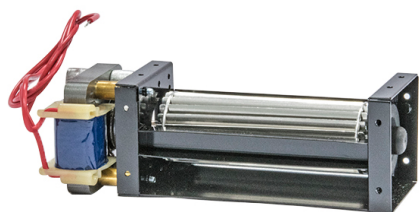


# AFS 30

**UL** **us** **CE**  
Ø30mm(Ø1.18")



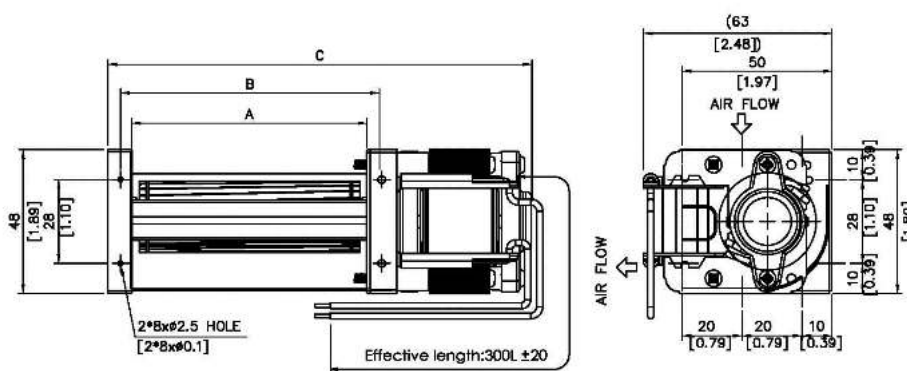
|                         |                                                                     |
|-------------------------|---------------------------------------------------------------------|
| HOUSING                 | Metal/Aluminum                                                      |
| IMPELLER                | Aluminum, Ø30mm                                                     |
| BEARING                 | Ball or Sleeve                                                      |
| INSULATION              | Class A                                                             |
| OPERATING TEMPERATURE   | 0°C to + 45°C                                                       |
| OPERATING VOLTAGE RANGE | 85 VAC to 125 VAC for 115V Type<br>185 VAC to 245 VAC for 230V Type |
| DIELECTRIC STRENGTH     | 1,500 VAC for 1 second                                              |
| INSULATION RESISTANCE   | 10M Ω min. @500 VDC                                                 |
| SAFETY                  | Impedance Protected                                                 |
| MOTOR TYPE              | Shaded Pole Motor                                                   |
| ROHS COMPLIANCE         | Yes                                                                 |
| IP LEVEL                | Special IP Rating On Request                                        |

30 mm

## SPECIFICATION

| MODEL NO.   | RATED VOLTAGE(V) | RATED CURRENT(A) | INPUT POWER(W) | SPEED (RPM) | MAX. AIR PRESSURE |         | MAX. AIR FLOW |         | NOISE dB(A) @1M |
|-------------|------------------|------------------|----------------|-------------|-------------------|---------|---------------|---------|-----------------|
|             |                  |                  |                |             | inchH2O           | mmH2O   | CFM           | m3/min  |                 |
| AFS30098V1H | 120              | 0.11/0.09        | 8/7            | 2500/2900   | 0.03/0.04         | 0.8/1.1 | 14/17         | 0.4/0.5 | 21/24           |
| AFS30098V2H | 230              | 0.07/0.05        | 8/7            | 2500/2900   | 0.03/0.04         | 0.8/1.1 | 14/17         | 0.4/0.5 | 21/24           |
| AFS30160V1H | 120              | 0.14/0.12        | 9/8            | 2700/3100   | 0.04/0.05         | 0.9/1.2 | 24/28         | 0.7/0.8 | 27/30           |
| AFS30160V2H | 230              | 0.09/0.07        | 10/9           | 2700/3100   | 0.04/0.05         | 0.9/1.2 | 24/28         | 0.7/0.8 | 27/30           |
| AFS30198V1H | 120              | 0.14/0.12        | 9/8            | 2700/3100   | 0.04/0.05         | 1.0/1.3 | 32/35         | 0.9/1.0 | 27/30           |
| AFS30198V2H | 230              | 0.09/0.07        | 11/9           | 2700/3100   | 0.04/0.05         | 1.0/1.3 | 32/35         | 0.9/1.0 | 27/30           |
| AFS30300V1H | 120              | 0.20/0.17        | 15/13          | 2700/3100   | 0.06/0.07         | 1.4/1.7 | 53/60         | 1.5/1.7 | 32/34           |
| AFS30300V2H | 230              | 0.09/0.07        | 12/11          | 2700/3100   | 0.06/0.07         | 1.4/1.7 | 53/60         | 1.5/1.7 | 32/34           |

## DIMENSION



| MODEL NO. | DIMENSION(mm) |     |     | WEIGHT (g) |
|-----------|---------------|-----|-----|------------|
|           | A             | B   | C   |            |
| AFS30098  | 98            | 108 | 154 | 390        |
| AFS30160  | 160           | 170 | 222 | 520        |
| AFS30198  | 198           | 208 | 260 | 540        |
| AFS30300  | 300           | 310 | 366 | 670        |

## AIR PERFORMANCE

