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SPC-F005.DWG

REVISIONS

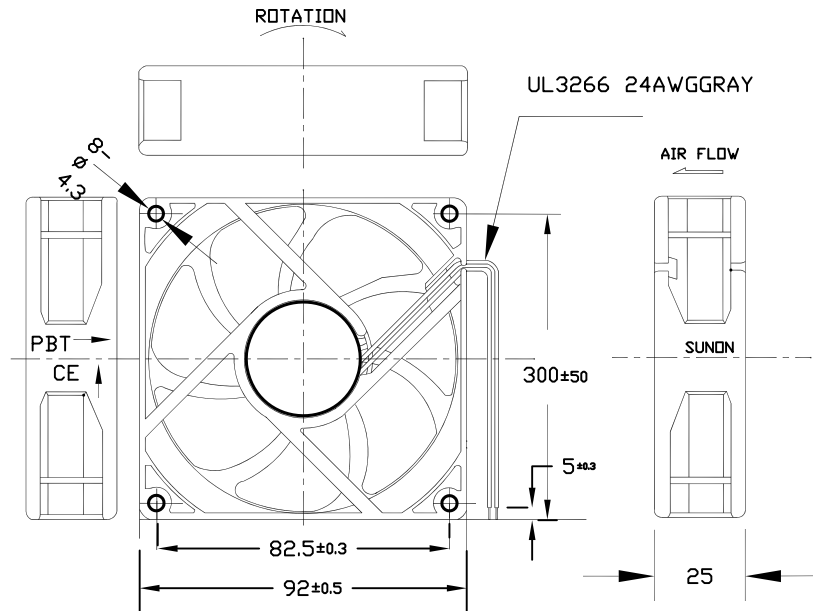
DDC. NO. SPC-F005 \* Effective: 7/8/02 \* DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
XX	A	RELEASED	LG	05-08-08	JN	05-08-08	JN	05-08-08
2067	B	Listing Info Updated	JN	08-14-09	JN	08-14-09	JN	08-14-09

MATERIAL

2. Material

- 2.1. Frame : Thermoplastic PBT of UL 94V-0
- 2-2. Impeller : Thermoplastic PBT of UL 94V-0
- 2-3. Lead Wire : UL3266, 24awg, GRAY



- 1. Air Flow Direction : Toward label side.
- 2. Best Mounting Direction : Any orientation.



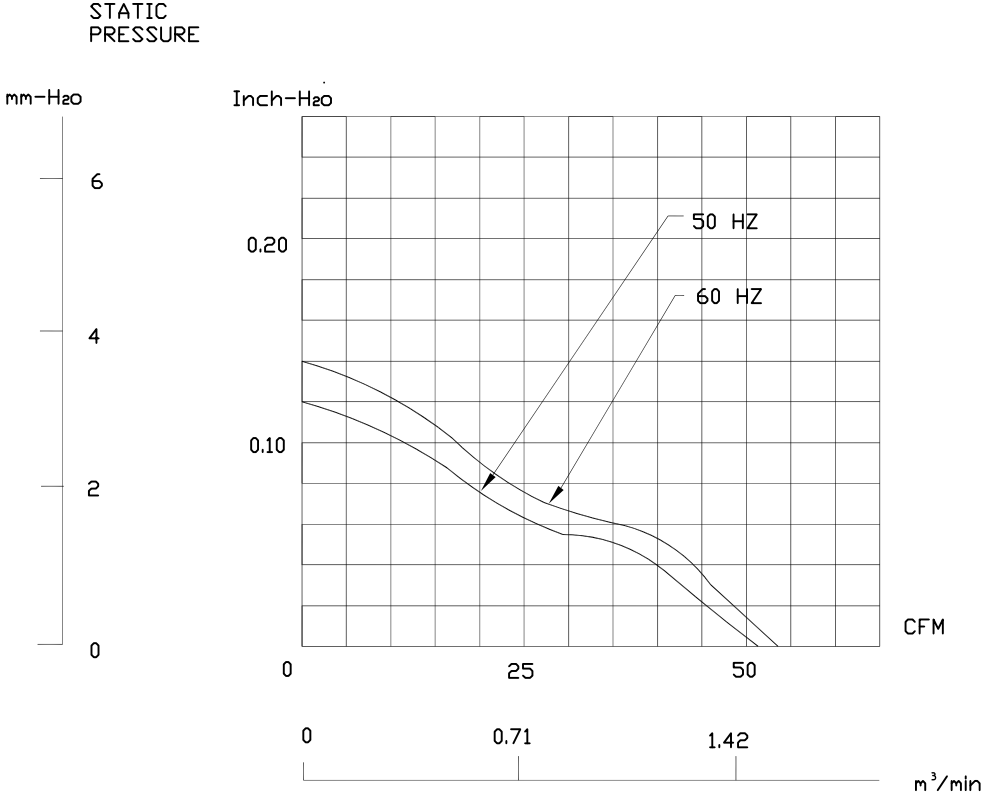
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TOLERANCES:  
**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.**

