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SPC-F005.DWG

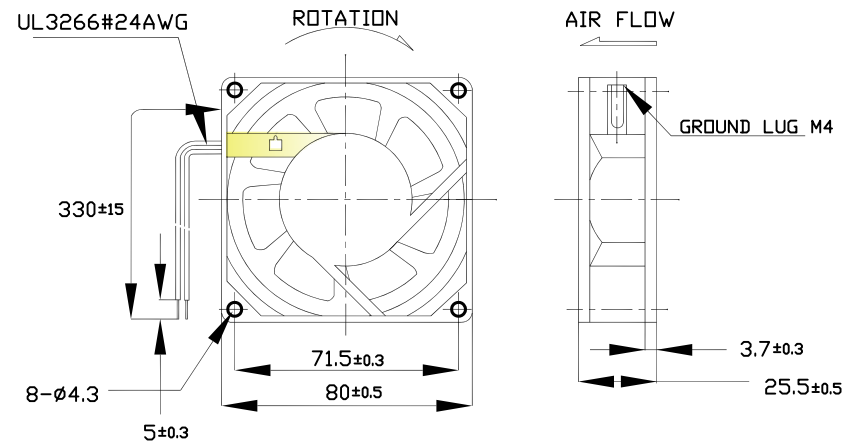
REVISIONS

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

| DCP # | REV | DESCRIPTION | DRAWN | DATE    | CHECKD | DATE    | APPRVD | DATE    |
|-------|-----|-------------|-------|---------|--------|---------|--------|---------|
| XX    | A   | RELEASED    | LG    | 28-7-08 | JN     | 28-7-08 | JN     | 28-7-08 |

**MATERIAL**

- 2-1. Frame : DIE-CAST ALUMINUM
- 2-2. Impeller : Thermoplastic PBT of UL 94V-0
- 2-3. Lead Wire : UL3266,24awg,GRAY



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



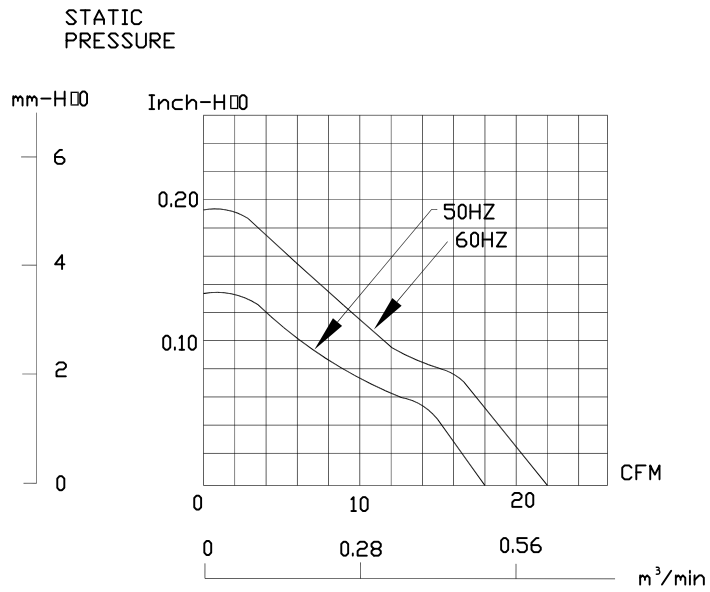
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**TOLERANCES:  
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|              |         |
|--------------|---------|
| DRAWN BY:    | DATE:   |
| LG           | 28-7-08 |
| CHECKED BY:  | DATE:   |
| JN           | 28-7-08 |
| APPROVED BY: | DATE:   |
| JN           | 28-7-08 |

|                                       |                     |                 |     |
|---------------------------------------|---------------------|-----------------|-----|
| DRAWING TITLE:<br><b>Axial AC FAN</b> |                     |                 |     |
| SIZE                                  | DWG. NO.            | ELECTRONIC FILE | REV |
| A                                     | MC32924             | 71P8702.dwg     | A   |
| SCALE: NTS                            | U.O.M.: INCHES [mm] | SHEET: 1 OF 1   |     |

### PERFORMANCE CURVES



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|                  |                            |                                       |                 |
|------------------|----------------------------|---------------------------------------|-----------------|
| SIZE<br><b>A</b> | DWG. NO.<br><b>MC32924</b> | ELECTRONIC FILE<br><b>71P8702.dwg</b> | REV<br><b>A</b> |
| SCALE: NTS       |                            | U.O.M.: Millimeters                   | SHEET: 2 OF 4   |

## SPECIFICATIONS

|                             |   |  |
|-----------------------------|---|--|
| 1-1. Rated Voltage          | : | 115 VAC  |
| 1-4. Rated Speed            | : | 2300/2750 RPM                                    |
| 1-5. Air Delivery           | : | 17/21 CFM  |
| 1-6. Static Pressure        | : | 0.12/0.18 Inch-H <sub>2</sub> O                  |
| 1-7. Rated Current          | : | 0.12/0.10 Amp                                    |
| 1-8. Rated Power            | : | 12/11WATTS                                       |
| 1-9. Noise Level            | : | 29/33 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        | : | Sleeve bearing system                            |
| 1-14. Weight                | : | 260g   |
| 1-15. Safety                | : | UL/CUR Approvals                                 |



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SIZE DWG. NO.

A

MC32924

ELECTRONIC FILE

71P8702.dwg

REV

A

## CHARACTERISTIC

- |                          |   |   |
|--------------------------|---|---|
| 1. Motor Design          | : | Reliable shaded-Pole Motor Construction.  |
| 2. Insulation Resistance | : | 500Megohms 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 microphone at a distance of one meter from the fan intake. |
| 6. Tolerance             | : | ±20% 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.   |

