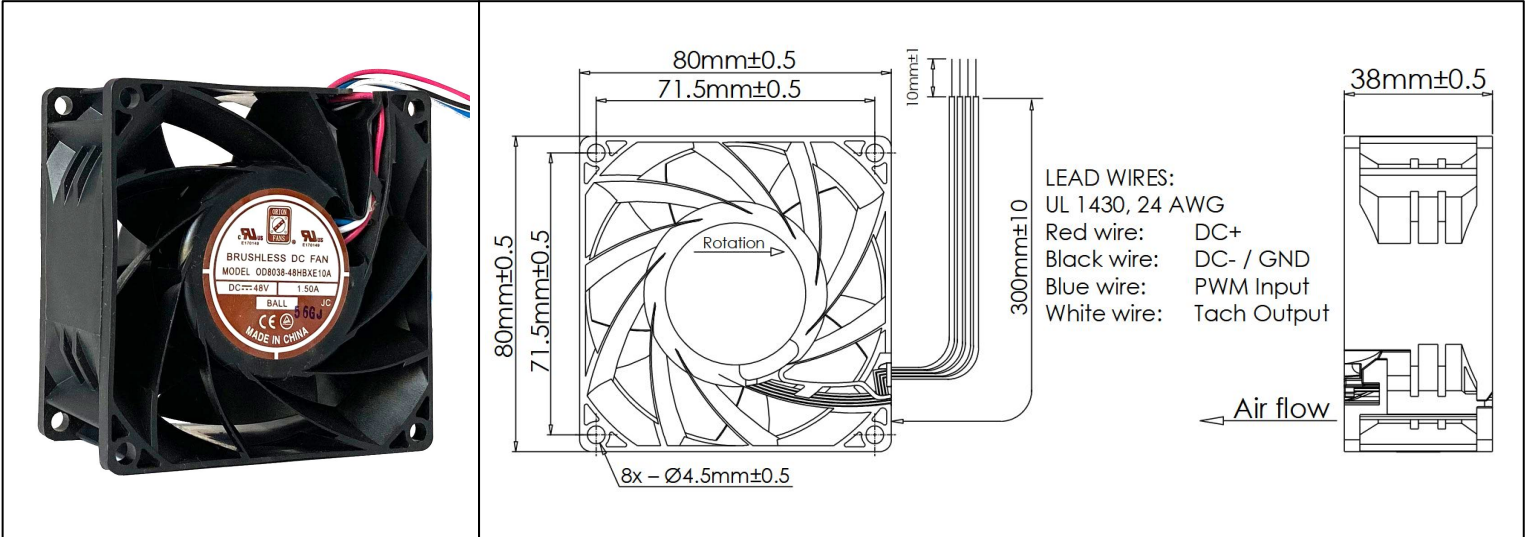


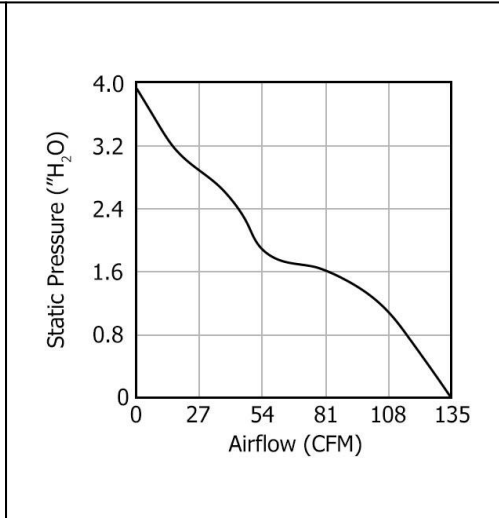
OD8038-XE Series



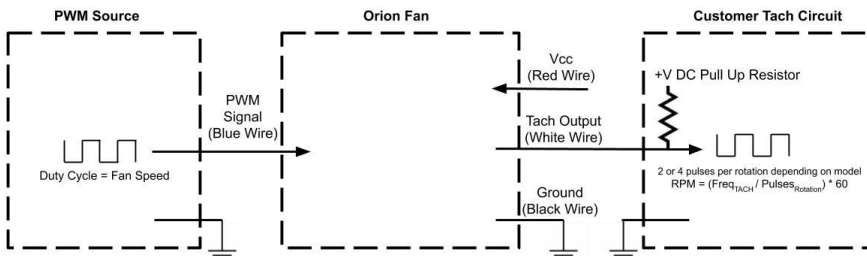
DC Fans, 12V, 24V and 48V
80mm x 38mm (3.15"x1.49")



Frame	PBT UL94 V-0 Plastic	Operating Temperature -10°C ~ +70°C Storage Temperature -40°C ~ +70°C Life Expectancy 70,000 hours (L10 at 40°C) Installed Options PWM Speed Control Input Tachometer Output Weight: 0.48 lbs m1
Impeller	PBT UL94 V-0 Plastic	
Connection	4x Wire Leads, 24 AWG	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	
Bearing System	Dual Ball Bearings	
Dielectric Strength	500VAC/min < 1mA	
Insulation Resistance	≥10M Ohm @500 VDC	



Part Number	Rated Voltage	Voltage Range	Input Power	Rated Current	Rated Speed (RPM)	Airflow (CFM)	Noise Level (dB)	Max. Static Pressure
OD8038-12HBXE10A	12 VDC	11 ~ 13.8	49.20 W	4.1 A	13250	135	74	3.9" H ₂ O
OD8038-24HBXE10A	24 VDC	22 ~ 25	45.12 W	1.88 A	13250	135	74	3.9" H ₂ O
OD8025-48HBXE10A	48 VDC	45 ~ 50	54.72 W	1.5 A	13250	135	74	3.9" H ₂ O



Tach Max Pullup Voltage: 15V
 Tach Max Sink Current: 5mA
 Tach Pulses Per Rotation: 2
 PWM High Voltage Max: ≤5V
 PWM Max Sink Current: 5mA
 PWM Frequency Range: 18KHz-30KHz
 PWM Typical Frequency: 25KHz
 PWM Minimum Duty Cycle for fan startup: 30%
 RPM at 0% Duty Cycle: 0 RPM
 RPM will be full speed if PWM input is disconnected.