

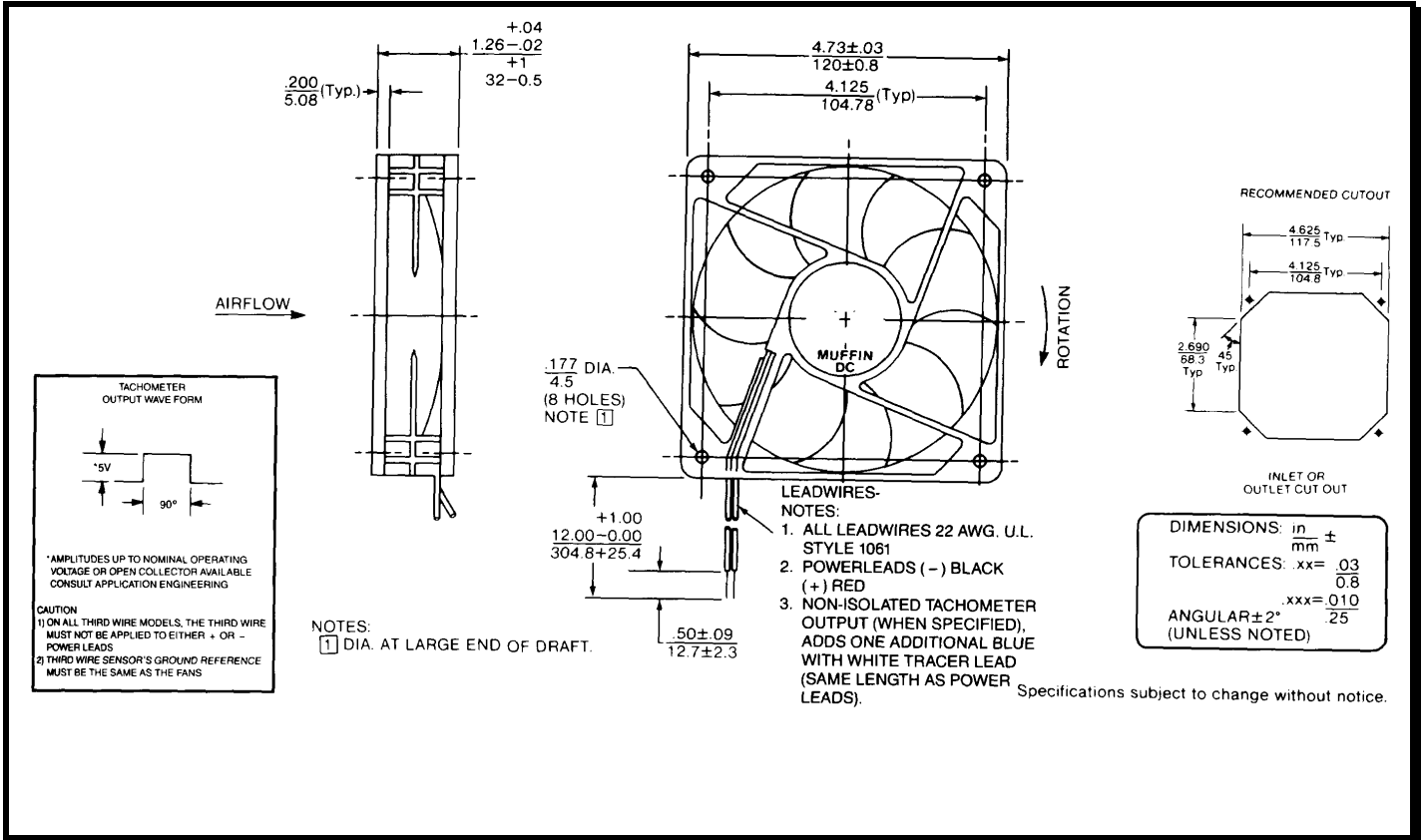
# SPECIFICATIONS

**Model Number:** MC48S3H  
**Part Number:** 17002144A

**Version:** 01  
**May 06, 2024**



## Mechanical Drawing:



## Motor (full speed):

Nominal Voltage = 48 vdc  
 Operating Voltage Range = 24 - 56 vdc  
 Nominal Running Current = 0.18 amps  
 Locked Rotor Current = 0.40 amps  
 Running Power = 8.4 watts  
 Average Speed = 3700 RPM  
 Bearings = Ball Bearing  
 Air Flow = 100 CFM  
 Acoustic = 47.8 dBA

## Construction:

Venturi: Lexan 500, Black, UL 94V-0  
 Propeller: Plastic, Black, UL 94V-0

## Life Expectancy:

This fan is designed for continuous duty life of 45,000 hours at 70°C.

## Additional Features:

Brushless DC Motor  
 Electronic Locked Rotor Protected  
 Polarity Protected  
 Automatic Restart Capability  
 Thermal Speed Control  
 Operating Temperature: -10°C to 70°C  
 Storage Temperature: -40°C to 85°C  
 Thermal Speed Control

## Termination:

PTC on 24" zip cord  
 12" Lead wires, 22AWG, UL 1061  
 Red = Fan Power  
 Black = Fan Ground

## Agency Approvals:

UL CUL CE

PQ Curve:

