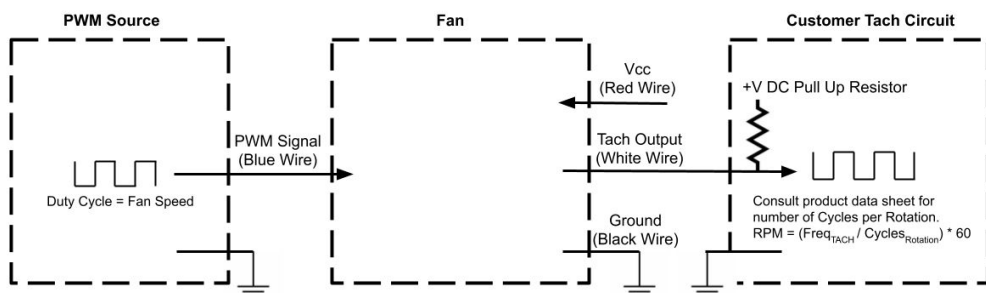


Frame	Die Cast Aluminum	<u>Operating Temperature</u> -10°C ~ +60°C
Impeller	PA66, UL94 V-0 Plastic	<u>Storage Temperature</u> -40°C ~ +75°C
Connection	4x Lead Wires, 22 AWG	<u>Life Expectancy</u> 50,000 Hours (L10 at 25°C)
Motor	Brushless DC, Electronically Protected, Polarity Protected	<u>Installed Options</u> PWM Speed Control Input Open Collector Tach Output
Bearing System	Ball Bearings	<u>Available Options</u> Alarm Output Other Speeds Available
Dielectric Strength	500VDC/min, <1mA	<u>Recommended Accessory</u> DR22025D Intake Duct Ring
Insulation Resistance	≥10MΩ @ 500 VDC	Weight: 3.09 lbs

The graph plots Static Pressure (H₂O) on the y-axis (0 to 2.5) against Airflow (CFM) on the x-axis (0 to 700). Two curves are shown: a solid line for the 24V model and a dashed line for the 48V model. Both curves show a decrease in static pressure as airflow increases. The 48V model maintains higher static pressure across the entire airflow range compared to the 24V model.

Airflow (CFM)	Static Pressure (H ₂ O) - 24V	Static Pressure (H ₂ O) - 48V
0	2.2	2.3
100	2.0	2.1
200	1.7	1.8
300	1.3	1.4
400	0.9	1.0
500	0.5	0.6
600	0.0	0.2

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)
ODB22071-24HB10A	24	12 ~ 26.4	105.6	4.4	2800	580	68	2.10
ODB22071-48HB10A	48	24 ~ 52.0	129.6	2.7	3000	621	69	2.26



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