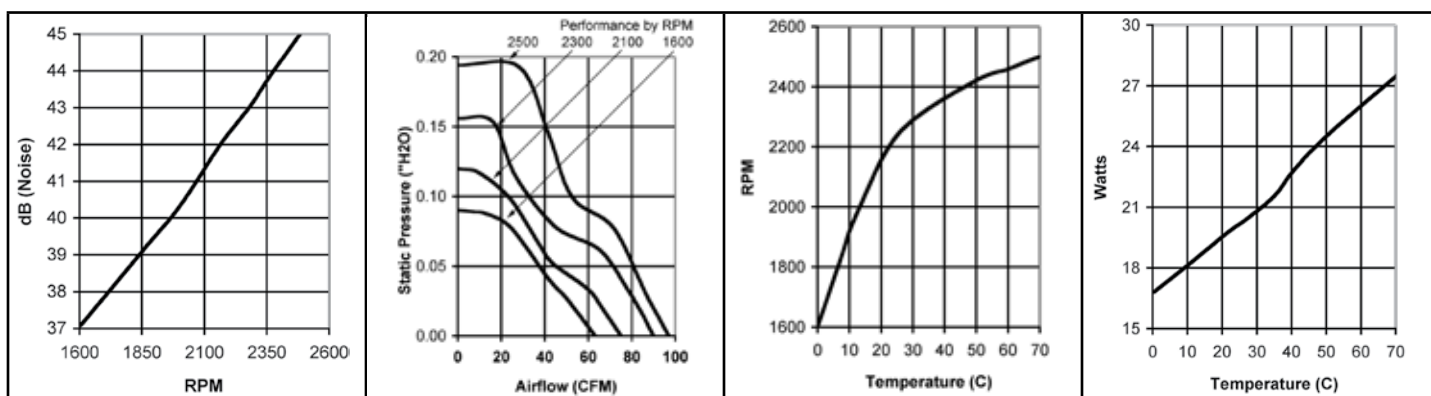
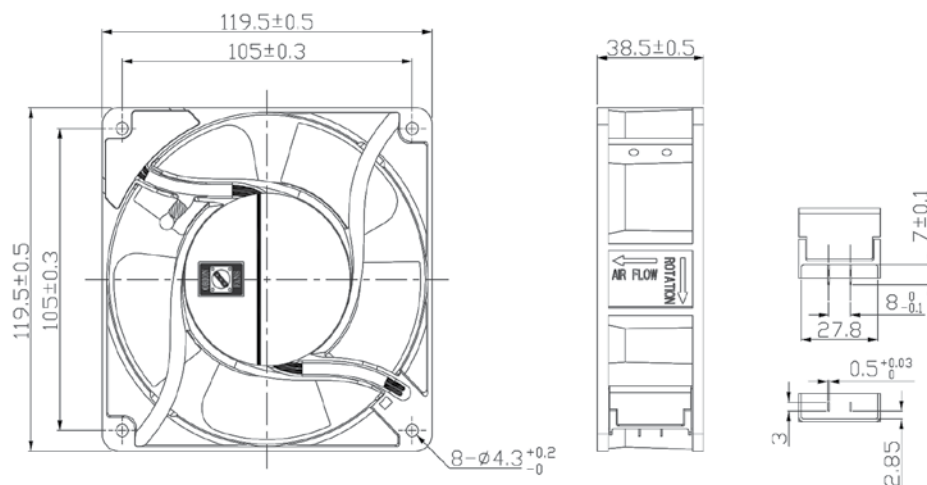
# Temperature Control Series



## AC Smart Fan 120x38mm (4.7"x 1.5")



Thermally controlled AC fans  
Up to 30% power savings  
63 ~ 97 CFM (1600RPM @25C ~ 2500 RPM @45C)  
Fan automatically senses its environment and increases its CFM as the ambient temperature rises. As the temperature falls fan speed decreases.



Model Number	OA109AP-11-1TB03	OA109AP-22-1TB03
Part Number	210315031	210615031
Frame	Aluminum Alloy	Aluminum Alloy
Impeller	PBT, UL94V-0	PBT, UL94V-0
Connection	Terminal	Terminal
Motor	AC shaded pole, Impedance protected	AC shaded pole, Impedance protected
Bearing System	Dual Ball	Dual Ball
Insulation Resistance	>100M ohm between lead wire and frame (500VDC)	>100M ohm between lead wire and frame (500VDC)
Dielectric Strength	1 min at 1500VAC, 50.60Hz	1 min at 1500VAC, 50.60Hz
Nominal Voltage	115 VAC	230 VAC
Nominal Current (0C ~ 70C)	0.20 ~ 0.25 A	0.07 ~ 0.12 A
Input Power (0c ~ 70C)	16 ~ 27.6 W	8 ~ 19.5 W
Rated Speed (RPM) (0C ~ 70C)	1600 ~ 2500	1600 ~ 2500
Airflow (CFM)	63 ~ 97	63 ~ 97
Noise (dB)	37 ~ 45	37 ~ 45
Operating Temperature	-10C ~ +70C	-10C ~ +70C
Life Expectancy	60,000 hours L10 @ 40C	60,000 hours L10 @ 40C



# Mouser Electronics

Authorized Distributor

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Orion Fans:

[OA109AP-11-1TB03](#) [OA109AP-22-1TB03](#)