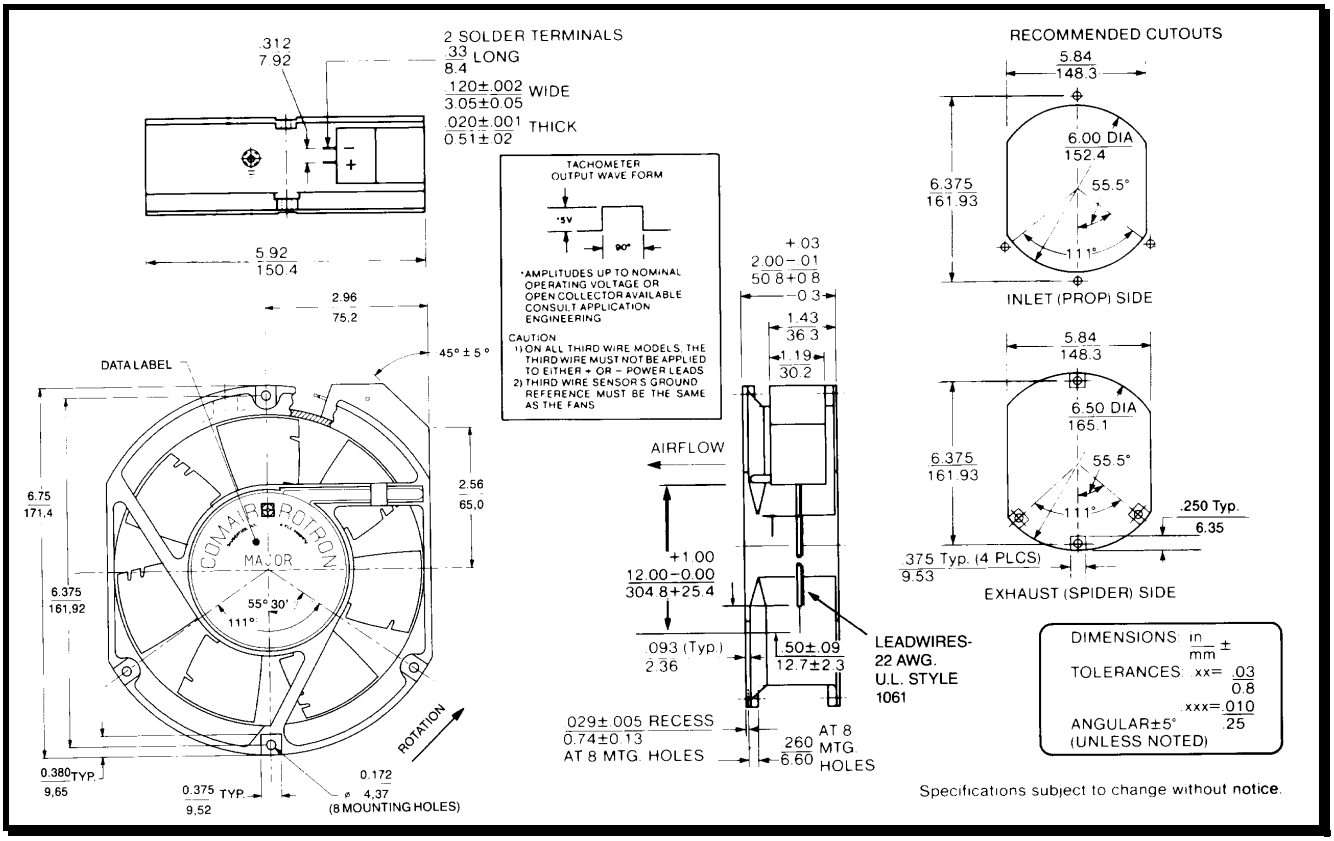
SPECIFICATIONS

RoHS Compliant

Model Number: JQD48Z3E2X-E3 Rev:00

Part Number: 17001187A Jun 12, 2018

Mechanical Drawing:



Specifications subject to change without notice.

