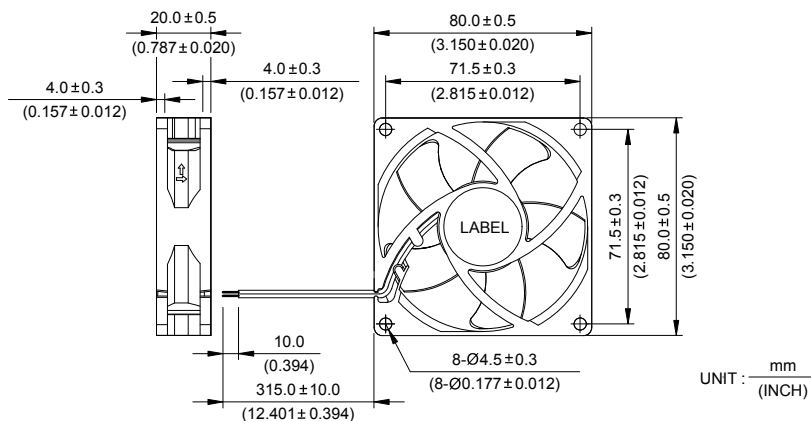


# AFB 80 x 80 x 20 MM SERIES

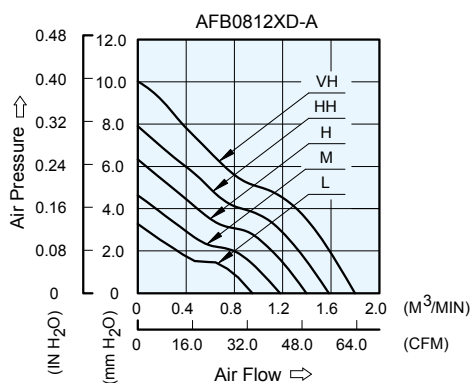
## DIMENSIONS DRAWING



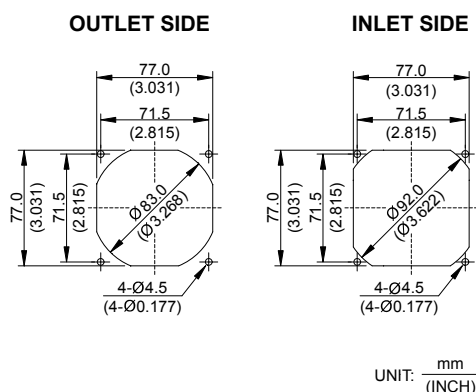
- \* Bearing Type  
Ball Bearings
- \* Material  
Impeller & Frame : Plastic (UL 94V-0)
- \* Lead Wires :  
UL 1007 AWG #24 OR Equivalent  
Red Wire Positive (+)  
Black Wire Negative (-)
- \* Weight : 73g (2.57 oz)



## 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.   | REV. | 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  |
| AFB0812LD  | -A   | -R00 / -F00 | 12            | 5.0 to 13.8             | 0.12          | 1.44        | 3000   | 0.949               | 33.52 | 3.27                 | 0.129               | 30.5  |
| AFB0812MD  | -A   | -R00 / -F00 | 12            | 5.0 to 13.8             | 0.16          | 1.92        | 3600   | 1.180               | 41.68 | 4.63                 | 0.182               | 36.0  |
| AFB0812HD  | -A   | -R00 / -F00 | 12            | 5.0 to 13.8             | 0.22          | 2.64        | 4200   | 1.397               | 49.34 | 6.33                 | 0.249               | 40.0  |
| AFB0812HHD | -A   | -R00 / -F00 | 12            | 5.0 to 13.8             | 0.32          | 3.84        | 4800   | 1.582               | 55.87 | 7.90                 | 0.311               | 44.0  |
| AFB0812VHD | -A   | -R00 / -F00 | 12            | 5.0 to 12.6             | 0.42          | 5.04        | 5400   | 1.799               | 63.54 | 10.02                | 0.394               | 47.5  |

- \* 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.
- \* Both of the ball bearing and the 1 ball + 1 Sleeve type are available.

# Mouser Electronics

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[AFB0812HHD-AR00](#) [AFB0812HD-A](#) [AFB0812VHD-AF00](#)