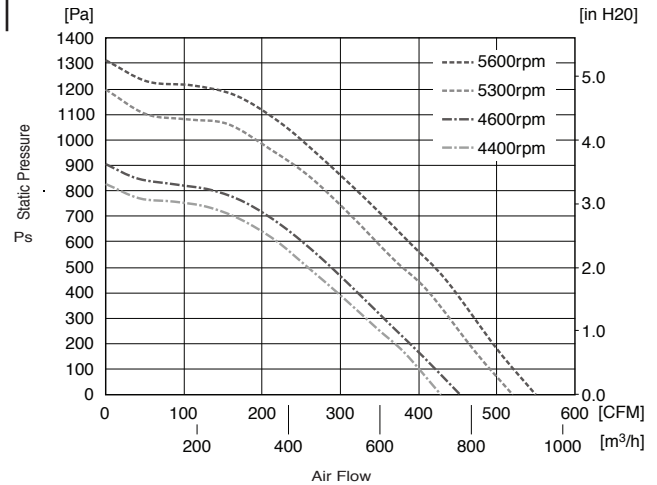




## Characteristic Curves



Impellers

## General Specifications

### Motor Protection:

Locked Rotor, Reverse Polarity

### Insulation Resistance:

10M  $\Omega$  min measured with 500V DC between all leads shorted together and case

### Dielectric Withstand Voltage: AC 500V 1 minute

### Allowable Ambient Temperature Range:

-30°C ~ +70°C (Operating)  
-40°C ~ +80°C (Storage)

## Expected Life

### L10 Life:

40°C 70,000 Hours

## Material

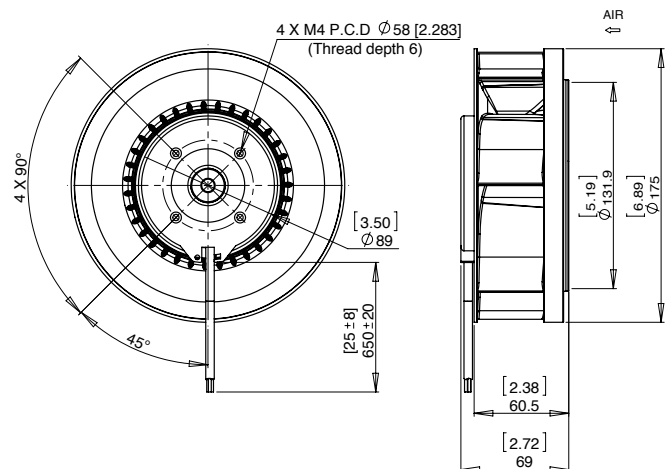
Impeller : Plastic

Bearing : Ball Bearing

Lead Wire : UL1430, AWG18, +Red, -Black,  
Speed Control = Yellow,  
Speed Signal = White

## Outline

Units:  $\frac{[inch]}{mm}$



## Specifications

| MODEL            | Rated Voltage | Operating Voltage | Current           | Input Power       | Speed                              | Max. Air Flow     |                                    | Max. Static Pressure |                    | Noise              | Mass |
|------------------|---------------|-------------------|-------------------|-------------------|------------------------------------|-------------------|------------------------------------|----------------------|--------------------|--------------------|------|
|                  | (V)           | (V)               | (A) <sup>*1</sup> | (W) <sup>*1</sup> | (min <sup>-1</sup> ) <sup>*1</sup> | CFM <sup>*1</sup> | (m <sup>3</sup> /hr) <sup>*1</sup> | in H <sub>2</sub> O  | (Pa) <sup>*1</sup> | (dB) <sup>*1</sup> | (g)  |
| F175H1-061-D0750 | 48            | 30 ~ 72           | 3.8               | 182.4             | 5400                               | 625               | 1062                               | 4.67                 | 1167               | 78                 | 900  |
| F175H2-061-D0740 | 48            | 30 ~ 72           | 2.3               | 110.4             | 4500                               | 514               | 873                                | 3.37                 | 843                | 73                 | 900  |
| F175H3-061-D0540 | 24            | 18 ~ 30           | 4.7               | 112.8             | 4700                               | 541               | 919                                | 3.65                 | 913                | 74                 | 900  |
| F175H4-061-D0540 | 24            | 18 ~ 30           | 3.0               | 72                | 4000                               | 455               | 773                                | 2.60                 | 651                | 71                 | 900  |

Rotation: Clockwise looking at Air Inlet

\*1: Average Values in Free Air and Rated Voltage Condition