

# AC Series Tubeaxial Cooling Fans Model No. A59T15

5.91" x 6.78" x 1.50"  
(150 mm x 172 mm x 38 mm)  
85-212 CFM  
(40.1-100 L/Sec.)



## Features

- Reliable split-phase capacitor motor construction
- Precision ball bearing system provides:
  - Longer life
  - Higher temperature extremes
  - Lower noise over time
  - Maximum shock and vibration resistance
- Rugged die-cast aluminum housing for maximum heat dissipation

## Accessories:

Finger guards  
Power cords

## General Specifications

**Frame:** Die-cast aluminum painted black for moisture and corrosion resistance

**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:** 26 ozs. (750 grams)

**Operating Temperature Range:** 14° to 158°F (-10° to 70°C)

**Insulation Resistance:** 100 megohms minimum @ 500 VDC

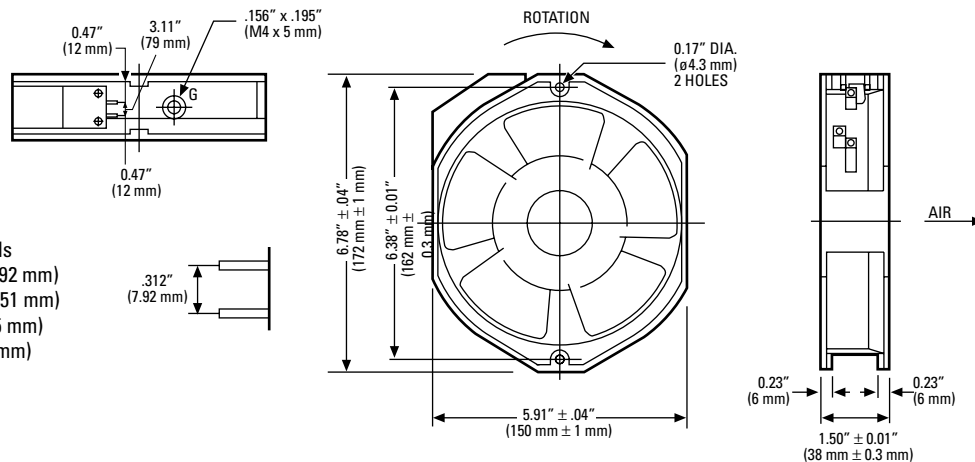
**Dielectric Strength:** 1500 VAC for 3 seconds

**Safety Protection:** Impedance protected; thermally protected

**Life Expectancy:** 50,000 hours minimum @ 77°F (25°C)

## Terminals

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

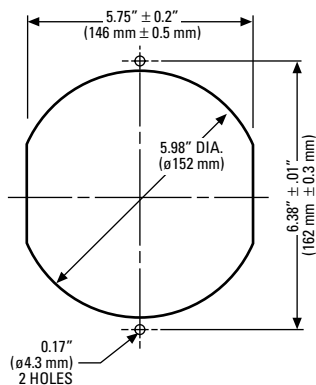


Note: 230 volt fans have tapped holes

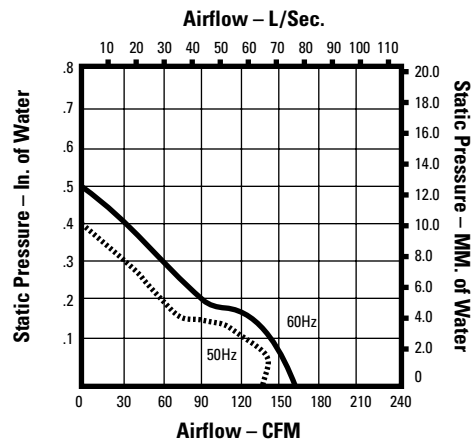
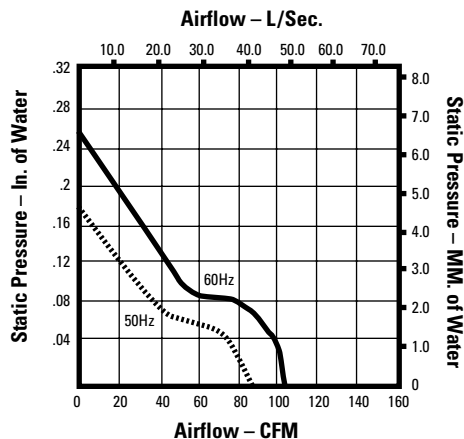
| Globe Motors Part Number | Nominal Voltage VAC | Frequency Hz | Watts       | Line Amps     | RPM         | Acoustic Noise dBA | Airflow (Min.) |                   |
|--------------------------|---------------------|--------------|-------------|---------------|-------------|--------------------|----------------|-------------------|
|                          |                     |              |             |               |             |                    | CFM            | Liters per Second |
| A59-B15A-15T1-000        | 115                 | 50 / 60      | 16.0 / 18.0 | 0.160 / 0.190 | 1400 / 1650 | 35 / 38            | 85 / 102       | 40.1 / 48.1       |
| A59-B15A-15T2-000        | 115                 | 50 / 60      | 21.0 / 22.0 | 0.200 / 0.210 | 2200 / 2600 | 46 / 50            | 141 / 166      | 66.5 / 78.4       |
| A59-B15A-15T3-000        | 115                 | 50 / 60      | 35.0 / 32.0 | 0.380 / 0.360 | 2700 / 3200 | 52 / 56            | 177 / 212      | 83.5 / 100.0      |
| A59-B15A-23T1-000        | 230                 | 50 / 60      | 16.0 / 18.0 | 0.090 / 0.110 | 1400 / 1650 | 35 / 38            | 85 / 102       | 40.1 / 48.1       |
| A59-B15A-23T2-000        | 230                 | 50 / 60      | 23.0 / 26.0 | 0.120 / 0.140 | 2200 / 2600 | 46 / 50            | 141 / 166      | 66.5 / 78.4       |
| A59-B15A-23T3-000        | 230                 | 50 / 60      | 35.0 / 35.0 | 0.180 / 0.190 | 2700 / 3200 | 52 / 56            | 177 / 212      | 83.5 / 100.0      |

