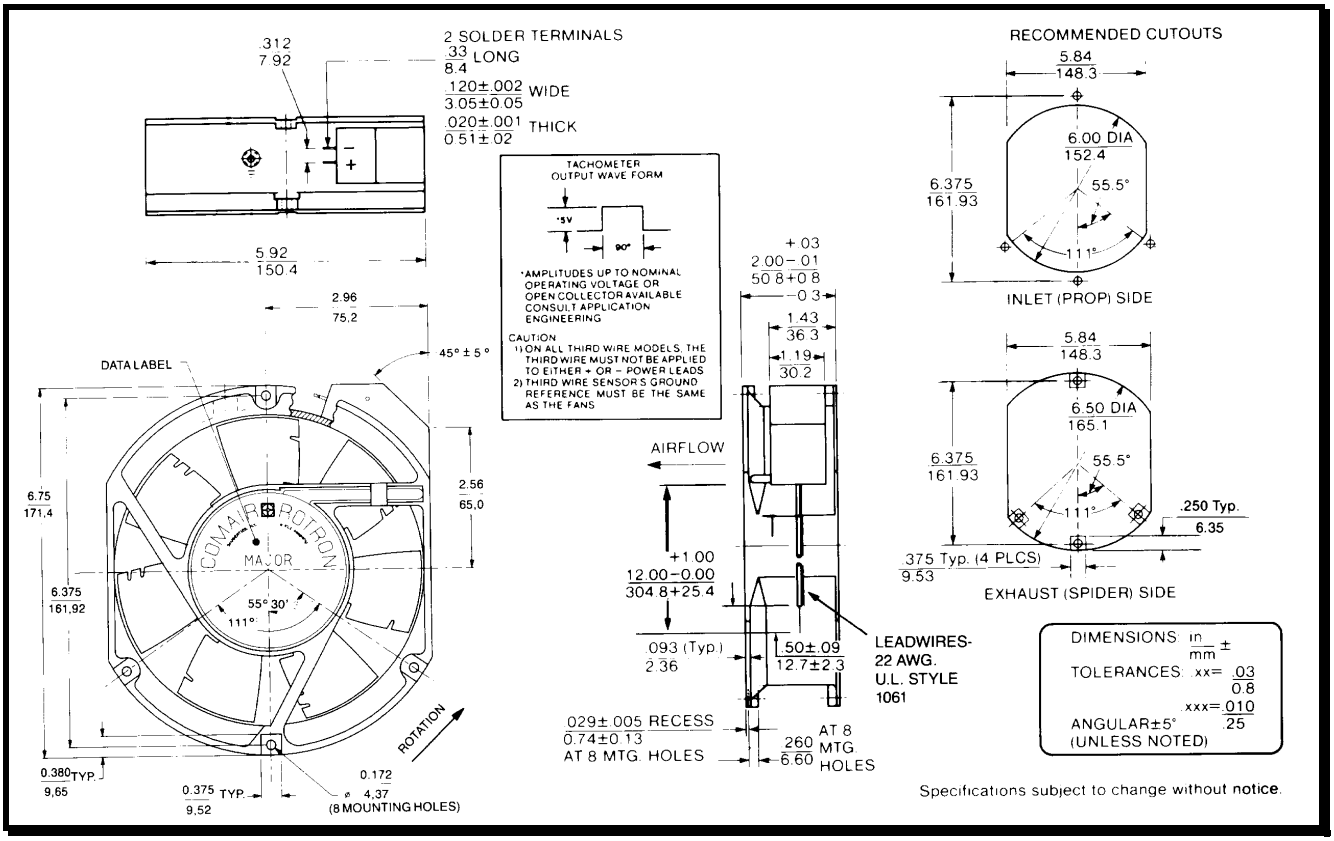
SPECIFICATIONS

RoHS Compliant

Model Number: JQD48B3E2X-E3 Rev:00

Part Number: 17001183A Jun 12, 2018

Mechanical Drawing:



Motor:

Nominal Voltage	= 48 vdc
Operating Voltage Range	= 36 - 60 vdc
Nominal Running Current	= 0.46mps
Locked Rotor Current	= 1.0 amps
Running Power	= 22.1 watts
Average Speed	= 3400 RPM
Bearings	= Ball
Air Flow	= 235 CFM
Acoustic	= 54.3 dBA

Construction:

