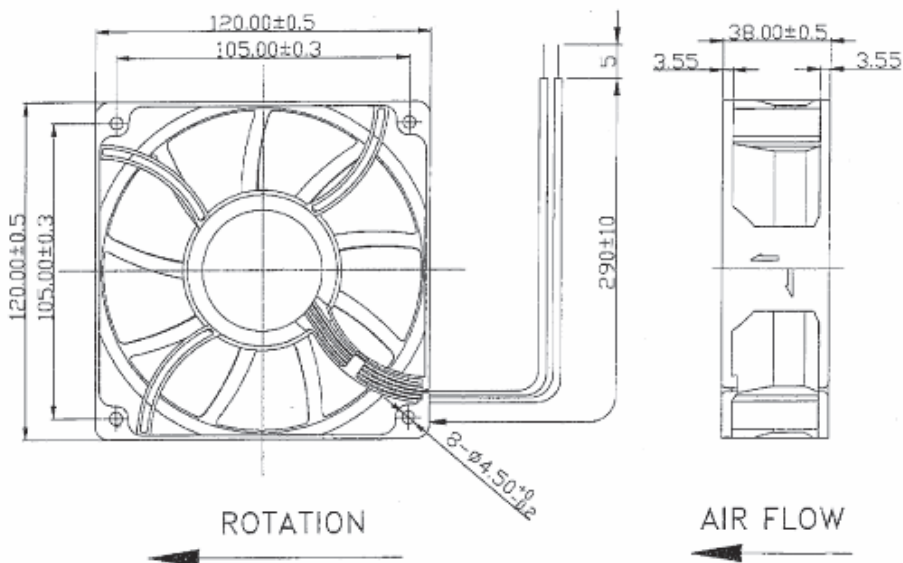


ORION
FANS



Frame & Impeller	PBT, UL94V-0 plastic	Available Options: Tachometer Alarm Thermal Speed Control PWM IP55 <u>Life Expectancy (L10)</u> 65,000 hours (45C) Weight: ~0.74 lbs m1
Connection	2x Lead wires 24AWG	
Motor	Brushless DC, auto restart, polarity protected	
Bearing System	Dual ball bearing	
Insulation Resistance	10M ohm between leadwire and frame (500VDC)	
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp	
Temperature Range	-20C ~ +75C	
Storage Temperature	-40C ~ +80C	

The graph plots Static Pressure (inches of water) on the y-axis (0.00 to 0.75) against Airflow (CFM) on the x-axis (0 to 240). Five curves are shown, labeled HH, H, M, L, and LL from top to bottom. All curves show a decrease in static pressure as airflow increases. The HH curve starts at approximately 0.75 inches of water at 0 CFM and drops to 0 at about 120 CFM. The LL curve starts at approximately 0.30 inches of water at 0 CFM and drops to 0 at about 180 CFM.

Airflow (CFM)	HH (in. H ₂ O)	H (in. H ₂ O)	M (in. H ₂ O)	L (in. H ₂ O)	LL (in. H ₂ O)
0	0.75	0.60	0.45	0.30	0.30
40	0.55	0.45	0.35	0.25	0.20
80	0.40	0.35	0.25	0.18	0.15
120	0.25	0.22	0.18	0.12	0.10
160	-	0.15	0.12	0.08	0.05
200	-	0.08	0.05	0.02	0.00

Model Number	Speed (RPM)	Airflow (CFM)	Noise (dB)	Volts DC	Input Power (Watts)	Amps	Max. Static Pressure ("H ₂ O)
OD1238-12HB-XC	4300	200	61	12	23	1.95	0.64
OD1238-12MB-XC	3800	175	57	12	18	1.50	0.51
OD1238-12LB-XC	3200	150	52	12	10	0.87	0.38
OD1238-24HB-XC	4300	200	61	24	19	0.98	0.64
OD1238-24MB-XC	3800	175	57	24	16	0.68	0.51
OD1238-24LB-XC	3200	150	52	24	9	0.42	0.38
OD1238-24LLB-XC	2800	130	48	24	7	0.30	0.29
OD1238-48HHB-XC	4700	220	63	48	32	0.68	0.75
OD1238-48HB-XC	4300	200	61	48	25	0.52	0.64
OD1238-48MB-XC	3800	175	57	48	17	0.36	0.51
OD1238-48LB-XC	3200	150	52	48	11	0.22	0.38
OD1238-48LLB-XC	2800	130	48	48	9	0.18	0.29