SPECIFICATIONS

Model Number: JQ24B3QDNX
Part Number: 032571

April 25, 2005

COMAIR ROTRON

Mechanical Drawing:
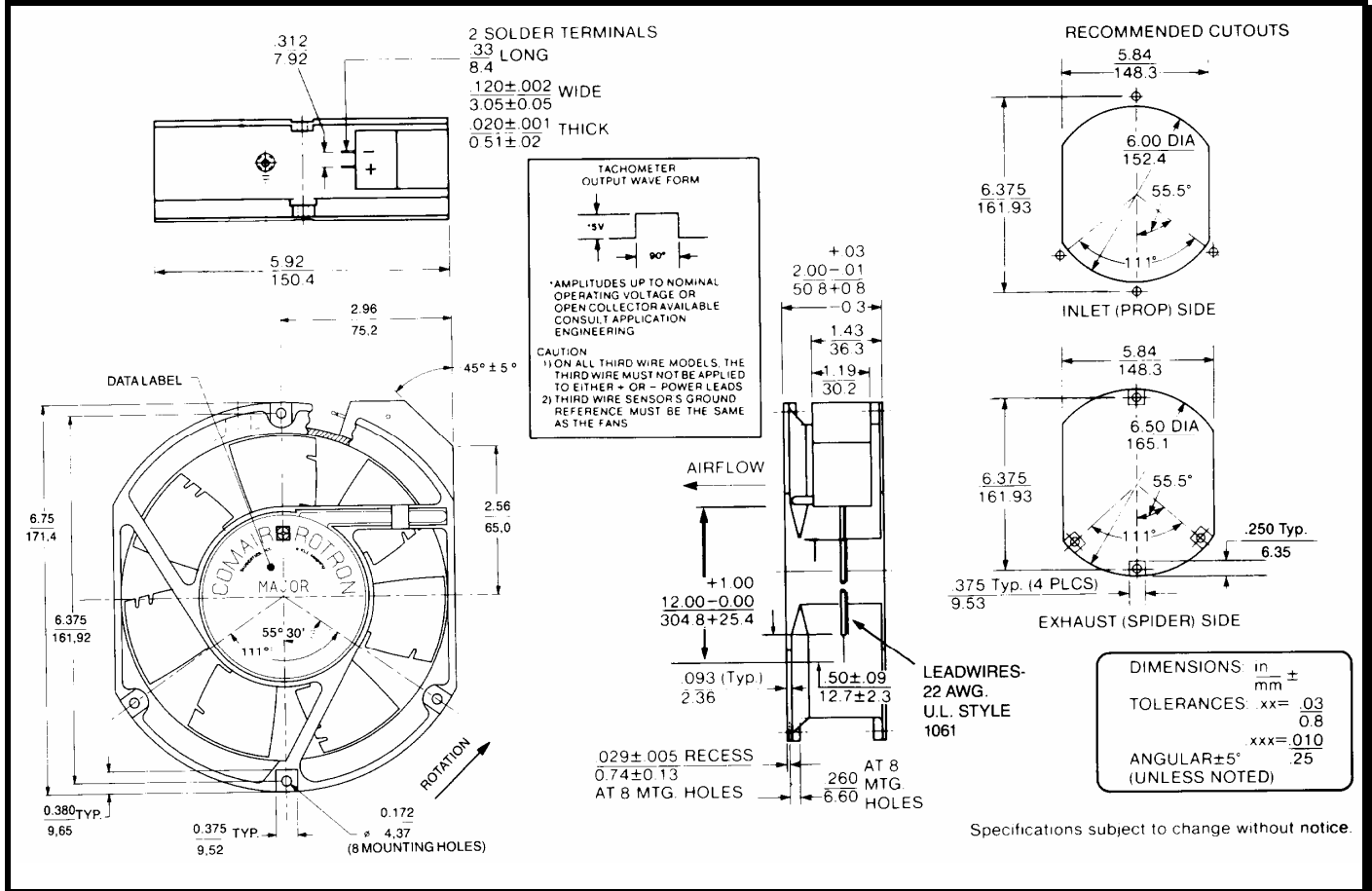
Motor:

Nominal Voltage	= 24 vdc
Operating Voltage Range	= 12 - 28 vdc
Nominal Running Current	= 1.00 amps
Locked Rotor Current	= 1.55 amps
Running Power	= 24.0 watts
Average Speed	= 3425 rpm
Bearings	= Ball
Air Flow	= 235 cfm
Acoustic	= 54.3 dBA

Construction:

Venturi: Die-cast aluminum, Black
Propeller: Plastic, Black, UL 94V-0

Agency Approvals:

UL, TUV, CSA

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
Automatic Restart Capability
Polarity Protected

Operating Temperature	-10°C to 70°C
Storage Temperature	-40°C to 85°C

Fan Performance Sensor (FPS):

Output:	Open Collector
I_c:	20 mA Max
V_{ce}:	28 Vdc Max
Logic Level:	High on Pass, Low on Fail
Isolated:	No
Latching:	No
Delay:	10 ± 4 seconds

Termination:

12" Lead wires, 22 AWG, UL1061
Red = Power (+)
Black = Return (-)
Blue/White = Alarm (FPS)