



SPECIFICATION FOR APPROVAL

CUSTOMER:
MODEL NO: **AT6025L48HH2B-PD1**
DESCRIPTION:
DATE: **2008.12.03**

CUSTOMER APPROVAL SIGNATURE

CUSTOMER APPROVED STAMP

*PLEASE RETURN ONE TO US AFTER CHECKING

UTECH

United Thermal Engineering Corporation

453 Ravendale Dr., 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.	AT6025L48HH2B-PD1
A-2	Outline Dimension	60x60x25
A-3	Rated Voltage	48V
A-4	Operating Voltage Range	38~52.8V
A-5	Starting voltage	38V
A-6	Rated Current	0.09A(Max:0.108A)
A-7	Power Consumption	5.28W
A-8	Rated Speed	5000RPM±10%
A-9	Max. Airflow	29.32 CFM
A-10	Max Static Pressure	6.67 mmH ₂ O
A-11	Noise Level	40dBA(Max:42.1dBA)
A-12	Rotation Direction	Anti-clockwise Direction
A-13	AT6025L48HH2B-PD1	Auto Restart Function

B.ELECTRICAL SPECIFICATION

ITEM		SPECIFICATION/CONDITION
B-1	Temperature life expectancy	70000 Hours(45°C)
B-2	Insulation Resistance	At least 10MΩ at 500VDC between hour lead wires.

B-3	Dielectric Strength	Withstand 600VAC 1 minute 1Ma between housing and both lead wires.
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C.MAIN MATERIAL/PARTS SPECIFICATION

ITEM	MAJOR COMPONENTS	MATERIAL OR TYPE
C-1	Housing & Impeller	Plastic
C-2	Splash Proof	NO
C-3	Weight	48g
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/CONDIT
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)

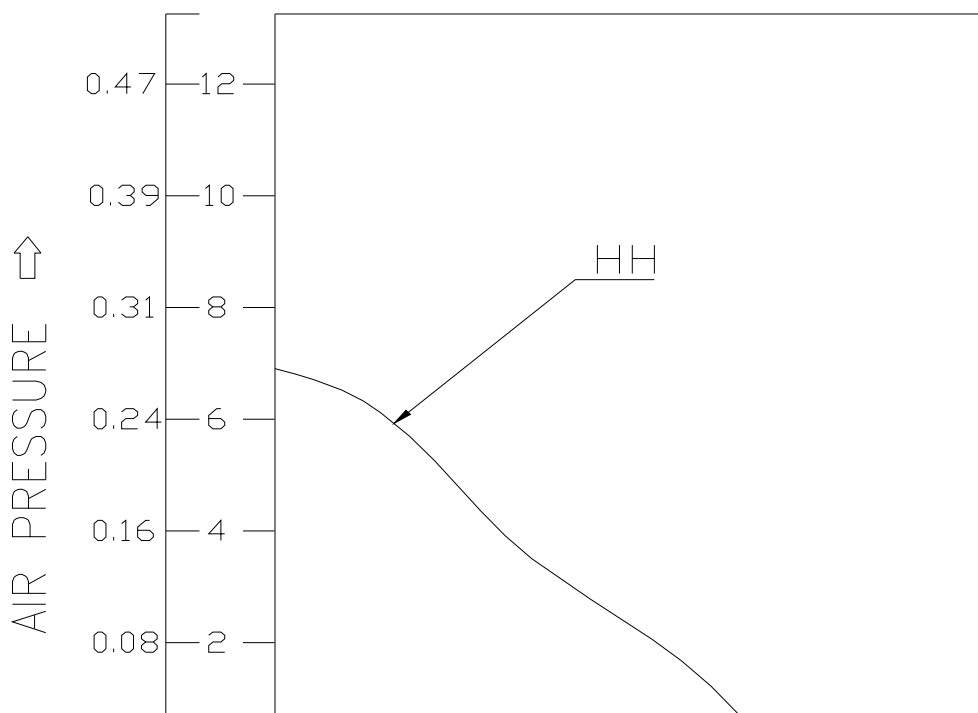
E-2.Vibration

Frequency range : 10~500Hz scan 15 minutes .

Direction : X、 Y、 Z .

Acceleration : 1.5g r.m.s, each direction 2 hours .

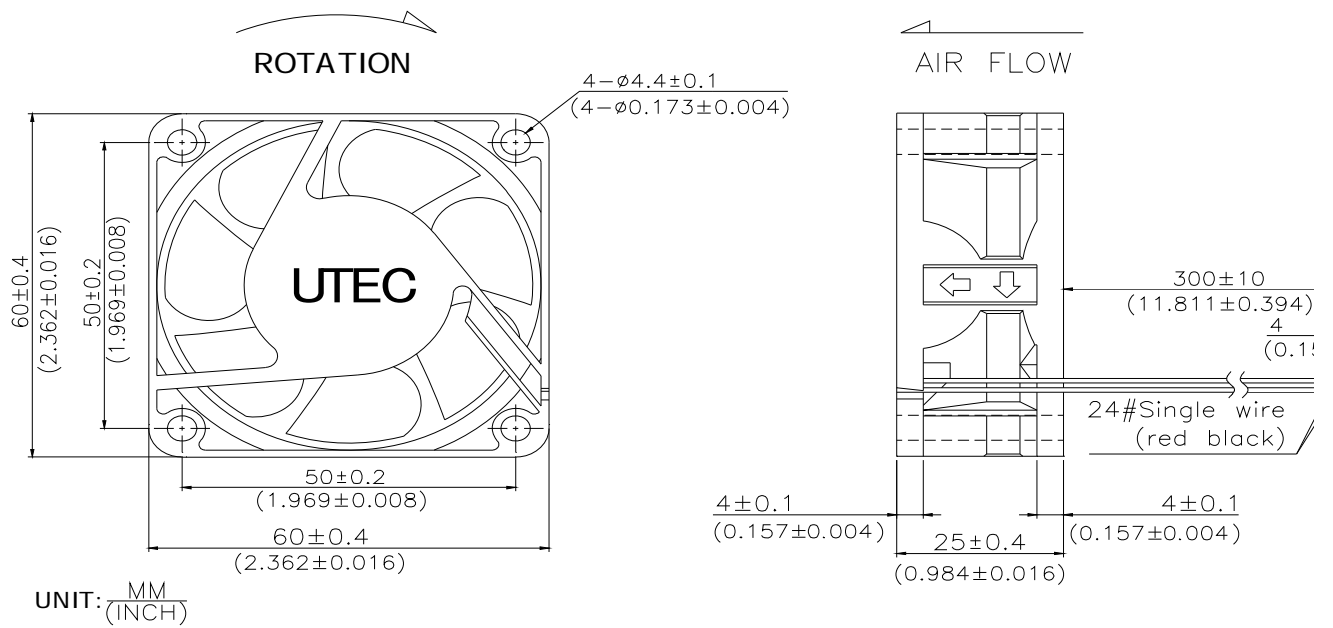
Figure 1. Fan Performance Curve





6025 FAN AIR FLOW ⇨

Figure 2 Fan Dimension & Assembly



Notes:

1. Tolerances:

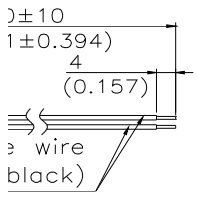
2. Impeller must not protrude beyond front surface
3. Minimum 0.50 radius at all rib intersections
4. Unit: mm

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