

### General Specifications

#### Motor Protection:

Auto Restart/Polarity Protection

#### Insulation Resistance:

10M  $\Omega$  or over with a DC500V Megger

#### Dielectric Withstand Voltage: AC 700V 1s

#### Allowable Ambient Temperature Range:

-10°C ~ +70°C (Operating)

-40°C ~ +70°C (Storage)

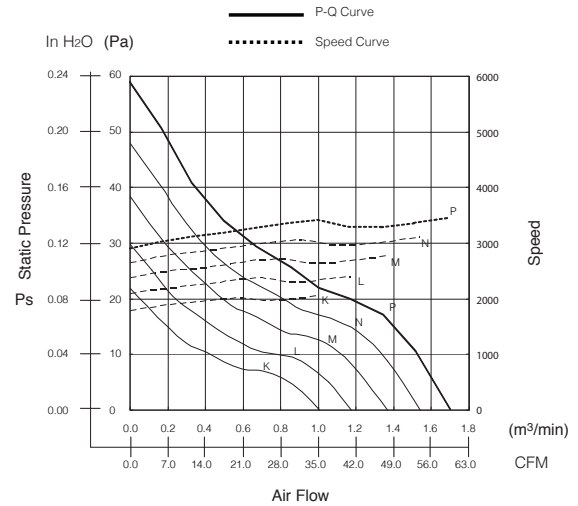
(non-condensing environment)

### Expected Life

#### Failure Rate: 10%

60°C 40,000 Hours (AA/EA)

### Characteristic Curves



### Material

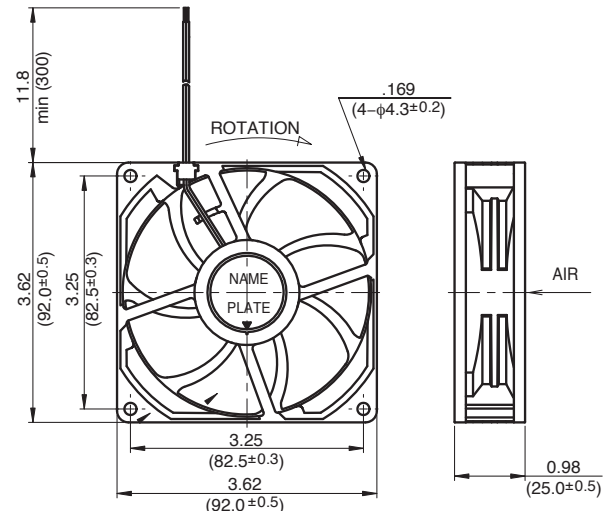
Casing : Plastic (Black) UL94V-0

Impeller : Plastic (Black) UL94V-0

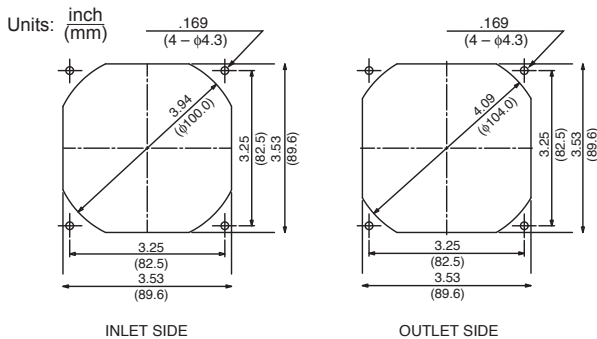
Bearing : Ball Bearing

Lead Wire : UL3385, AWG26, +Red, -Black

### Outline



### Panel Cut-Outs



### Specifications

| MODEL             | LEGACY P/N         | Rated Voltage | Operating Voltage | Current           | Input Power       | Speed                              | Max. Air Flow     |                                     | Max. Static Pressure |                    | Noise              | Mass |
|-------------------|--------------------|---------------|-------------------|-------------------|-------------------|------------------------------------|-------------------|-------------------------------------|----------------------|--------------------|--------------------|------|
|                   |                    | (V)           | (V)               | (A) <sup>*1</sup> | (W) <sup>*1</sup> | (min <sup>-1</sup> ) <sup>*1</sup> | CFM <sup>*1</sup> | (m <sup>3</sup> /min) <sup>*1</sup> | in H <sub>2</sub> O  | (Pa) <sup>*1</sup> | (dB) <sup>*1</sup> | (g)  |
| 09225SA-12K-AA-D0 | 3610SB-04W-B20-B00 | 12            | 6 ~ 13.8          | 0.07              | 0.84              | 2050                               | 33.5              | 0.95                                | 0.09                 | 21.5               | 22.0               | 95   |
| 09225SA-12L-AA-D0 | 3610SB-04W-B30-B00 | 12            | 6 ~ 13.8          | 0.10              | 1.20              | 2400                               | 39.9              | 1.13                                | 0.12                 | 29.0               | 25.0               | 95   |
| 09225SA-12M-AA-D0 | 3610SB-04W-B40-B00 | 12            | 6 ~ 13.8          | 0.14              | 1.68              | 2750                               | 45.2              | 1.28                                | 0.15                 | 36.2               | 29.0               | 95   |
| 09225SA-12N-AA-D0 | 3610SB-04W-B50-B00 | 12            | 6 ~ 13.8          | 0.16              | 1.92              | 3100                               | 51.2              | 1.45                                | 0.18                 | 45.0               | 32.0               | 95   |
| 09225SA-12P-AA-D0 | 3610SB-04W-B60-B00 | 12            | 6 ~ 13.2          | 0.23              | 2.76              | 3550                               | 62.5              | 1.77                                | 0.24                 | 61.0               | 39.0               | 95   |
| 09225SA-24K-AA-D0 | 3610SB-05W-B20-B00 | 24            | 12 ~ 27.6         | 0.04              | 0.96              | 2050                               | 33.5              | 0.95                                | 0.09                 | 21.5               | 22.0               | 95   |
| 09225SA-24L-AA-D0 | 3610SB-05W-B30-B00 | 24            | 12 ~ 27.6         | 0.05              | 1.20              | 2400                               | 39.9              | 1.13                                | 0.12                 | 29.0               | 25.0               | 95   |
| 09225SA-24M-AA-D0 | 3610SB-05W-B40-B00 | 24            | 12 ~ 27.6         | 0.07              | 1.68              | 2750                               | 45.2              | 1.28                                | 0.15                 | 36.2               | 29.0               | 95   |
| 09225SA-24N-AA-D0 | 3610SB-05W-B50-B00 | 24            | 12 ~ 26.4         | 0.08              | 1.92              | 3100                               | 51.2              | 1.45                                | 0.18                 | 45.0               | 32.0               | 95   |
| 09225SA-24P-AA-D0 | 3610SB-05W-B60-B00 | 24            | 10 ~ 27.6         | 0.12              | 2.88              | 3550                               | 62.5              | 1.77                                | 0.24                 | 61.0               | 39.0               | 95   |

Rotation: Clockwise

Airflow Outlet: Air Out Over Struts

\*1: Average Values in Free Air

Note: PWM/Locked Rotor/Tach Available