

### General Specifications

#### Material:

1. Frame: Plastic (UL94V-0);
2. Impeller: Plastic (UL94V-0);
3. Lead Wire: UL1007AWG#24 or Equivalent (+) Red, (-) Black.

#### Expected Life:

1. 50000 hrs (40°C) Ball Bearing;
2. 30000 hrs (40°C) Sleeve Bearing.

#### Temperature Range:

1. Operating temperature -10°C ~ +70°C (Non condensing);
2. Storage temperature -40°C ~ +70°C (Non condensing).

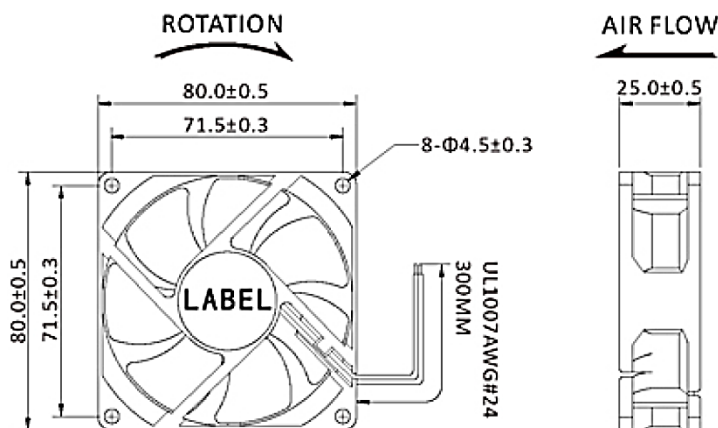


### Specifications

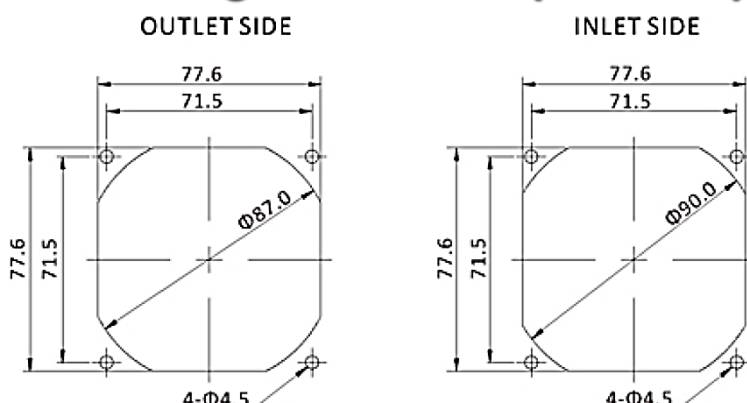
| Model         | Rated Voltage | Operating Voltage | Rated Current | Input Power | Speed | Max Air Flow |                     | Max Static Pressure   |       | Noise | Weight |
|---------------|---------------|-------------------|---------------|-------------|-------|--------------|---------------------|-----------------------|-------|-------|--------|
| Part N        | VDC           | VDC               | A             | W           | RPM   | CFM          | m <sup>3</sup> /min | Inch-H <sub>2</sub> O | Pa    | dB-A  | g      |
| FD8025B(S)12U | 12            | 7.0~13.8          | 0.30          | 6.00        | 4000  | 54.14        | 1.53                | 0.25                  | 62.37 | 40    | 58     |
| FD8025B(S)12H | 12            | 7.0~13.8          | 0.25          | 4.80        | 3500  | 50.35        | 1.43                | 0.22                  | 54.82 | 36    | 58     |
| FD8025B(S)12M | 12            | 7.0~13.8          | 0.17          | 3.60        | 3000  | 39.98        | 1.13                | 0.14                  | 34.81 | 31    | 58     |
| FD8025B(S)12L | 12            | 7.0~13.8          | 0.10          | 2.40        | 2500  | 35.67        | 1.01                | 0.11                  | 27.65 | 25    | 58     |
| FD8025B(S)12D | 12            | 7.0~13.8          | 0.08          | 1.20        | 2000  | 27.39        | 0.78                | 0.07                  | 18.14 | 22    | 58     |
| FD8025B(S)24U | 24            | 14.0~27.6         | 0.20          | 9.60        | 4000  | 54.14        | 1.53                | 0.25                  | 62.37 | 40    | 58     |
| FD8025B(S)24H | 24            | 14.0~27.6         | 0.15          | 7.20        | 3500  | 50.35        | 1.43                | 0.22                  | 54.82 | 36    | 58     |
| FD8025B(S)24M | 24            | 14.0~27.6         | 0.08          | 4.80        | 3000  | 39.98        | 1.13                | 0.14                  | 34.81 | 31    | 58     |
| FD8025B(S)24L | 24            | 14.0~27.6         | 0.05          | 3.60        | 2500  | 35.67        | 1.01                | 0.11                  | 27.65 | 25    | 58     |
| FD8025B(S)24D | 24            | 14.0~27.6         | 0.02          | 2.40        | 2000  | 27.39        | 0.78                | 0.07                  | 18.14 | 22    | 58     |
| FD8025B(S)48U | 48            | 28.0~56.0         | 0.12          | 14.40       | 4000  | 54.14        | 1.53                | 0.25                  | 62.37 | 40    | 58     |
| FD8025B(S)48H | 48            | 28.0~56.0         | 0.08          | 12.00       | 3500  | 50.35        | 1.43                | 0.22                  | 54.82 | 36    | 58     |
| FD8025B(S)48M | 48            | 28.0~56.0         | 0.05          | 9.60        | 3000  | 39.98        | 1.13                | 0.14                  | 34.81 | 31    | 58     |
| FD8025B(S)48L | 48            | 28.0~56.0         | 0.03          | 7.20        | 2500  | 35.67        | 1.01                | 0.11                  | 27.65 | 25    | 58     |

Specification are subject to change without notice.

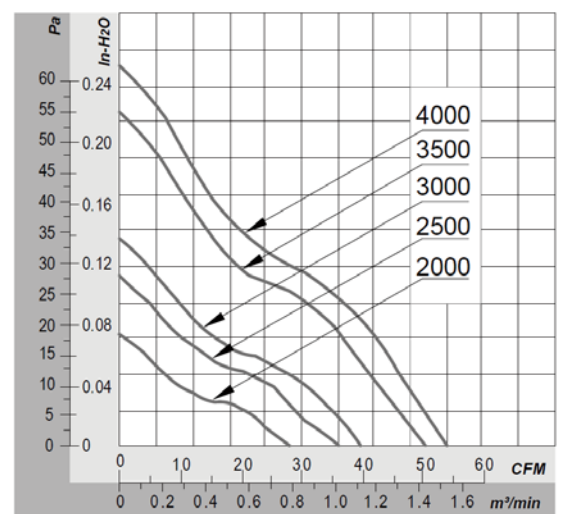
### Dimension (Unit: mm)



### Mounting Panel Cutout (Unit: mm)



### PQ Curve (At Rated Voltage)



### Safety standards