DRAWN BY:	DATE:
LG	05-08-08
CHECKED BY:	DATE:
JN	05-08-08
APPROVED BY:	DATE:
JN	05-08-08

DRAWING TITLE:			
Axial AC Fan			
SIZE	DWG. NO.	ELECTRONIC FILE	REV
B	MC21683	14M9039.dwg	A
SCALE:	U.O.M.:	SHEET:	
NTS	INCHES [mm]	1	OF 4

PERFORMANCE CURVES



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SIZE <b>A</b>	DWG. NO. <b>MC21683</b>	ELECTRONIC FILE <b>14M9039</b>	REV <b>B</b>
SCALE: NTS	U.O.M.: Millimeters	SHEET: 2 OF 4	

## SPECIFICATIONS

1-1. Rated Voltage	:	220-240 VAC 50 HZ	220-240 VAC 60 HZ
1-2. Operating Voltage Range	:	150~250 VAC	
1-3. Starting Voltage	:	150 VAC (25deg.C POWER ON/OFF)	
1-4 Rated Speed	:	2900 RPM ± 20%	3000 RPM ± 20%
1-5. Air Delivery	:	52 CFM	54 CFM
1-6. Static Pressure	:	0.12 Inch-H <sub>2</sub> O	0.14 Inch H <sub>2</sub> O
1-7. Rated Current	:	220 mA (RMS)	226 mA (RMS)
		103 mA (TRUE RMS)	106 (TRUE RMS)
1-8. Rated Power	:	4.6 WATTS	4.6 WATTS
1-9. Noise Level	:	31 dB(A)	32 dB(A)
1-10. Direction of Rotation	:	Counter-clockwise viewed from front of fan blade	
1-11. Operating Temperature	:	-10 to +70 deg. C	
1-12. Storage Temperature	:	-40 to +70 deg. C	
1-13. Bearing System	:	Vapo bearing system	
1-14. Weight	:	119.7g	
1-15. Safety	:	UL/CUR Approvals	
1-16. Vibration	:	Vibration of acceleration 1.5G and frequency 5~50~5Hz is applied in all 3 directions(X,Y,Z), in cycles of 1 minute each, for a total vibration time of 30 minutes.	



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SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	MC21683	14M9039	B
SCALE: NTS	U.O.M: Millimeters	SHEET: 3 OF 4	

## CHARACTERISTICS

- |                          |   |   |
|--------------------------|---|---|
| 1. Motor Design          | : | DC brushless 4 pole motor design.   |
| 2. Insulation Resistance | : | 10Megohms minimum at 500 VDC  |
| 3. Dielectric Strength   | : | 1500 VAC for one second.  |
| 4. Motor protection      | : | Impedance protected.  |
| 5. Noise Level           | : | Measured in a semi-anechoic chamber with background noise level below 15 dB(A).The fan is running in free air with the microphone at a distance of one meter from the fan intake. |
| 6. Tolerance             | : | ±15% on rated power and current.  |
| 7. Air Performance       | : | Measured by a double chamber. The values are recorded when the fan speed has stabilized at rated voltage.   |

