



SPECIFICATION FOR APPROVAL

CUSTOMER:

MODEL NO: **ATB1232L-12HH2B-PD1**

DESCRIPTION:

DATE: August 1, 2006

CUSTOMER APPROVAL SIGNATURE

CUSTOMER APPROVED STAMP

*PLEASE RETURN ONE TO US AFTER CHECKING

UTECH

United Thermal Engineering Corporation

453 Ravendale, Suite C
Mountain View, CA 94043

Tel : 650-428-1188

Fax : 650-428-1110

E-Mail : info@utecusa.com

Web Site : www.utecusa.com

PRODUCT SPECIFICATION

A. GENERAL SPECIFICATION

ITEM	SPECIFICATION/CONDITION
A-1 Part No.	ATB1232L-12HH2B-PD1
A-2 Outline Dimension	120x120x32
A-3 Rated Voltage	12V
A-4 Operating Voltage Range	8~13.8V
A-5 Rated Current	1.9A Maximum
A-6 Power Consumption	22.8W Maximum
A-7 Rated Speed	3500RPM±10%
A-8 Max. Airflow	49.52 CFM
A-9 Max Static Pressure	45.7 mmH2O
A-10 Noise Level	60.9 dBA
A-11 Rotation Direction	Anti-clockwise Direction

B. ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION/CONDITION
B-1 Temperature life expectancy	70000 Hours
B-2 Insulation Resistance	At least 10MΩ at 500VDC between housing and both lead wires.
B-3 Dielectric Strength	Withstand 600VAC 1 minute 1Ma between housing and both lead wires.

C. MAIN MATERIAL/PARTS SPECIFICATION

ITEM	MAJOR COMPONENTS	MATERIAL OR TYPE	GRADE
C-1	Housing & Impeller	Plastic	
C-2	Splash Proof	NO	
C-3	Weight	g	
C-4	LEAD WIRES	UL1007#24 Single Wire	
C-5	CONNECTOR HOUSING	NP Two lead wire	
C-6	CONNECTOR		
C-7	BEARING	Ball Bearing	

D. ENVIRONMENTAL SPECIFICATION

ITEM	SPECIFICATION/CONDITION
D-1	Operation Temperature -10°C,~+70°C, /66%(RH)
D-2	Storage Temperature -40°C,~+70°C, /66%(RH)
D-3	Environment Humidity Less than 85%(RH)

E-1.Shock test

Pulse shape.Half-sine wave

Shock duration time.2ms

Velocity.70.100 inch/sec

Number of shock.one shock for each of six faces (Total : six shocks)

E-2.Vibration

Frequency range.10.500Hz scan 15 minutes?

Direction.X.Y.Z?

Acceleration.1.5g r.m.s?each direction 2 hours?

Figure 1. Fan Performance Curve



