

## General Specifications

**Motor Structure:** Capacitor-Run Induction Motor  
**Motor Protection:** B10~B20 Impedance Protection  
 B30 Thermal 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)

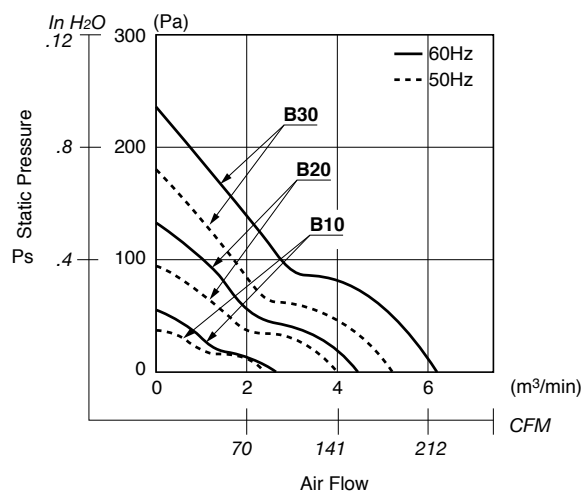
(non-condensing environment)

## Expected Life

**Failure Rate:** 10%

25°C 50,000 Hours

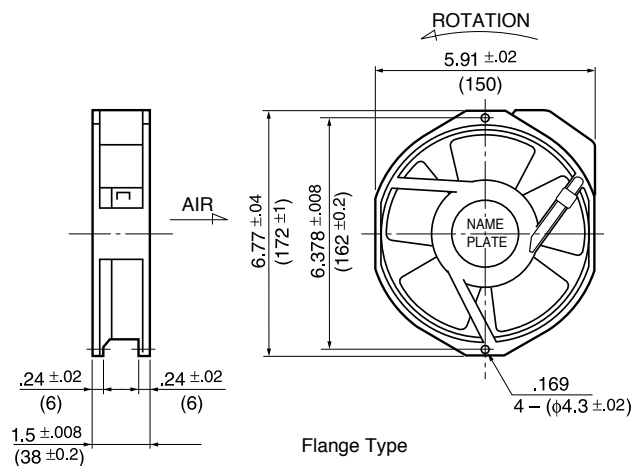
## Characteristic Curves



## Material

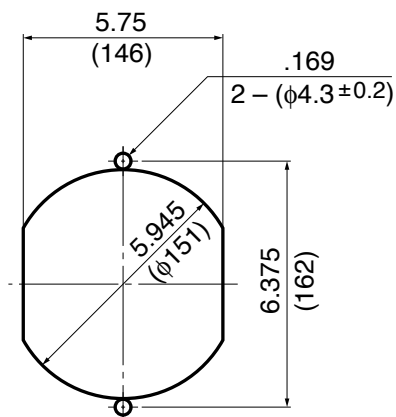
**Casing :** Aluminum  
**Impeller :** Polycarbonate (Glass Fiber-Containing)  
**Bearing :** Ball Bearing  
**Terminal :** Faston #110 or equivalent

