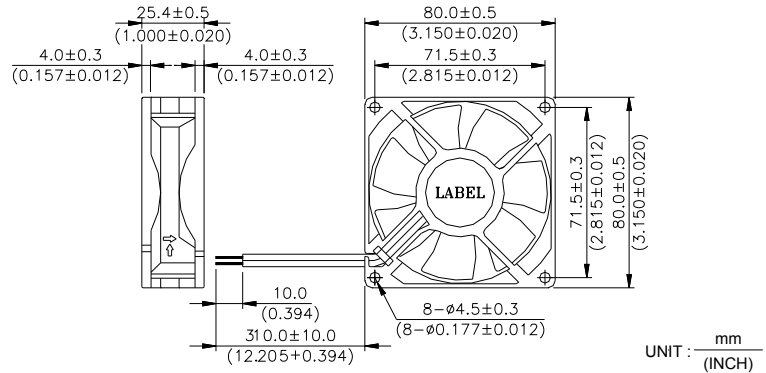


# AFB 80 x 80 x 25.4 MM SERIES

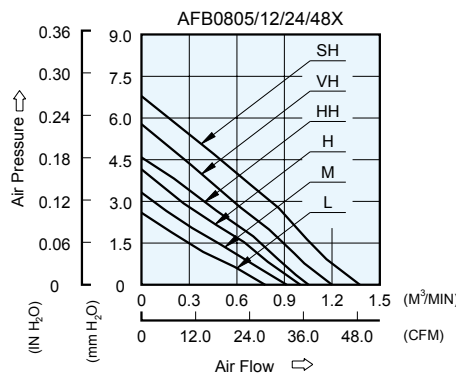
## DIMENSIONS DRAWING



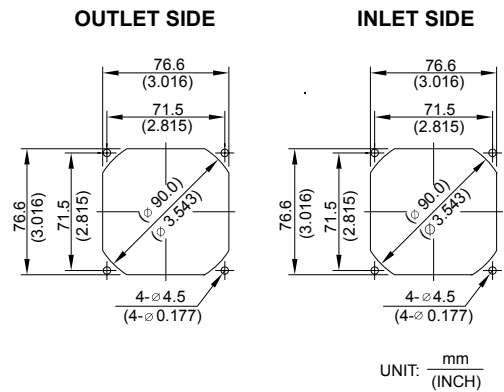
UNIT : mm  
(INCH)

- \* 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 : 80g (2.82 oz)

## P & Q CURVE (AT RATED VOLTAGE)



## MOUNTING PANEL CUTOUT



UNIT: mm  
(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  |
| AFB0805L  | / -F00      | 5             | 4.5 to 5.5              | 0.24          | 1.20              | 2400   | 0.790               | 27.90 | 2.59                 | 0.102               | 25.0  |
| AFB0812L  | -R00 / -F00 | 12            | 7.0 to 13.8             | 0.09          | 1.08              |        |                     |       |                      |                     |       |
| AFB0824L  | -R00 / -F00 | 24            | 14.0 to 27.6            | 0.05          | 1.20              |        |                     |       |                      |                     |       |
| AFB0848L  | -R00 / -F00 | 48            | 28.0 to 56.0            | 0.05          | 2.40              | 2700   | 0.890               | 31.43 | 3.28                 | 0.129               | 28.0  |
| AFB0805M  | / -F00      | 5             | 4.5 to 5.5              | 0.33          | 1.65              |        |                     |       |                      |                     |       |
| AFB0812M  | -R00 / -F00 | 12            | 7.0 to 13.8             | 0.12          | 1.44              |        |                     |       |                      |                     |       |
| AFB0824M  | -R00 / -F00 | 24            | 14.0 to 27.6            | 0.06          | 1.44              | 3000   | 1.000               | 35.31 | 4.04                 | 0.159               | 31.0  |
| AFB0848M  | -R00 / -F00 | 48            | 28.0 to 56.0            | 0.06          | 2.88              |        |                     |       |                      |                     |       |
| AFB0805H  | / -F00      | 5             | 4.5 to 5.5              | 0.43          | 2.15              |        |                     |       |                      |                     |       |
| AFB0812H  | -R00 / -F00 | 12            | 7.0 to 13.8             | 0.16          | 1.92              | 3250   | 1.060               | 37.43 | 4.59                 | 0.181               | 34.0  |
| AFB0824H  | -R00 / -F00 | 24            | 14.0 to 27.6            | 0.07          | 1.68              |        |                     |       |                      |                     |       |
| AFB0848H  | -R00 / -F00 | 48            | 28.0 to 56.0            | 0.07          | 3.36              |        |                     |       |                      |                     |       |
| AFB0812HH | -R00 / -F00 | 12            | 7.0 to 13.8             | 0.20          | 2.40              | 3600   | 1.190               | 42.02 | 5.51                 | 0.217               | 38.0  |
| AFB0824HH | -R00 / -F00 | 24            | 14.0 to 27.6            | 0.09          | 2.16              |        |                     |       |                      |                     |       |
| AFB0848HH | -R00 / -F00 | 48            | 28.0 to 56.0            | 0.08          | 3.84              |        |                     |       |                      |                     |       |
| AFB0812VH | -R00 / -F00 | 12            | 7.0 to 13.8             | 0.26          | 3.12              | 4000   | 1.320               | 46.62 | 6.78                 | 0.267               | 40.0  |
| AFB0824VH | -R00 / -F00 | 24            | 14.0 to 27.6            | 0.14          | 3.36              |        |                     |       |                      |                     |       |
| AFB0812SH | -R00 / -F00 | 12            | 7.0 to 13.8             | 0.34          | 4.08              |        |                     |       |                      |                     |       |
| AFB0824SH | -R00 / -F00 | 24            | 14.0 to 26.0            | 0.16          | 3.84              |        |                     |       |                      |                     |       |

\* 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.