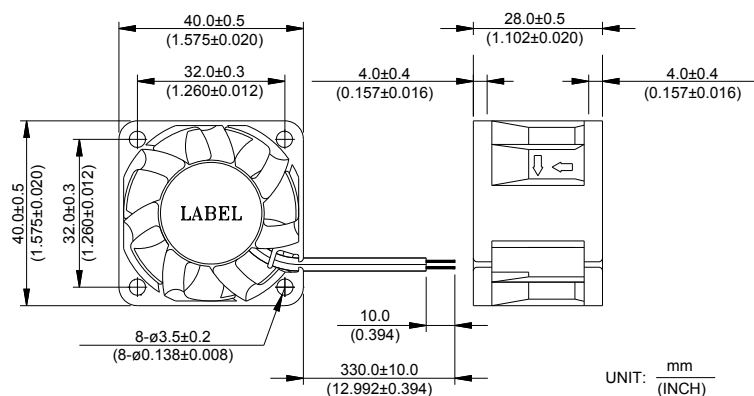


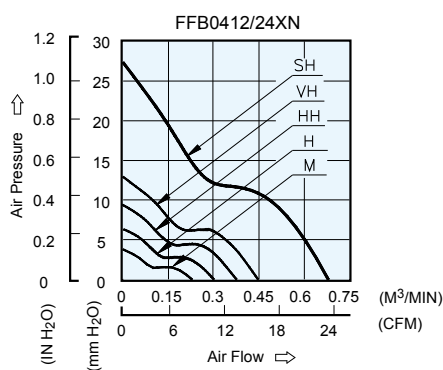
## FFB 40 x 40 x 28 MM SERIES

### ■ DIMENSIONS DRAWING

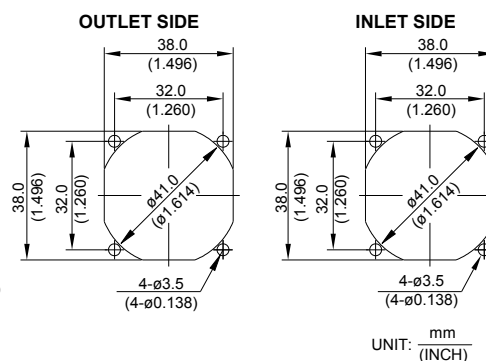


- \* Bearing Type  
Ball Bearings
- \* Material  
Impeller & Pillow : Plastic (UL 94V-0)
- \* Lead Wires :  
UL 1007 AWG #24 OR Equivalent  
Red Wire Positive (+)  
Black Wire Negative (-)
- \* Weight : 32g (1.13 oz)

### ■ P & Q CURVE (AT RATED VOLTAGE)



### ■ MOUNTING PANEL CUTOUT



| MODEL      |           | Rated Voltage | Operating Voltage Range | Input Current | 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  |
| FFB0412MN  | -R00/-F00 | 12            | 4.5 to 13.8             | 0.05          | 0.60        | 5000   | 0.228               | 8.05  | 3.77                 | 0.148               | 30.0  |
| FFB0424MN  | -R00/-F00 | 24            | 14.0 to 27.6            | 0.04          | 0.96        |        |                     |       |                      |                     |       |
| FFB0412HN  | -R00/-F00 | 12            | 4.5 to 13.8             | 0.07          | 0.84        | 6500   | 0.300               | 10.59 | 6.30                 | 0.248               | 36.0  |
| FFB0424HN  | -R00/-F00 | 24            | 14.0 to 27.6            | 0.06          | 1.44        |        |                     |       |                      |                     |       |
| FFB0412HHN | -R00/-F00 | 12            | 4.5 to 13.8             | 0.11          | 1.32        | 8000   | 0.375               | 13.24 | 9.39                 | 0.370               | 41.0  |
| FFB0424HHN | -R00/-F00 | 24            | 14.0 to 27.6            | 0.08          | 1.92        |        |                     |       |                      |                     |       |
| FFB0412VHN | -R00/-F00 | 12            | 4.5 to 13.8             | 0.16          | 1.92        | 9500   | 0.447               | 15.79 | 12.94                | 0.509               | 45.0  |
| FFB0424VHN | -R00/-F00 | 24            | 14.0 to 26.4            | 0.10          | 2.40        |        |                     |       |                      |                     |       |
| FFB0412SHN | -R00/-F00 | 12            | 4.5 to 13.8             | 0.50          | 6.00        | 13000  | 0.680               | 24.00 | 27.30                | 1.075               | 54.5  |

- \* 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.