ACTIVA INC.

SPECIFICATION SHEET

MODEL NO. :	A17251V2HBL-C
DESCRIPTION :	AC COOLING FAN
VERSION :	A
RELEASED DATE :	2012.02.03

APPROVED BY	CHECKED BY	PREPARED BY
	Rona Tseng	*Mercy Hsu*
	2012.02.03	2012.02.03

ACTIVA INC.

9F-1,472,Chung San 2nd Road, Kaohsiung 800, Taiwan, R.O.C.

Tel: 866-7-22824356 Fax: 886-7-2414287 E-Mail:symbang@seed.net.tw

Web Site: http://www.activa.com.tw

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PRODUCT SPECIFICATION

A. General Specification

Item		Specification			Condition
1	Model No.	A17251V2HBL-C			
2	Outline Dimension	172 x 151 x 51	mm		
3	Rated Voltage	AC 230	V		
4	Operating Voltage Range	AC 185-245	V		
5	Start Voltage	AC 185	V		
6	Frequency	50/60	Hz		
7	Rated Current	0.28/0.23	A	+10%	At Rated Voltage, 25°C, 65% RH, Free Air
8	Power Consumption	43/37	W		
9	Rotating Speed	2800/3100	RPM	±10%	At Rated Voltage, 25°C, 65% RH, Free Air
10	Max. Airflow	186/192	CFM		At Rated Voltage AMCA A210 Standard At Rated Current
11	Max. Static Pressure	11.68/8.38	mmH_2O		
12	Noise Level	50/45	dB(A)		At Rated Voltage Measured in a non-echo Chamber CNS 8753 Standard ISO 3744 Test Condition
13	Life	50,000hrs	at 25°C		MTBF (Mean Time Between Failures) Conf. Level 65%
14	No. of Blade	5	Blades		
15	No. of Pole	2	Poles		
16	Rotating Direction	Counterclockwise View From Label Side			
17	Weight	1000	g		
18	Motor Type	AC Induction Shaded-Pole Motor			
19	Safety	Impedance Protected			

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B. Main Materials / Parts Specification

	Materials / Parts	Specification
1	Housing	Aluminum Die Casting, Painted Black
2	Blade	Thermoplastic PBT, UL94V-0
3	Bearing	Ball Bearings
4	Termination	Lead Wires
5	Connector	N/A

C. Safety Approvals

Safety Approvals	UL	TUV	
File Number	E193733	N/A	

D. Environmental Specification

	Item	Specification / Condition
1	Operating Temp. Range	Temperature : -10°C ~ + 70°C Humidity : 35% - 85% RH
2	Storage Temperature	All function shall be normal after 500 hours storage at -40℃ to +70℃ with a 24 hours recovery period at room temperature.
3	Humidity	After 96 hours, 95% RH, 40+/-2℃ per MIL-STD-202F, method 103B humidity test, the measured data on insulation resistance and dielectric strength shall meet the specification.
4	Thermal Shock	Per MIL-STD 202F Method 107D, Condition D
5	Insulation Shock	Class A

E. Electrical Specification

	Item	Specification/Condition
1	Insulation Resistance	Minimum 10MΩ Between frame and AC lead wire / terminal at 500VDC for 60 seconds
2	Dielectric Strength	Maximum leakage 5ma between frame and AC lead wire / terminal at 1.5KVAC for 60 seconds.

