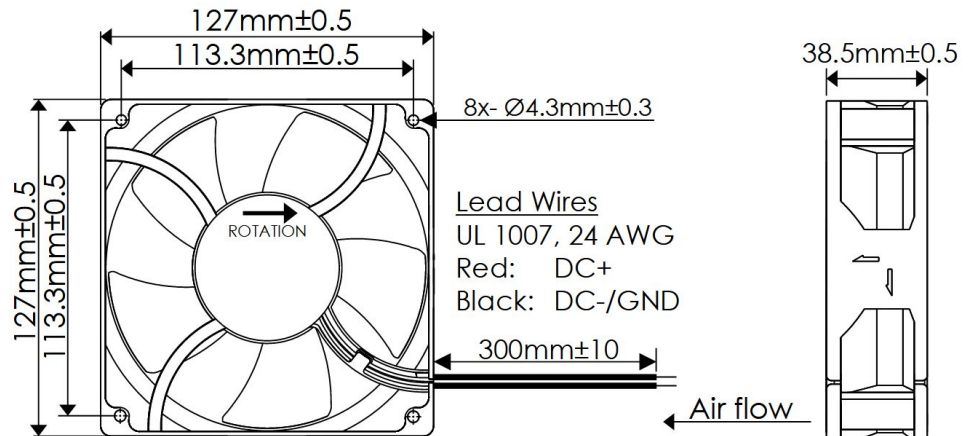


OD127 Series



DC Fans - 12, 24, 48V
127mm x 38.5mm (5.0" x 1.5")



Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -10°C ~ +70°C <u>Storage Temperature</u> -40°C ~ +70°C <u>Life Expectancy</u> 70,000 Hours (L10 at 40°C) <u>Available Options</u> PWM Speed Control Input Tachometer Output Alarm Output Thermistor Speed Control IP Ratings Weight: 0.82 lbs
Impeller	PBT, UL94 V-0 Plastic	
Connection	2x Lead Wires, 24 AWG	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected	
Bearing System	Ball Bearings	
Dielectric Strength	500VDC/min, <1mA	
Insulation Resistance	≥10MΩ @ 500 VDC	

The graph plots Static Pressure in inches of water (H₂O) on the y-axis (0 to 0.55) against Airflow in cubic feet per minute (CFM) on the x-axis (0 to 175). Three performance curves are shown: HH (highest pressure), H (middle pressure), and M (lowest pressure). Dashed lines connect the curves at 70 CFM and 105 CFM.

Airflow (CFM)	Static Pressure (H ₂ O) - HH	Static Pressure (H ₂ O) - H	Static Pressure (H ₂ O) - M
0	0.48	0.36	0.25
35	0.38	0.28	0.18
70	0.28	0.20	0.12
105	0.18	0.12	0.06
140	0.08	0.04	0.02
175	0.00	0.00	0.00

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
OD127-12HHB	12	10 ~ 13.8	14.64	1.22	3490	173	59	0.51
OD127-12HB	12	10 ~ 13.8	9.12	0.76	2925	144	54	0.37
OD127-12MB	12	10 ~ 13.8	5.76	0.48	2485	122	49	0.27
OD127-24HHB	24	21 ~ 26.4	14.64	0.61	3490	173	59	0.51
OD127-24HB	24	21 ~ 26.4	9.84	0.41	2925	144	54	0.37
OD127-24MB	24	21 ~ 26.4	6.24	0.26	2485	122	49	0.27
OD127-48HHB	48	44 ~ 52.8	16.32	0.34	3490	173	59	0.51
OD127-48HB	48	44 ~ 52.8	11.04	0.23	2925	144	54	0.37
OD127-48MB	48	44 ~ 52.8	8.16	0.17	2485	122	49	0.27