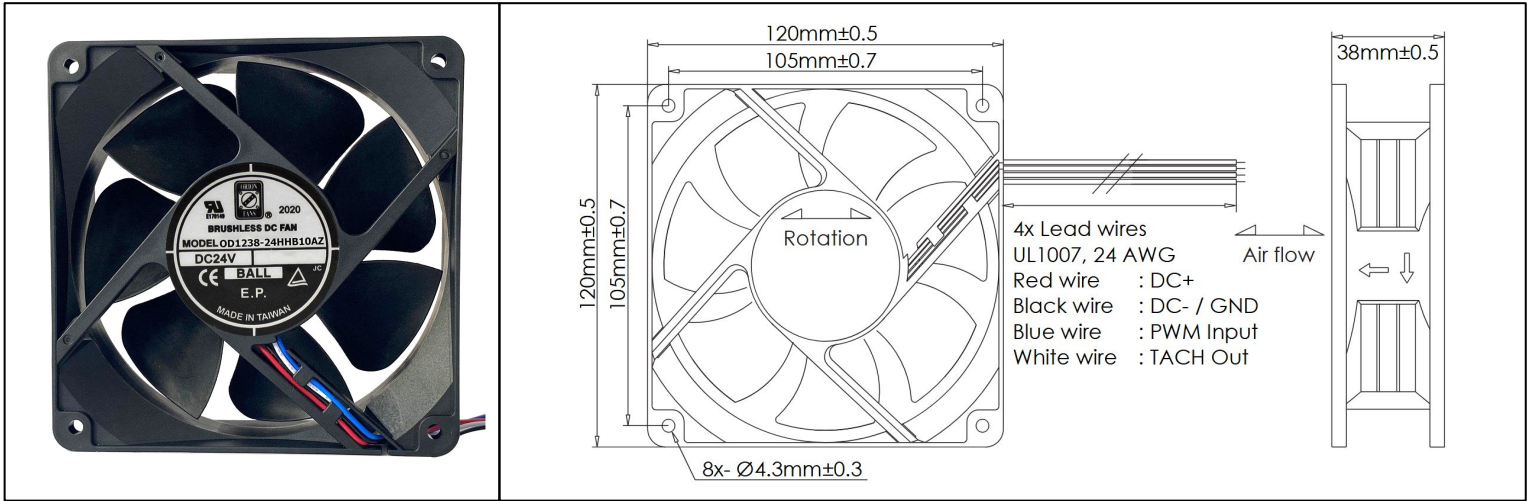


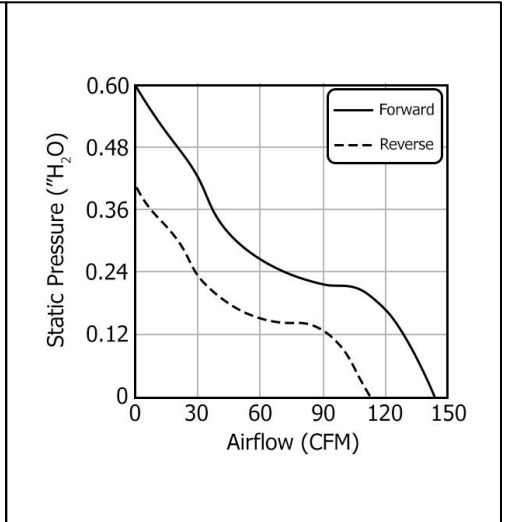
OD1238 - Reversible Flow



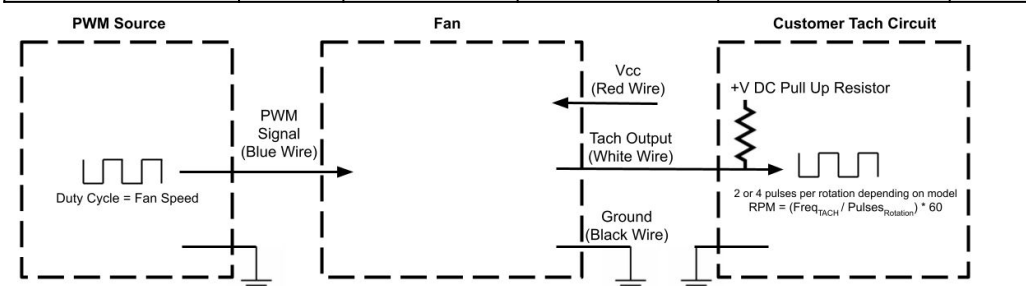
DC Fan, 12, 24, 48V
120x120x38mm (4.7" x 4.7" x 1.5")



Frame	PBT, UL94 V-0 plastic	Operating Temperature -15°C ~ +65°C Storage Temperature -25°C ~ +80°C Life Expectancy 70,000 hours (L10 at 40°C) Included Options PWM Speed Control Tachometer Output Weight: 0.69 lbs m0
Impeller	PBT, UL94 V-0 plastic	
Connection	4x Lead wires, 24 AWG	
Motor	Brushless DC, Auto Restart, Polarity Protected, Electronically Protected	
Bearing System	Dual Ball Bearings	
Dielectric Strength	500 VAC/min < 1mA	
Insulation Resistance	10M ohm between lead wires and frame (500 VDC)	



Part Number	Rated Voltage	Input Power	Rated Current Forward/Reverse	Rated Speed (RPM) Forward/Reverse	Airflow (CFM) Forward/Reverse	Noise Level (dB)	Max. Static Pressure ("H ₂ O) Forward / Reverse
OD1238-12HHB10AZ	12 VDC	8.2 W	0.7 A	3590	146 / 115	50	0.6 / 0.4
OD1238-24HHB10AZ	24 VDC	8.2 W	0.45 A	3590	146 / 115	50	0.6 / 0.4
OD1238-48HHB10AZ	48 VDC	8.2 W	0.2 A	3590	146 / 115	50	0.6 / 0.4



Tach Max Pullup Voltage: Fan Model +Vcc
 Tach Max Current: 5mA
 Tach Low Voltage: ≤0.5 V
 Tach Pulses per rotation: 2
 PWM Input Voltage Max: ≤5V
 PWM Input Max Sink Current: 5mA
 PWM Frequency Range: 18KHz-30KHz
 PWM Typical Frequency: 25KHz
 RPM will be full speed if PWM input is disconnected.

Air flow Direction	Toward Label (FWD)	Toward Label (FWD)	Toward Label (FWD)	Toward Label (FWD)	Toward Label (FWD)	Reverse	Reverse	Reverse	Reverse	Reverse	
PWM Duty Cycle	0%	10%	20%	30%	40%	46-55%	60%	70%	80%	90%	100%
Speed (RPM) ±10%	3580	3275	2450	1650	875	0	825	1550	2350	3150	3600