

DC Series

Tubeaxial

Cooling Fans

Model No. D47T10

4.69" Sq. x 1.00"
(119 mm Sq. x 25 mm)
88-115 CFM
(41.5-54.2 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
Filters

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: 7.7 ozs. (220 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)

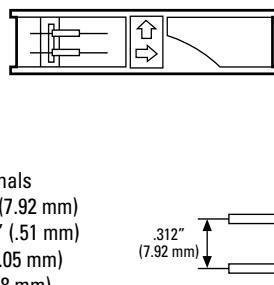
Options:

(Consult Factory)

Tachometer output

Terminal versions

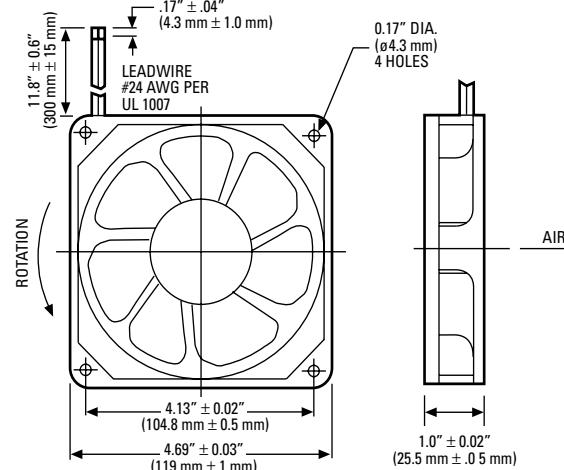
Locked rotor sensor output



Terminals

2 Solder Terminals
Centers: .312" (7.92 mm)
Thickness: .02" (.51 mm)
Width: .120" (3.05 mm)
Length: .31" (7.8 mm)

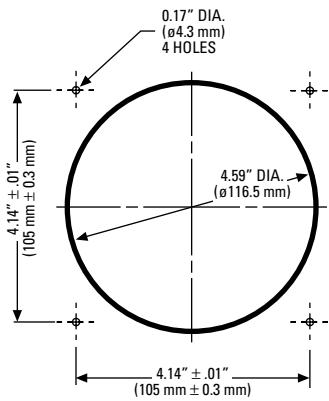
RED LEAD IS POSITIVE (+)
BLACK LEAD IS NEGATIVE (-)
WHITE LEAD IS TACHOMETER/SENSOR



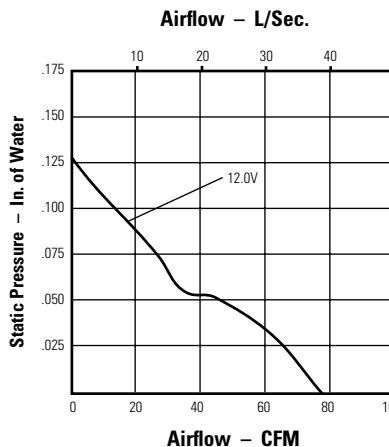
Globe Motors Part Number	Nominal Voltage VDC	Voltage Operating Range VDC	Airflow (Min.)					
			Watts	Line Amps	RPM	Acoustic Noise dBA	CFM	Liters per Second
D47-B10A-04W2-100	12	6.0 / 13.8	3.36	0.28	2200	35	88	41.5
D47-B10A-04W3-100	12	6.0 / 13.0	6.60	0.55	2800	42	115	54.2
D47-B10A-05W2-100	24	10.0 / 27.6	3.60	0.15	2200	35	88	41.5
D47-B10A-05W3-100	24	10.0 / 26.0	6.96	0.29	2800	42	115	54.2

*Note: For tachometer output models, substitute "B" in part number. Part Number D47-B10A-04W2-000 would change to D47-B10A-04W2-000. Minimum order quantity may apply.
For locked rotor sensor output models, substitute "C" in part number. Part Number D47-B10A-04W2-000 would change to D47-B10A-04W2-000. Minimum order quantity may apply.

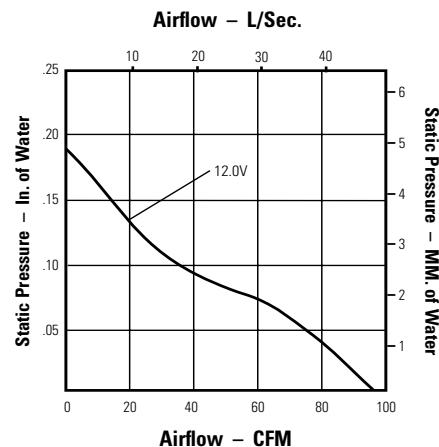
Installation Guide



Performance at Sea Level



D47-B10A-04W2-100



D47-B10A-04W3-100

Approvals



UL File No.
E105397



CSA File No.
72877



VDE File No.
17074-2611-0701

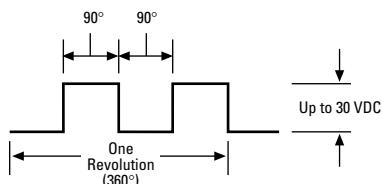


All operating specifications measured at nominal operating voltage, free air at sea level

24 volt performance is identical to 12 volt fan performance

NOTES:

Tachometer Output (Open Collector Circuit)



Locked Rotor Output (Open Collector Circuit)

