# **SPECIFICATIONS**

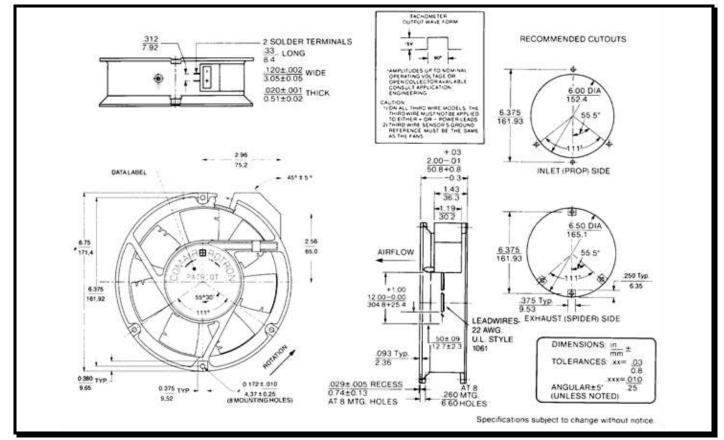
(Rohs Compliant)

Model Number: Part Number:

PQ48K3E2X-E3 17001194A Version: 01 Jun 12, 2018



#### **Mechanical Drawing:**



## Motor:

Nominal Voltage Operating Voltage Range Nominal Running Current Locked Rotor Current Running Power Average Speed Bearings Air Flow Acoustic = 48 vdc = 36 - 60 vdc = 0.90 amps = 1.50 amps = 43.20 watts = 4200 RPM = Ball = 285 CFM = 58.9 dBA

#### **Construction:**

Venturi: Die-cast aluminum, Black Propeller: Plastic, Black, UL 94V-0

#### Life Expectancy:

This fan is designed for continuous duty life of 58,000 hours at 70°C.

## **Termination:**

12"±1"(304.8	±25.4mm) 22AWG UL1061 Leadwires
Red	= Power(+)
Black	= Return(-)
Blue/White	= Tach output
Yellow	= PWM control

#### **Additional Features:**

Brushless DC Motor Locked Rotor Protection Polarity Protected Automatic Restart Capability Operating Temperature: Storage Temperature: Environmental Protection:

-10°C to 70°C -40°C to 85°C Type 3(IP68)

# **TACHOMETER:**

Output:	Open Collector
Ic:	20 mA max.
Vcc:	60 Vdc max.
Pulses per Revolution:	2
Isolated:	No

#### **Speed Control:**

PWM: 200 ~ 2 KHz, Open Collector <10% Duty: Off 10%~95% Duty: Linear Ramp >95% Duty or Open Lead Wire: Full Speed

**Agency Certifications:** UL, CUL, CE