Venturi: Die-cast aluminum, painted black
Propeller: Plastic, painted black

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
Soft Start Inrush Current
Electronic Locked Rotor Protection
Polarity Protected
Automatic Restart Capability

Operating Temperature:	-10°C to 70°C
Storage Temperature:	-40°C to 85°C
Environmental Protection:	Type 3(IP68)

TACHOMETER:

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

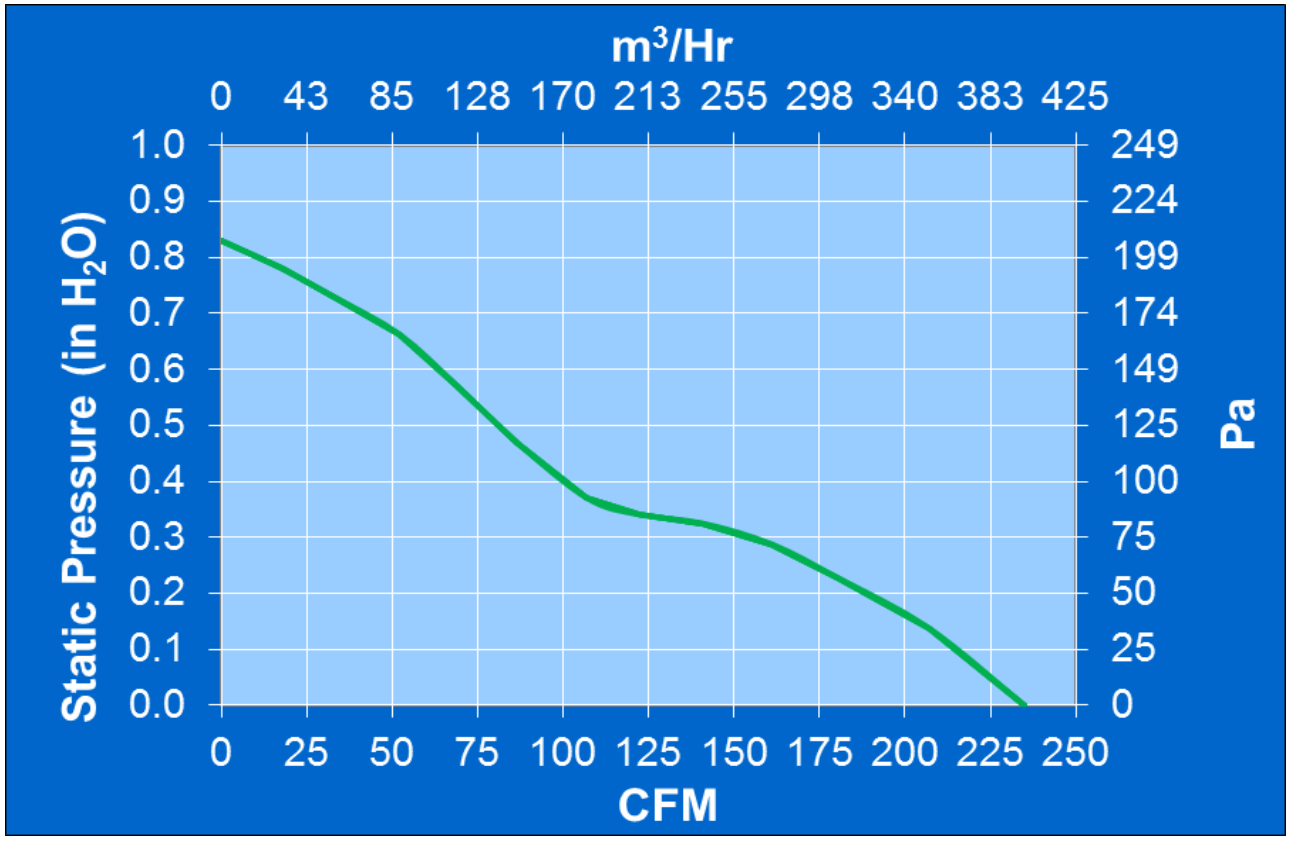
Speed Control:

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

Agency Approvals:

UL, CUL, CE

PQ Curve:


m³/Hr
0 43 85 128 170 213 255 298 340 383 425
Static Pressure (in H2O)
1.0 0.9 0.8 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.0
249 224 199 174 149 125 100 75 50 25 0
Pa
0 25 50 75 100 125 150 175 200 225 250
CFM