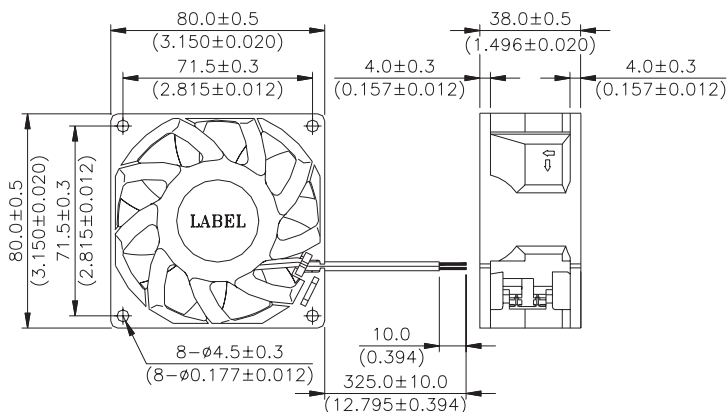


# FFB 80 x 80 x 38 MM SERIES

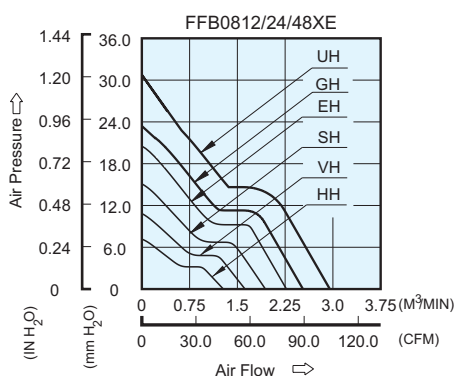
## DIMENSIONS DRAWING



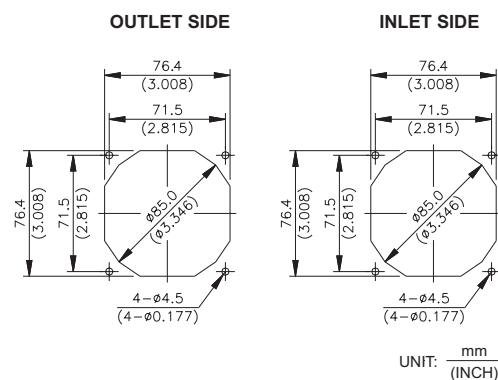
UNIT:  $\frac{\text{mm}}{(\text{INCH})}$

- \* Bearing Type  
Ball Bearings
- \* Material  
Impeller & Frame : Plastic (UL 94V-0)
- \* Lead Wires :  
UL 1007 AWG #24 OR Equivalent  
Red Wire Positive (+)  
Black Wire Negative (-)
- \* Weight : 170g (6.00 oz)

## P & Q CURVE (AT RATED VOLTAGE)



## MOUNTING PANEL CUTOUT



UNIT:  $\frac{\text{mm}}{(\text{INCH})}$

| MODEL      |             | Rated Voltage | Operating Voltage Range | Rated Current | Rated Input Power | Speed  | Maximum Air Flow    |        | Maximum Air Pressure |                     | Noise |
|------------|-------------|---------------|-------------------------|---------------|-------------------|--------|---------------------|--------|----------------------|---------------------|-------|
| PART NO.   | FUNCTION    | VDC           | VDC                     | Amp           | Watt              | R.P.M. | M <sup>3</sup> /min | CFM    | mmH <sub>2</sub> O   | IN H <sub>2</sub> O | dB-A  |
| FFB0812HHE | -R00 / -F00 | 12            | 7.0 to 13.8             | 0.20          | 2.40              | 3400   | 1.280               | 45.20  | 7.13                 | 0.281               | 39.0  |
| FFB0824HHE | -R00 / -F00 | 24            | 14.0 to 27.6            | 0.15          | 3.60              |        |                     |        |                      |                     |       |
| FFB0848HHE | -R00 / -F00 | 48            | 28.0 to 56.0            | 0.08          | 3.84              |        |                     |        |                      |                     |       |
| FFB0812VHE | -R00 / -F00 | 12            | 7.0 to 13.8             | 0.38          | 4.56              | 4200   | 1.620               | 57.21  | 10.77                | 0.424               | 44.5  |
| FFB0824VHE | -R00 / -F00 | 24            | 14.0 to 27.6            | 0.24          | 5.76              |        |                     |        |                      |                     |       |
| FFB0848VHE | -R00 / -F00 | 48            | 28.0 to 56.0            | 0.11          | 5.28              |        |                     |        |                      |                     |       |
| FFB0812SHE | -R00 / -F00 | 12            | 7.0 to 13.8             | 0.58          | 6.96              | 4900   | 1.940               | 68.51  | 15.01                | 0.591               | 48.5  |
| FFB0824SHE | -R00 / -F00 | 24            | 14.0 to 27.6            | 0.34          | 8.16              |        |                     |        |                      |                     |       |
| FFB0848SHE | -R00 / -F00 | 48            | 28.0 to 56.0            | 0.16          | 7.68              |        |                     |        |                      |                     |       |
| FFB0812EHE | -R00 / -F00 | 12            | 7.0 to 13.8             | 0.90          | 10.80             | 5700   | 2.270               | 80.16  | 20.63                | 0.812               | 52.5  |
| FFB0824EHE | -R00 / -F00 | 24            | 14.0 to 26.4            | 0.50          | 12.00             |        |                     |        |                      |                     |       |
| FFB0812GHE | -R00 / -F00 | 12            | 7.0 to 13.2             | 1.15          | 13.80             |        |                     |        |                      |                     |       |
| FFB0812UHE | -R00 / -F00 | 12            | 7.0 to 13.2             | 1.50          | 18.00             | 7500   | 2.889               | 102.02 | 31.32                | 1.233               | 62.2  |

- \* Function type is optional.
- \* The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- \* Noise is measured in anechoic chamber in free air, one meter from intake side.
- \* All readings are typical values at rated voltage.
- \* Specifications are subject to change without notice.