

DC Series
Tubeaxial
Cooling Fans
Model No. D24T10

2.36" Sq. x 1.00" (60 mm Sq. x 25 mm) 17-23 CFM (8.0-10.9 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: 2.3 ozs. (65 grams)

Operating Temperature Range: 14° to 158°F

(-10° to 70°C)

Insulation Resistance: 10 megohms minimum

@ 250 VDC

Dielectric Strength: 500 VAC for 60 seconds

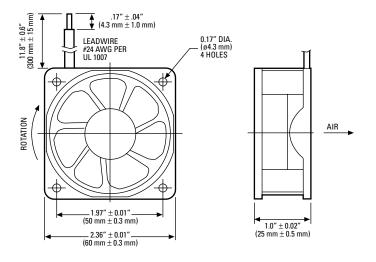
Safety Protection: Electronic locked rotor

protected; polarity protected

Life Expectancy: 75,000 hours minimum

@ 77°F (25°C)

Options: (Consult Factory) Tachometer output Locked rotor output sensor

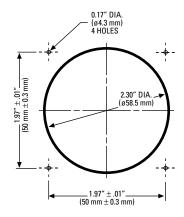


RED LEAD IS POSITIVE (+) BLACK LEAD IS NEGATIVE (-) WHITE LEAD IS SENSOR

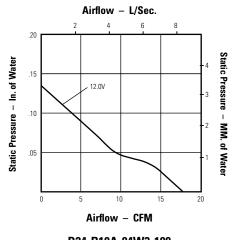
CROSSED OFF PARTS ARE OBSOLETE.		Voltage					Airflow (Min.)	
Globe Motors Part Number	Nominal Voltage VDC	Operating Range VDC	Watts	Line Amps	RPM	Acoustic Noise dBA	CFM	Liters per Second
D24-B10A-04W3-100	12	6.0 / 13.8	1.44	0.12	3600	28	17	8.0
D24-B10A-04W4-100	12	6.0 / 13.8	2.04	0.17	4550	34	22	10.3
D24-B10A-04W5-100	12	6.0 / 13.8	2.40	0.20	4900	35	23	10.9
D24-B10A-05W3-100	24	10.2 / 27.6	1.68	0.07	3600	28	17	8.0
D24-B10A-05W4-100	24	10.0 / 27.6	2.16	0.09	4550	34	22	10.3
D24-B10A-05W5-100	24	10.0 / 27.6	2.40	0.10	4900	35	23	10.9

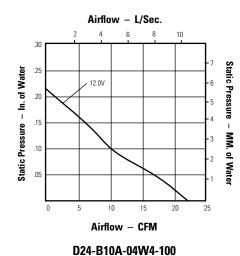
^{*}Note: For tachometer output models, substitute "B" in part number. Part Number D24-B10"<u>A</u>"-04W3-100 would change to D24-B10"<u>B</u>"-04W3-100. Minimum order quantity may apply. For locked rotor sensor output models, substitute "C" in part number. Part Number D24-B10"<u>A</u>"-04W3-100 would change to D24-B10"<u>C</u>"-04W3-100. Minimum order quantity may apply.

Installation Guide



Performance at Sea Level





Approvals



UL File No. E105397



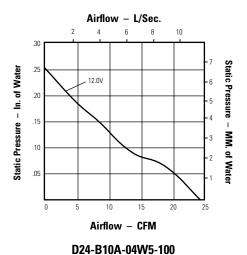
CSA File No. 72877



VDE File No. 17074-2611-0706



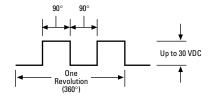
D24-B10A-04W3-100



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

24 volt performance is identical to 12 volt fan performance

Tachometer Output (Open Collector Circuit)



NOTES:

Locked Rotor Output (Open Collector Circuit)