## Outline



## Panel Cut-Outs

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



INLET SIDE / OUTLET SIDE

## Specifications

| MODEL                 | Rated Voltage | Frequency | Starting Voltage | Current           | Input Power                  | Speed                              | Max. Air Flow |                                     | Max. Static Pressure |                    | Noise              | Mass |
|-----------------------|---------------|-----------|------------------|-------------------|------------------------------|------------------------------------|---------------|-------------------------------------|----------------------|--------------------|--------------------|------|
|                       | (V)           | (Hz)      | (V)              | (A) <sup>*1</sup> | (W) <sup>*10%<br/>-20%</sup> | (min <sup>-1</sup> ) <sup>*3</sup> | CFM           | (m <sup>3</sup> /min) <sup>*3</sup> | in H <sub>2</sub> O  | (Pa) <sup>*3</sup> | (dB) <sup>*2</sup> | (g)  |
| ** 5915PC-10T-B30-B00 | 100           | 50        | 65               | 0.470             | 37.0                         | 2700                               | 176.5         | 5.00                                | .629                 | 156.8              | 52.0               | 800  |
|                       | 100           | 60        | 65               | 0.440             | 33.0                         | 3200                               | 212.0         | 6.00                                | .865                 | 215.6              | 56.0               | 800  |
| 5915PC-12T-B30-A00    | 115           | 50        | 75               | 0.380             | 35.0                         | 2700                               | 176.5         | 5.00                                | .629                 | 156.8              | 52.0               | 800  |
|                       | 115           | 60        | 75               | 0.360             | 32.0                         | 3200                               | 212.0         | 6.00                                | .865                 | 215.6              | 56.0               | 800  |
| ** 5915PC-20T-B30-B00 | 200           | 50        | 130              | 0.236             | 34.0                         | 2700                               | 176.5         | 5.00                                | .629                 | 156.8              | 52.0               | 800  |
|                       | 200           | 60        | 130              | 0.210             | 33.0                         | 3200                               | 212.0         | 6.00                                | .865                 | 215.6              | 56.0               | 800  |
| ** 5915PC-22T-B30-B00 | 220           | 50        | 145              | 0.210             | 40.0                         | 2700                               | 176.5         | 5.00                                | .629                 | 156.8              | 52.0               | 800  |
|                       | 220           | 60        | 145              | 0.180             | 38.0                         | 3200                               | 212.0         | 6.00                                | .865                 | 215.6              | 56.0               | 800  |
| 5915PC-23T-B30-A00    | 230           | 50        | 145              | 0.180             | 35.0                         | 2700                               | 176.5         | 5.00                                | .629                 | 156.8              | 52.0               | 800  |
|                       | 230           | 60        | 145              | 0.190             | 35.0                         | 3200                               | 212.0         | 6.00                                | .865                 | 215.6              | 56.0               | 800  |
| ** 5915PC-24T-B30-A00 | 240           | 50        | 155              | 0.180             | 34.0                         | 2700                               | 176.5         | 5.00                                | .629                 | 156.8              | 52.0               | 800  |
|                       | 240           | 60        | 155              | 0.170             | 34.0                         | 3200                               | 212.0         | 6.00                                | .865                 | 215.6              | 56.0               | 800  |
| ** 5915PC-10T-B20-B00 | 100           | 50        | 65               | 0.250             | 22.0                         | 2200                               | 141.2         | 4.00                                | .393                 | 98.0               | 46.0               | 800  |
|                       | 100           | 60        | 65               | 0.230             | 23.0                         | 2600                               | 166.0         | 4.70                                | .472                 | 117.6              | 50.0               | 800  |
| 5915PC-12T-B20-A00    | 115           | 50        | 75               | 0.200             | 21.0                         | 2200                               | 141.2         | 4.00                                | .393                 | 98.0               | 46.0               | 800  |
|                       | 115           | 60        | 75               | 0.210             | 22.0                         | 2600                               | 166.0         | 4.70                                | .472                 | 117.6              | 50.0               | 800  |
| ** 5915PC-20T-B20-B00 | 200           | 50        | 130              | 0.120             | 22.0                         | 2200                               | 141.2         | 4.00                                | .393                 | 98.0               | 46.0               | 800  |
|                       | 200           | 60        | 130              | 0.140             | 23.0                         | 2600                               | 166.0         | 4.70                                | .472                 | 117.6              | 50.0               | 800  |
| ** 5915PC-22T-B20-B00 | 220           | 50        | 145              | 0.110             | 23.0                         | 2200                               | 141.2         | 4.00                                | .393                 | 98.0               | 46.0               | 800  |
|                       | 220           | 60        | 145              | 0.130             | 26.0                         | 2600                               | 166.0         | 4.70                                | .472                 | 117.6              | 50.0               | 800  |
| 5915PC-23T-B20-A00    | 230           | 50        | 145              | 0.120             | 23.0                         | 2200                               | 141.2         | 4.00                                | .393                 | 98.0               | 46.0               | 800  |
|                       | 230           | 60        | 145              | 0.140             | 26.0                         | 2600                               | 166.0         | 4.70                                | .472                 | 117.6              | 50.0               | 800  |
| ** 5915PC-24T-B20-A00 | 240           | 50        | 145              | 0.100             | 22.0                         | 2200                               | 141.2         | 4.00                                | .393                 | 98.0               | 46.0               | 800  |
|                       | 240           | 60        | 145              | 0.110             | 26.0                         | 2600                               | 166.0         | 4.70                                | .472                 | 117.6              | 50.0               | 800  |
| ** 5915PC-10T-B10-B00 | 100           | 50        | 65               | 0.170             | 16.0                         | 1400                               | 84.7          | 2.40                                | .173                 | 43.1               | 35.0               | 800  |
|                       | 100           | 60        | 65               | 0.020             | 18.0                         | 1650                               | 102.3         | 2.90                                | .243                 | 60.7               | 38.0               | 800  |
| 5915PC-12T-B10-A00    | 115           | 50        | 75               | 0.160             | 16.0                         | 1400                               | 84.7          | 2.40                                | .173                 | 43.1               | 35.0               | 800  |
|                       | 115           | 60        | 75               | 0.190             | 18.0                         | 1650                               | 102.3         | 2.90                                | .243                 | 60.7               | 38.0               | 800  |
| ** 5915PC-20T-B10-B00 | 200           | 50        | 130              | 0.110             | 16.0                         | 1400                               | 84.7          | 2.40                                | .169                 | 42.1               | 35.0               | 800  |
|                       | 200           | 60        | 130              | 0.130             | 18.0                         | 1650                               | 102.3         | 2.90                                | .243                 | 60.7               | 38.0               | 800  |
| ** 5915PC-22T-B10-B00 | 220           | 50        | 130              | 0.100             | 16.0                         | 1400                               | 84.7          | 2.40                                | .169                 | 42.1               | 35.0               | 800  |
|                       | 220           | 60        | 130              | 0.120             | 18.0                         | 1650                               | 102.3         | 2.90                                | .243                 | 60.7               | 38.0               | 800  |
| 5915PC-23T-B10-A00    | 230           | 50        | 145              | 0.090             | 16.0                         | 1400                               | 84.7          | 2.40                                | .169                 | 43.1               | 35.0               | 800  |
|                       | 230           | 60        | 145              | 0.110             | 18.0                         | 1650                               | 102.3         | 2.90                                | .243                 | 60.7               | 38.0               | 800  |
| ** 5915PC-24T-B10-A00 | 240           | 50        | 145              | 0.090             | 16.0                         | 1400                               | 84.7          | 2.40                                | .169                 | 42.1               | 35.0               | 800  |
|                       | 240           | 60        | 145              | 0.110             | 18.0                         | 1650                               | 102.3         | 2.90                                | .243                 | 60.7               | 38.0               | 800  |

Rotation: Counterclockwise

Airflow Outlet: Air Out Over Struts

\*1: Maximum Values in Free Air

\*\* Contact NMB for Availability

\*2: Average Values in Free Air

\*3: Minimum Values in Free Air