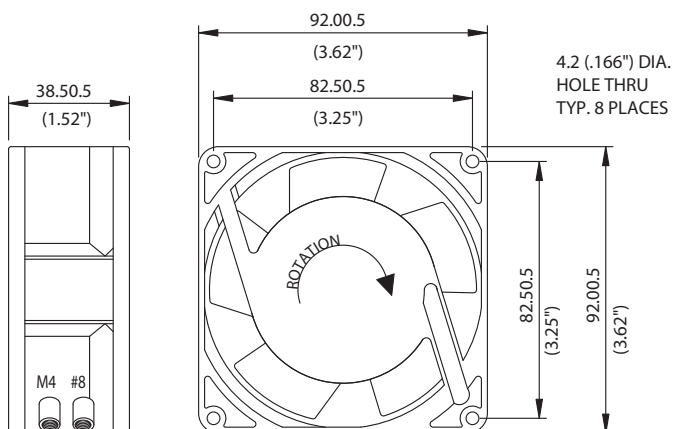


# OA938 Series



AC Fan - 115V, 230V, Dual Voltage  
92 x 38mm(3.62" x 1.5")



|                       |                                                |                                                                                                                    |
|-----------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Frame                 | Diecast Aluminum                               | <u>Operating Temperature</u><br>Ball Bearing<br>-20C ~ +80C<br>Sleeve Bearing<br>-10C ~ +50C                       |
| Impeller              | PBT, UL94V-O plastic                           |                                                                                                                    |
| Connection            | 2x Lead Wires 22 AWG or terminals              |                                                                                                                    |
| Motor                 | Shaded pole, impedance protected               | <u>Life Expectancy</u><br>Ball Bearing<br>60,000 hours (L10 at 40C)<br>Sleeve Bearing<br>30,000 hours (L10 at 40C) |
| Bearing System        | Dual ball or Sleeve                            |                                                                                                                    |
| Insulation Resistance | >100M ohm between lead-wire and frame (500VDC) | <u>Dual Voltage</u><br>Connection via 4x leads.<br>Fans can be configured for 115V or 230V operation.              |
| Dielectric Strength   | 1 min at 1500 VAC, 50/60Hz                     |                                                                                                                    |

| Airflow (CFM) | Static Pressure (inches H2O) - OA938AP-11-1* | Static Pressure (inches H2O) - OA938AP-11-2* | Static Pressure (inches H2O) - OA938AP-11-3* |
|---------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|
| 0             | 0.22                                         | 0.17                                         | 0.09                                         |
| 10            | 0.18                                         | 0.13                                         | 0.06                                         |
| 20            | 0.14                                         | 0.10                                         | 0.03                                         |
| 30            | 0.12                                         | 0.07                                         | 0.00                                         |
| 40            | 0.06                                         | 0.00                                         | -                                            |
| 50            | 0.00                                         | -                                            | -                                            |

| Model Number       | Speed (RPM) | Airflow (CFM) | Noise (dB) | Volts AC | Voltage Range | Watts | Max. Static Pressure ("H2O) |
|--------------------|-------------|---------------|------------|----------|---------------|-------|-----------------------------|
| OA938AP-11-1*      | 3100        | 50            | 32         | 115      | 80~130        | 9     | .22                         |
| OA938AP-11-2*      | 2400        | 39            | 23         | 115      | 80~130        | 5     | .17                         |
| OA938AP-11-3*      | 1800        | 26            | 19         | 115      | 80~130        | 3     | .10                         |
| OA938AP-22-1*      | 3100        | 50            | 32         | 230      | 160~260       | 9     | .22                         |
| OA938AP-22-2*      | 2400        | 39            | 23         | 230      | 160~260       | 5     | .17                         |
| OA938AP-22-3*      | 1800        | 26            | 19         | 230      | 160~260       | 3     | .10                         |
| OA938AP-11/22-1W** | 3100        | 50            | 32         | 115/230  | 80~260        | 9     | .22                         |
| OA938AP-11/22-2W** | 2400        | 39            | 23         | 115/230  | 80~260        | 5     | .17                         |
| OA938AP-11/22-3W** | 1800        | 26            | 19         | 115/230  | 80~260        | 3     | .10                         |

\* Indicate "TB" (Terminal Ball Bearing), "WB" (12" Wire Leads, Ball Bearing), "TS" (Terminal, Sleeve Bearing), "WS" (12" Wire Leads, Sleeve Bearing)  
\*\* Indicate "B" (Ball Bearing) or "S" (Sleeve Bearing)