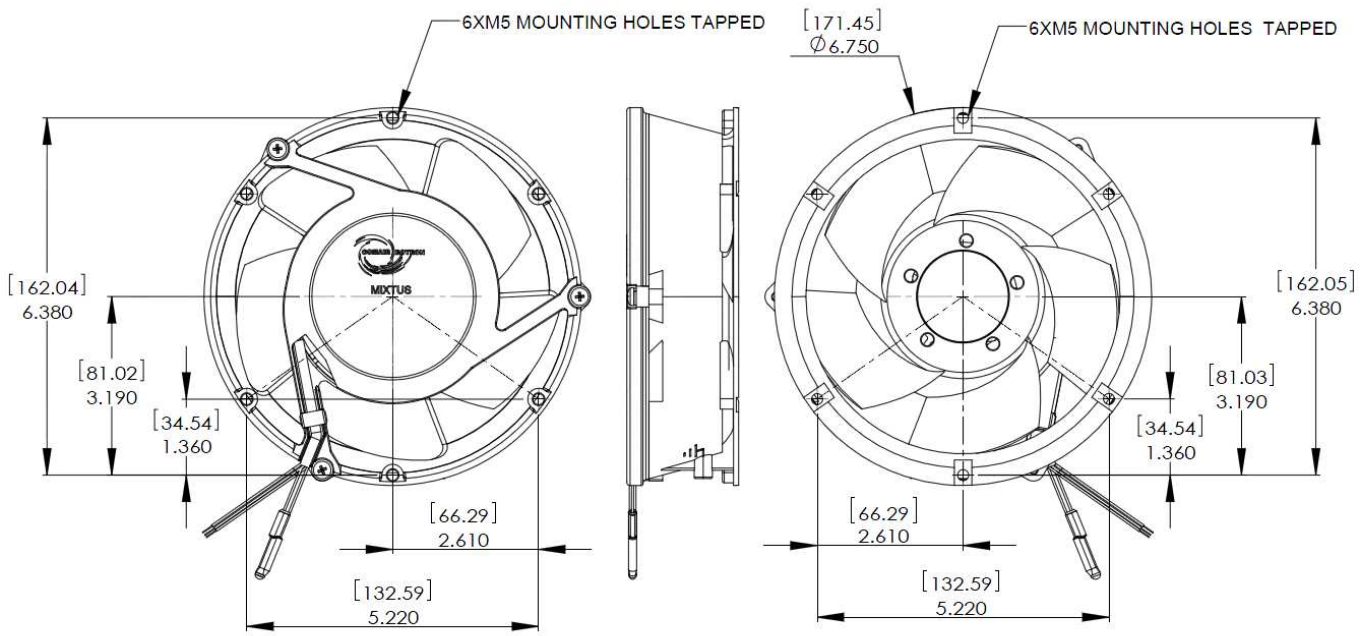
SPECIFICATIONS

(RoHS Compliant)

Model Number: MFXE48Z3D3-E2
Part Number: 19044018A
SPEC Number: 26017474A Rev:00 Apr 03, 2013

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	= 400 CFM
Acoustic	= 69 dBA

Construction:

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

Agency Approvals:

UL, CE

Life Expectancy:

This fan is designed for continuous duty life of 75,000 hours at 40°C.

Additional Features:

Brushless DC Motor
Locked Rotor Protection
Reverse Polarity Protected
Automatic Restart Capability

Operating Temperature:	-20°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(+)

Comair Rotron Specification Sheet

Specification Date: Apr 03, 2013

48V Mixed Flow P-Q Curve

