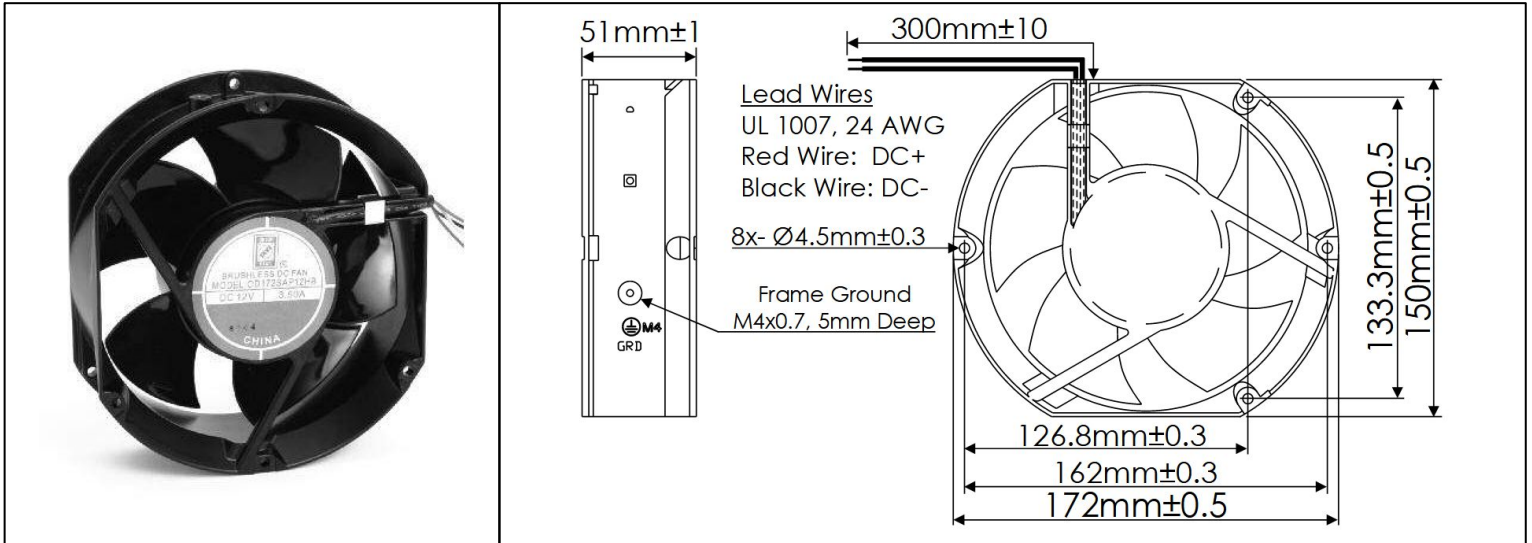


OD172SAP XC Series



DC Fans - 12, 24, 48V
172mm x 150mm x 51mm
(6.8" x 5.9" x 2.0")



Frame	Die Cast Aluminum, Black Finish	<u>Operating Temperature</u> -20°C ~ +7°C <u>Storage Temperature</u> -40°C ~ +80°C <u>Life Expectancy</u> 65,000 Hours (L10 at 45°C) <u>Available Options</u> PWM Speed Control Input Tachometer Output Alarm Output Other Speeds Weight: 1.63 lbs.
Impeller	PBT, UL94 V-2 Plastic	
Connection	2x Lead Wires, 24 AWG	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected	
Bearing System	Dual Ball Bearings	
Dielectric Strength	500VDC/min, <1mA	
Insulation Resistance	≥10MΩ @ 500V DC	

The graph plots Static Pressure (\"H2O) on the y-axis (0.00 to 1.60) against Airflow (CFM) on the x-axis (0 to 350). Three performance curves are shown: 12H (top), 24H & 48H (middle), and 12M (bottom). All curves show a decrease in static pressure as airflow increases, with a slight change in slope around 150 CFM.

Airflow (CFM)	12H Static Pressure (\"H2O)	24H & 48H Static Pressure (\"H2O)	12M Static Pressure (\"H2O)
0	1.60	1.15	0.95
50	1.25	0.80	0.65
100	1.00	0.60	0.45
150	0.80	0.50	0.35
200	0.65	0.40	0.25
250	0.50	0.30	0.15
300	0.35	0.20	0.05

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Rated Power (Watts)(Max)	Rated Current (Amps)(Max)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure (\"H ₂ O)
OD172SAP-12HBXC	12	11 ~ 13.8	42.0 (50.4)	3.50 (4.20)	3900	277	62	1.14
OD172SAP-12MBXC	12	11 ~ 13.8	28.8 (34.6)	2.40 (2.88)	3400	232	59	0.92
OD172SAP-24HBXC	24	22 ~ 26.0	55.2 (66.3)	2.30 (2.76)	4500	307	67	1.60
OD172SAP-48HBXC	48	40 ~ 52.0	43.2 (57.6)	0.90 (1.20)	4500	307	67	1.60