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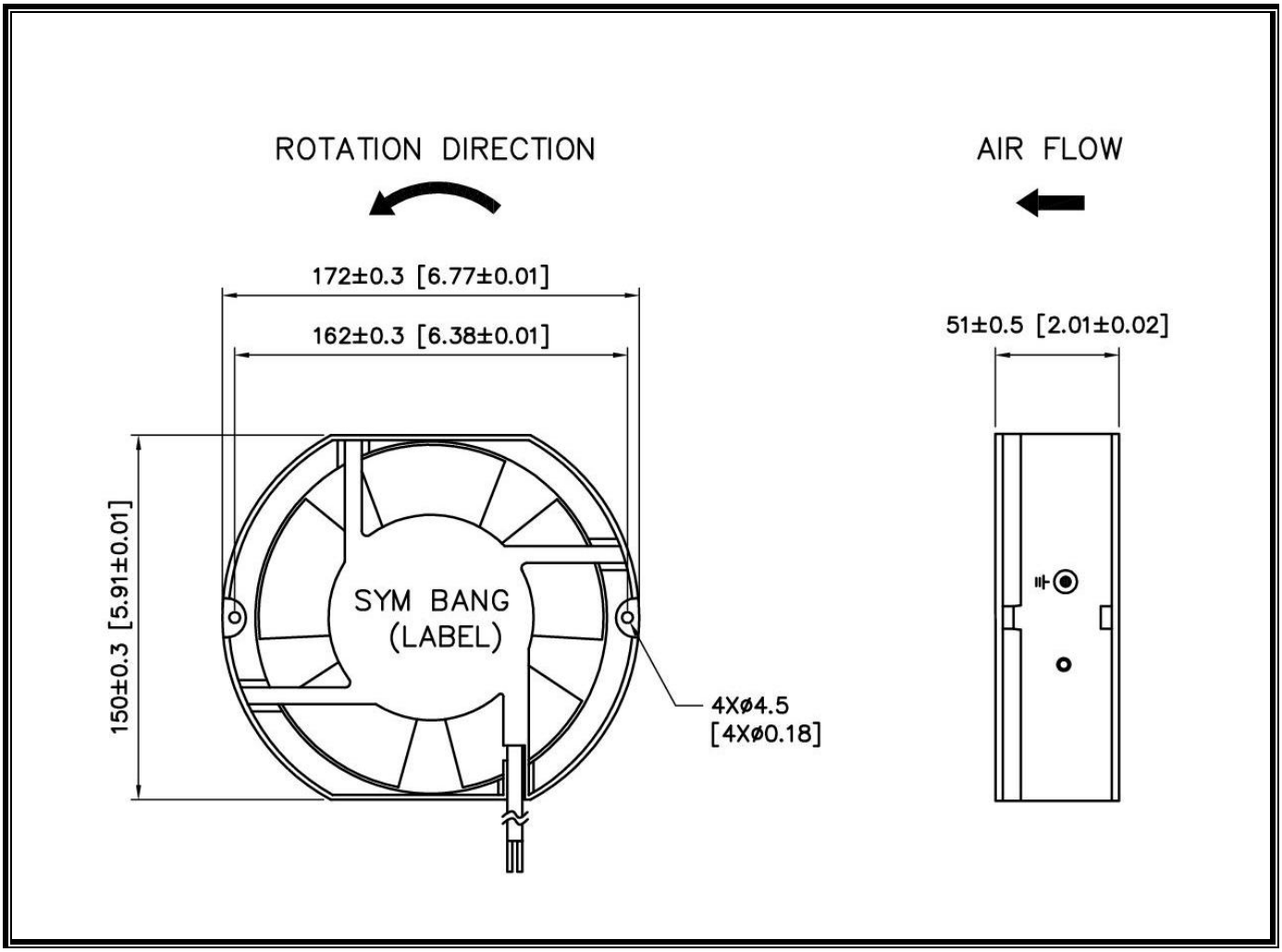
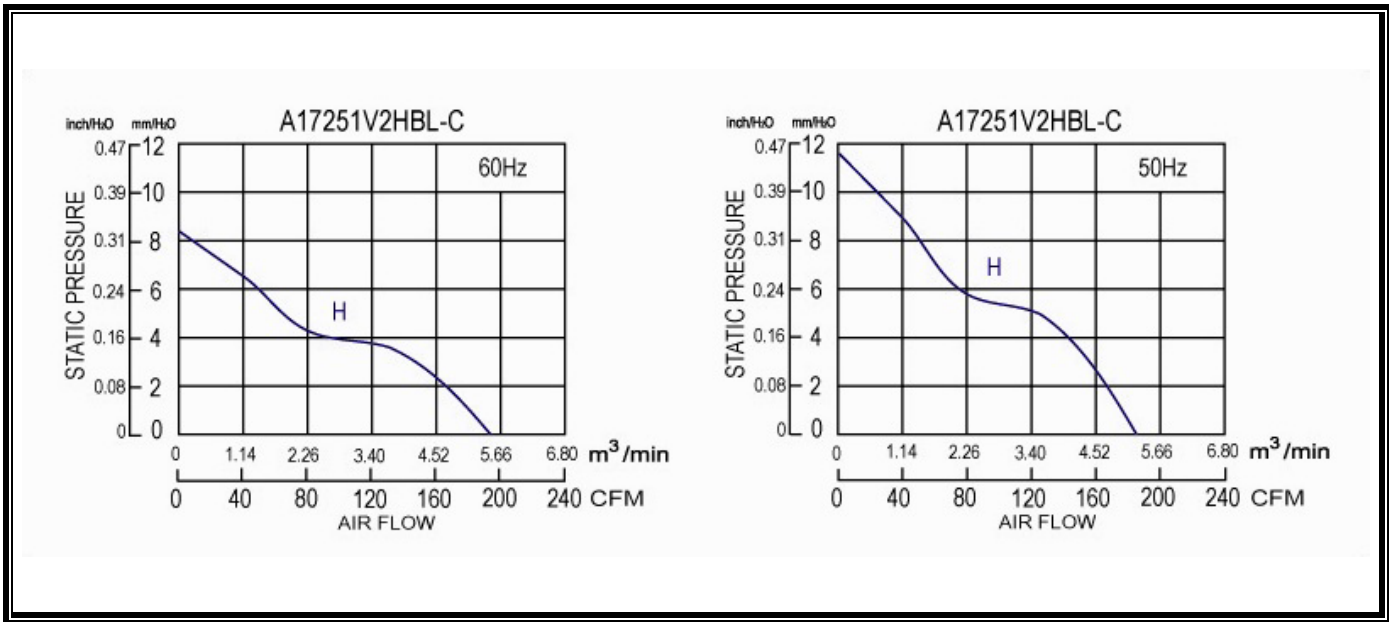
F. Outline Dimension



G. Airflow Performance



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H. Notes:

1.1 Please do not touch and push fan blade with fingers or others, fan blade and bearings may be damaged and it causes noise defect.

1.2 Do not carry the fan by its lead wires.

1.3 If the AC fan or DC fan which with signal functions does not have the polarity protection function, the connection of the colored wires should be red + red, and black + black, or else.

1.4 For the models without reverse connection of polarity protection, please do not connect the lead wire in reverse.

1.5 Please don’t install this fan in series with 2x voltage inputs. For example, if a single fan rated at 115VAC (12VDC), then don’t install two of them in series with 230VAC (24VDC) input.