

DC Series
Tubeaxial
Cooling Fans
Model No. D24T08

2.36" Sq. x 0.79" (60 mm Sq. x 20 mm) 13-16 CFM (6.1-7.6 L/Sec.)



Features

• 7-blade impeller design provides:

Reduced noise

Improved performance

High efficiency

• Solid-state brushless motor design provides:

Auto restart

Low input power

Lower operating voltages

• Precision ball bearing system provides:

Longer life

Higher temperature extremes

Lower noise over time

Maximum shock and vibration resistance

 Designed to meet the rigid standards of UL, CSA, VDE, and CE.

Accessories:

Finger guards

General Specifications

Frame: Reinforced polybutylene plastic (UL94V-

0 flame retardant)

Impeller: Reinforced polybutylene plastic

(UL94V-0 rating)

Bearings: Precision, life-lubricated ball bearings

Insulation: Class A integral ground system

rated @ 248°F (120°C)

Weight: 3.0 ozs. (85 grams)

Operating Temperature Range: 14° to 158°F

(-10° to 70°C)

Insulation Resistance: 10 megohms minimum

@ 500 VDC

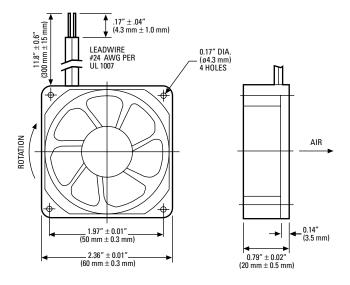
Dielectric Strength: 500 VAC for 60 seconds

Safety Protection: Electronic locked rotor

protected; polarity protected

Life Expectancy: 75,000 hours minimum

@ 77°F (25°C)

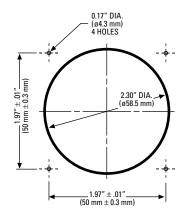


RED LEAD IS POSITIVE (+)
BLACK LEAD IS NEGATIVE (-)

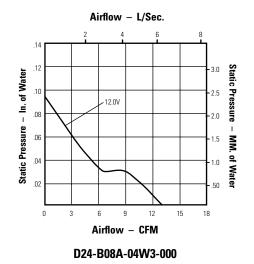
Globe Motors Part Number	Nominal Voltage VDC	Voltage Operating Range VDC	Watts	Line Amps	RPM	- Acoustic Noise dBA	Airflow (Min.)	
							CFM	Liters per Second
D24-B08A-04W3-000	12	6.0 / 13.8	0.84	0.07	3200	25	13	6.1
D24-B08A-04W4-000	12	6.0 / 13.8	1.08	0.09	4000	29	16	7.6
D24-B08A-05W3-000	24	15.0 / 27.6	0.96	0.04	3200	25	13	6.1
D24-B08A-05W4-000	24	15.0 / 27.6	1.20	0.05	4000	29	16	7.6

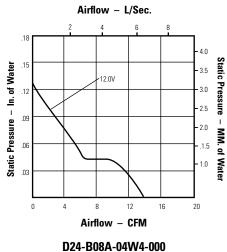
^{*}Note: For tachometer output models, substitute "B" in part number. Part Number D24-B08"<u>A</u>"-04W3-000 would change to D24-B08"<u>B</u>"-04W3-000. Minimum order quantity may apply. For locked rotor sensor output models, substitute "C" in part number. Part Number D24-B08"<u>A</u>"-04W3-000 would change to D24-B08"<u>G</u>"-04W3-000. Minimum order quantity may apply.

Installation Guide



Performance at Sea Level





Approvals



UL File No. E105397



CSA File No. 72877



VDE File No. 17074-2611-0708



NOTES:

All operating specifications measured at nominal operating voltage, free air at sea level

24 volt performance is identical to 12 volt fan performance