Motor:

Nominal Voltage	= 48 vdc
Operating Voltage Range	= 36 - 60 vdc
Nominal Running Current	= 0.67mps
Locked Rotor Current	= 1.50 amps
Running Power	= 32.2 watts
Average Speed	= 4500 RPM
Bearings	= Ball
Air Flow	= 305 CFM
Acoustic	= 60.4 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

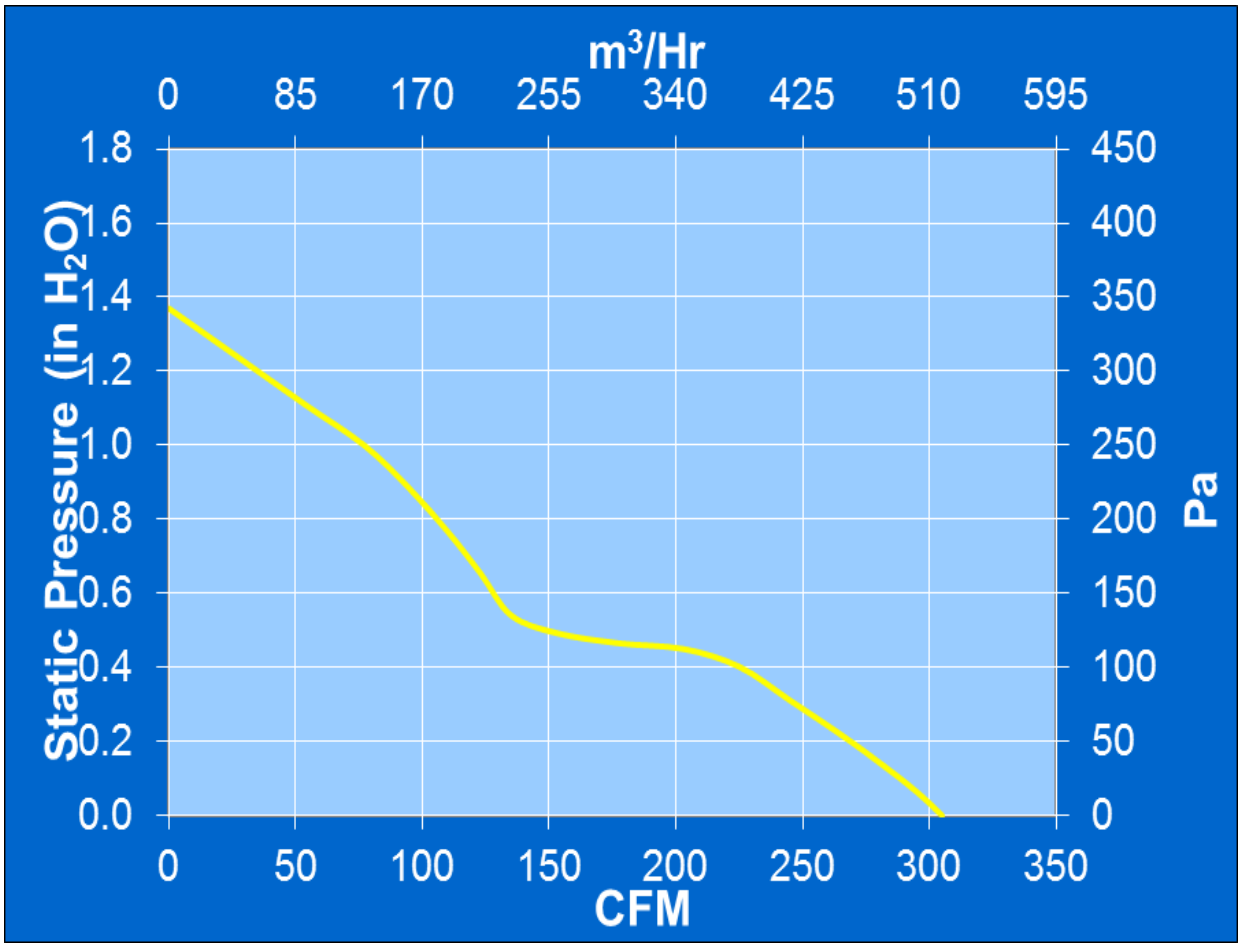
Speed Control:

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
85
170
255
340
425
510
595
Static Pressure (in H₂O)
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
450
400
350
300
250
200
150
100
50
0
Pa
0
50
100
150
200
250
300
350
CFM

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