Note capacitor values: 115 VAC Series — 3.0µF @ 250 VAC; 230 VAC Series — 1.0µF @ 350 VAC  
Capacitor is built in

## Installation Guide



## Performance at Sea Level



## Approvals



UL File No.  
E105397



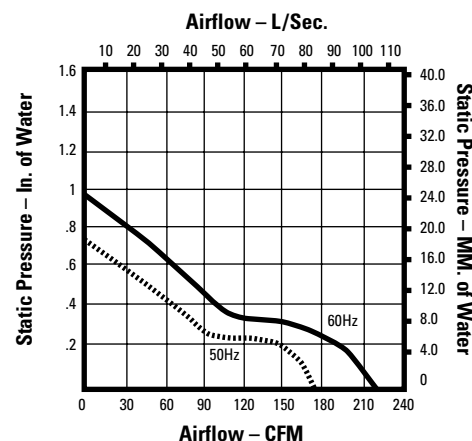
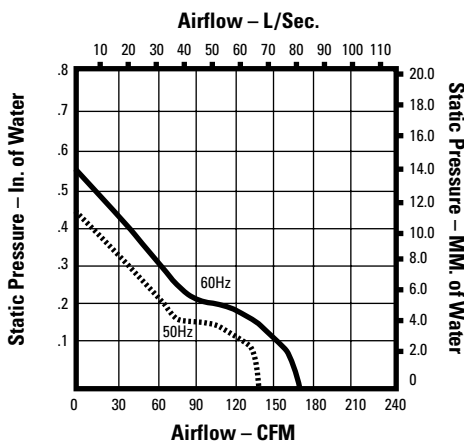
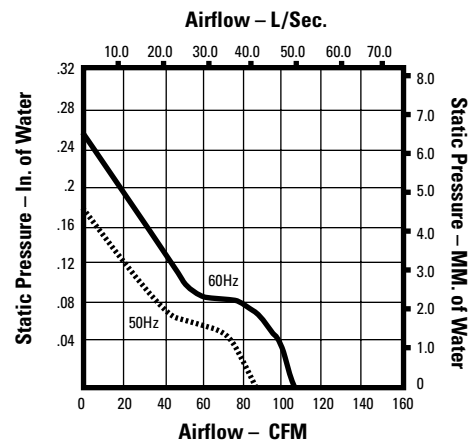
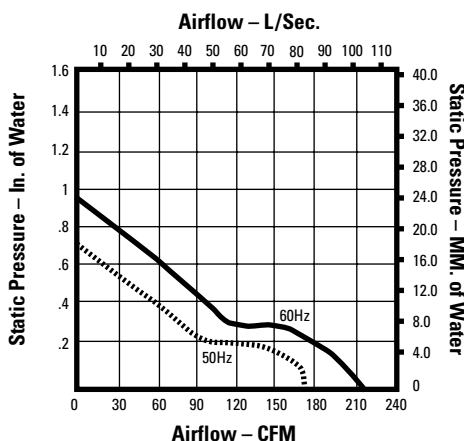
CSA File No.  
72877



VDE File No.  
17074-2611-0703



## NOTES:



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