

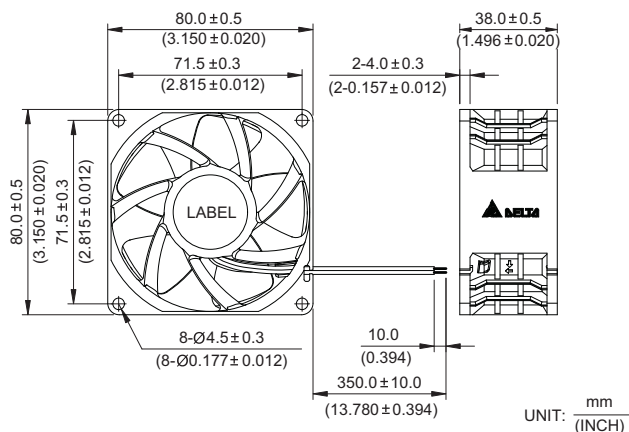
New



- \* 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 : 160g (5.64 oz)

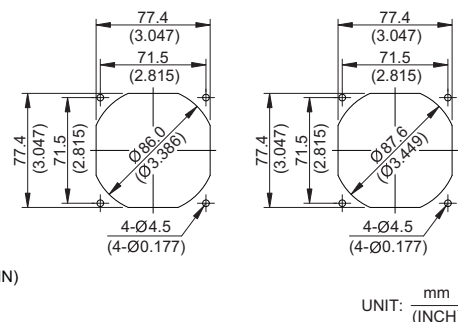
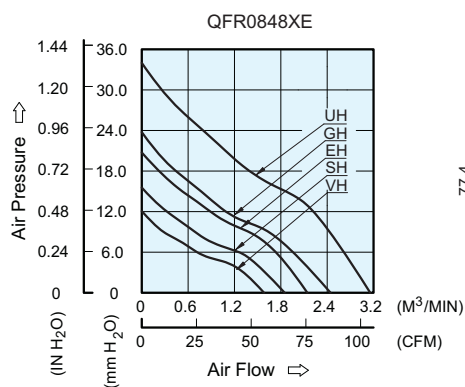
## QFR 80 x 80 x 38 MM SERIES

### DIMENSIONS DRAWING



### P & Q CURVE (AT RATED VOLTAGE)

### MOUNTING PANEL CUTOUT



| 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  |
| QFR0812VHE | -R00 / -F00 | 12            | 7.0 to 13.2             | 0.25          | 3.00              | 5200   | 1.688               | 59.62  | 12.08                | 0.476               | 44.4  |
| QFR0812SHE | -R00 / -F00 | 12            | 7.0 to 13.2             | 0.37          | 4.44              | 5900   | 1.907               | 67.35  | 15.04                | 0.592               | 48.4  |
| QFR0812EHE | -R00 / -F00 | 12            | 7.0 to 13.2             | 0.52          | 6.24              | 6800   | 2.214               | 78.17  | 19.80                | 0.780               | 52.8  |
| QFR0812GHE | -R00 / -F00 | 12            | 7.0 to 13.2             | 0.66          | 7.92              | 7500   | 2.445               | 86.36  | 23.76                | 0.935               | 55.4  |
| QFR0812UHE | -R00 / -F00 | 12            | 7.0 to 13.2             | 1.15          | 13.80             | 9000   | 2.979               | 105.21 | 33.91                | 1.335               | 60.0  |

- \* 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.

# Mouser Electronics

Authorized Distributor

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