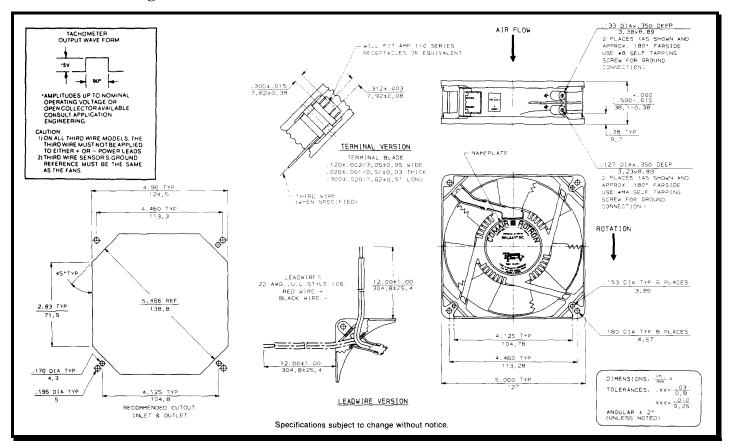
# **SPECIFICATIONS**

**Model Number:** GL24K3QDN Part Number:

16008011A Mar. 26, 2014



## **Mechanical Drawing:**



## Motor:

Nominal Voltage = 24 vdcOperating Voltage Range = 12 - 28 vdcNominal Running Current = 0.60 ampsLocked Rotor Current = 2.5 amps**Running Power** = 14.4 watts Average Speed = 3800 RPM= Ball**Bearings** 

Air Flow = 175 CFMAcoustic  $= 60.2 \, dBA$ 

#### Construction:

Venturi: Die Cast Zinc, Black Propeller: Plastic, Black, UL 94V-0

## **Life Expectancy:**

This fan is designed for continuous duty life of 82,500

hours at 50°C.

#### **Agency Certifications:**

UL

## Additional Features:

Brushless DC Motor Locked Rotor Protection Automatic Restart Capability

Polarity Protected

Operating Temperature: -10°C to 70°C Storage Temperature: -40°C to 85°C PTC in hub: T<0°C 0rpm 0≤T<40°C 3200rpm

T>40°C 3800rpm

## Fan Performance Sensor:

Output: Open Collector

Ic 20mA Max.

Vcc 28vdc

Logic: High on Pass, low on Fail

Delay:  $10 \text{ sec. } \pm 4 \text{ sec.}$ Latching/ Isolated: No

#### **Termination:**

30mm ±5mm Harness Assembly, 22 AWG, UL 1061

(From the edge of the venturi to the harness.)

Connector - Molex 39-01-4031 Terminal – Molex 39-00-0183

Pin 1 = Fan Power (Red)

Pin 2 = Fan Return (Black) Pin 3 = FPS (Blue)