

# SPECIFICATIONS

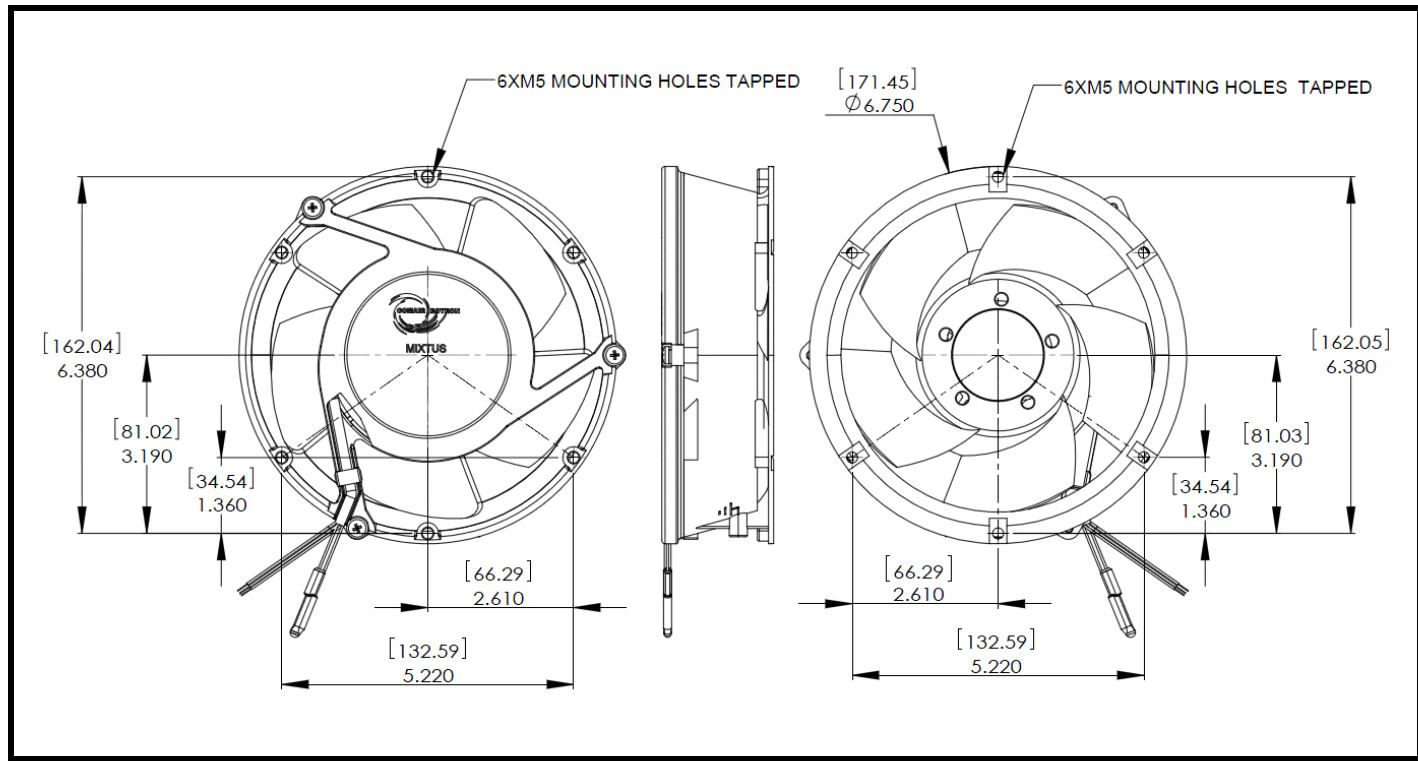
(RoHS Compliant)



**Model Number:** MFXE48Z3D3-E2  
**Part Number:** 19044018A

**Version:** 01  
**Jan 09, 2018**

## Mechanical Drawing:



### Motor:

Nominal Voltage = 48 vdc  
Operating Voltage Range = 24 - 72vdc  
Nominal Running Current = 1.55 amps  
Max. Locked Rotor Current = 3.00 amps  
Running Power = 74.4 watts  
Average Speed = 5400 rpm  
Bearings = Ball  
Air Flow = 394 CFM  
Acoustic = 72 dBA

### Construction:

Venturi: Die Cast Aluminum Alloy, Black.  
Propeller: Plastic, Black, UL 94V-0.

### Agency Approvals:

UL, CUL, CE

### Life Expectancy:

This fan is designed for continuous duty life of 72,000 hours at 40°C.

### Additional Features:

Brushless DC Motor  
Locked Rotor Protection  
Reverse Polarity Protected  
Automatic Restart Capability  
Operating Temperature: -10°C to 70°C  
Storage Temperature: -40°C to 85°C

### Alarm Output (FPS):

Open Collector (NPN Transistor)  
High on Pass, Low on Fail  
Vcc: 60Vdc Max  
Sink Current (Ic): 20mA Max  
Isolated: No  
Latching: No  
Delay: 10±4s

### Termination:

12" length lead wires, 20AWG, UL 1007  
Black – Return(-)  
Blue – FPS  
Red – Power(+)

**PQ Curve:**

