



### 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 ~ +60°C (Operating)

-40°C ~ +70°C (Storage)

(non-condensing environment)

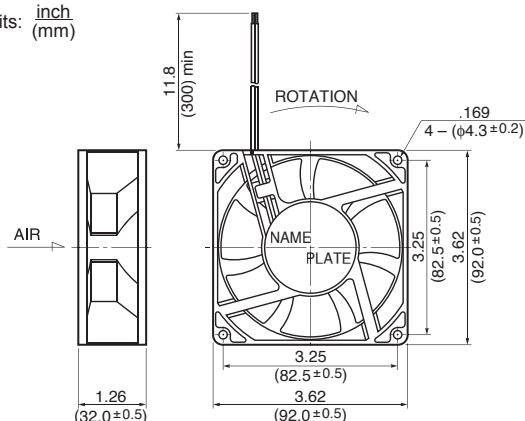
### Expected Life

#### Failure Rate: 10%

25°C 100,000 Hours (B00, E00)

### Outline

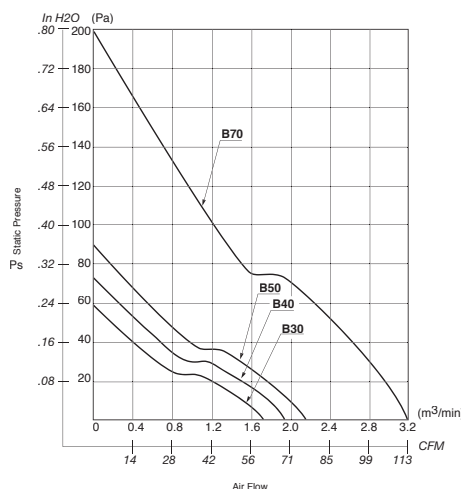
Units:  $\frac{\text{inch}}{(\text{mm})}$



### Panel Cut-outs



### Characteristic Curves



### Material

Casing : Plastic (Black) 94V-0

Impeller : Plastic (Black) 94V-0

Bearing : Ball Bearing

Lead Wire : UL1007, AWG24, +Red, -Black

### Specifications

| MODEL          | Product No. | 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> | (m³/min) <sup>*1</sup> | in H <sub>2</sub> O  | (Pa) <sup>*1</sup> | (dB) <sup>*1</sup> | (g)  |
| 3612KL-04W-B30 | X00         | 12            | 6.0 ~ 13.8        | 0.21              | 2.52              | 2600                               | 47.3              | 1.34                   | .16                  | 41.0               | 34.0               | 230  |
| 3612KL-04W-B40 | X00         | 12            | 6.0 ~ 13.8        | 0.31              | 3.72              | 3200                               | 58.6              | 1.66                   | .24                  | 61.0               | 38.0               | 230  |
| 3612KL-04W-B50 | X00         | 12            | 6.0 ~ 13.8        | 0.47              | 5.64              | 3800                               | 69.9              | 1.98                   | .33                  | 83.0               | 43.5               | 230  |
| 3612KL-04W-B60 | X00         | 12            | 10.5 ~ 13.2       | 0.48              | 5.76              | 4000                               | 70.5              | 2.00                   | .38                  | 96.0               | 44.0               | 230  |
| 3612KL-05W-B30 | X00         | 24            | 15.0 ~ 27.6       | 0.10              | 2.40              | 2600                               | 47.3              | 1.34                   | .16                  | 41.0               | 34.0               | 230  |
| 3612KL-05W-B40 | X00         | 24            | 15.0 ~ 27.6       | 0.16              | 3.84              | 3200                               | 58.6              | 1.66                   | .24                  | 61.0               | 38.0               | 230  |
| 3612KL-05W-B50 | X00         | 24            | 15.0 ~ 27.6       | 0.25              | 6.00              | 3800                               | 69.9              | 1.98                   | .33                  | 83.0               | 43.5               | 230  |
| 3612KL-05W-B60 | X00         | 24            | 10.0 ~ 27.6       | 0.23              | 5.52              | 3800                               | 47.3              | 1.98                   | .33                  | 83.0               | 43.5               | 230  |