

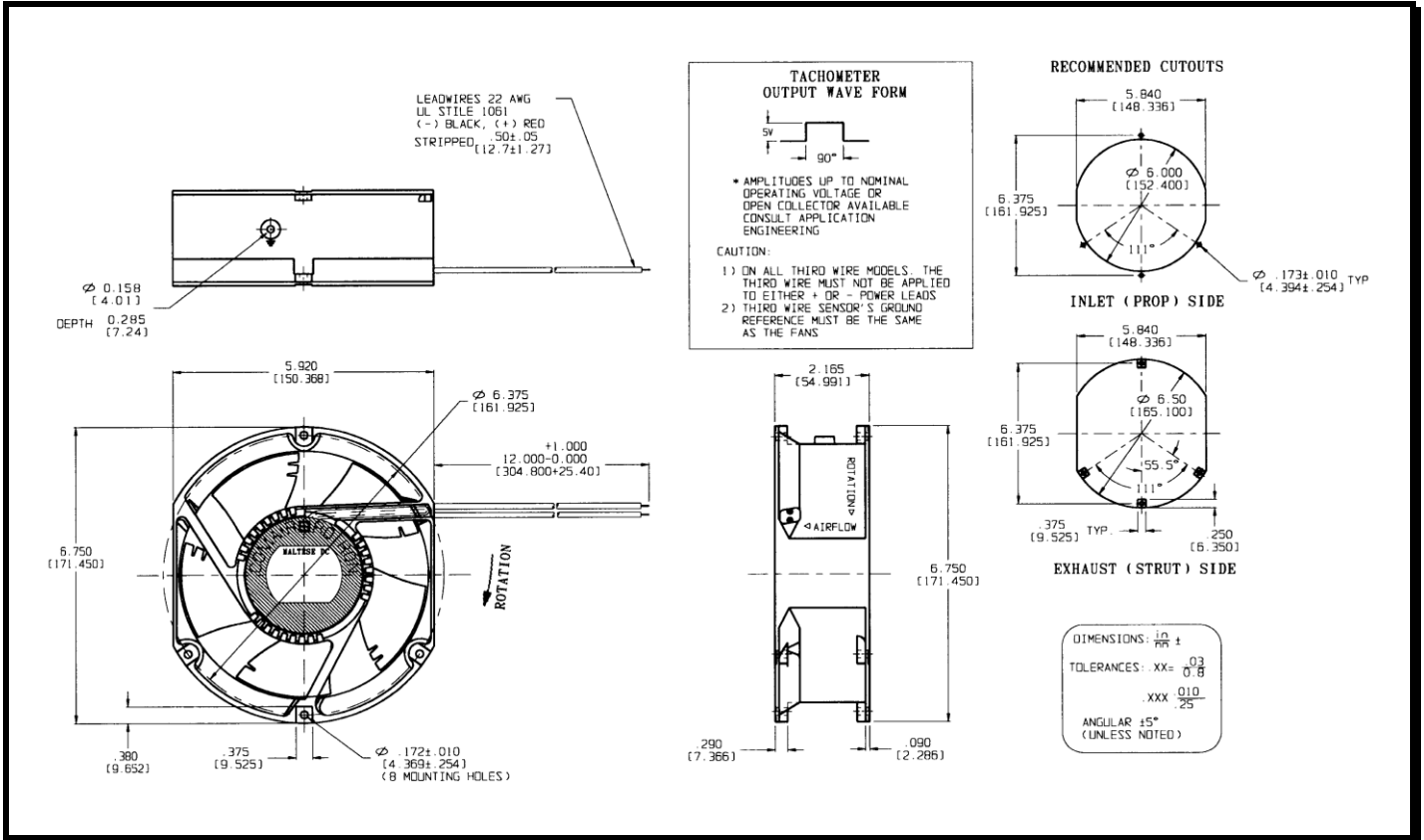
# SPECIFICATIONS



**Model Number:** MT24R7-E2  
**Part Number:** 19040521A

**Version:** 02  
**Feb 26, 2021**

## Mechanical Drawing:



### Motor:

Nominal Voltage = 24 vdc  
 Operating Voltage Range = 16 - 32 vdc  
 Nominal Running Current = 1.70 amps  
 Max. Locked Rotor Current = 3.50 amps  
 Running Power = 40.8 watts  
 Average Speed = 3400 RPM  
 Bearings = Ball  
 Air Flow = 298 CFM  
 Acoustic = 57.1dBA

### Construction:

Venturi: Single Piece Diecast Aluminum, Black.  
 Propeller: Polycarbonate, UL94V-0 Rated, Black.

### Life Expectancy:

This fan is designed for continuous duty life of 76,000 hours at 40°C.

### Agency Approved:

UL, CUL, CE

### Additional Features:

Brushless DC Motor  
 Electronic Locked Rotor Protected  
 Polarity Protected  
 Automatic Restart Capability  
 Programmable  
 Operating Temperature: -10°C to 70°C  
 Storage Temperature: -40°C to 85°C  
 Envirosield : Type 2

### Tachometer:

Output: 5 volt TTL  
 I<sub>c</sub>: 5 mA Typical  
 Isolated: No  
 Pulses per Revolution: 2

### Termination:

12" Lead wires, 22 AWG, UL 1061  
 Red = Fan Power (+)  
 Black = Fan Ground (-)  
 Blue/White = Tach Signal  
 Yellow = Program Lead

PQ Curve:

