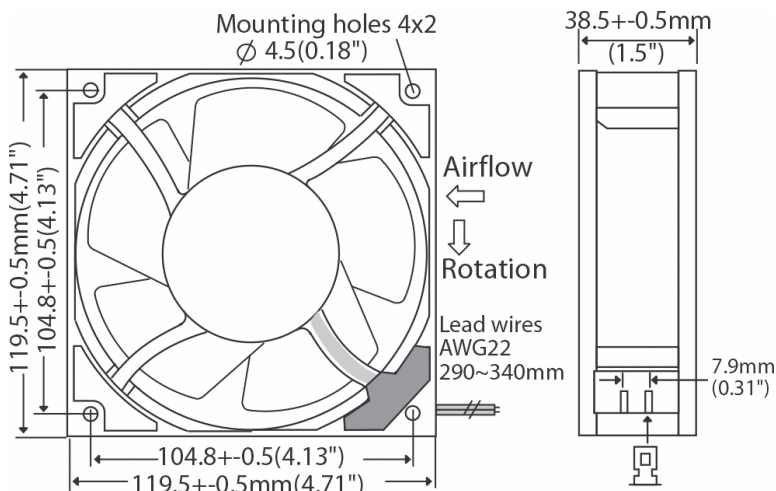


# OA109 Series - All Metal



AC Fan - 115V, 230V  
120x38mm (4.7"x 1.5")



|                       |                                                |                                                                                                                                                                                                                                                                              |  |
|-----------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Frame                 | Diecast Aluminum                               | <u>Operating Temperature</u><br>Ball Bearing<br>-30C ~ +80C<br>(non-condensing)<br><u>Storage Temp</u><br>-40C ~ +100C<br><br><u>Life Expectancy</u><br>Ball Bearing<br>50,000 hours (L10 at 55C)<br><br>Environmental Protection<br>IP55<br><br>Weight: ~ 1.3 lbs<br><br>m0 |  |
| Impeller              | Metal Alloy                                    |                                                                                                                                                                                                                                                                              |  |
| Connection            | 2x Lead Wires 22 AWG or terminals              |                                                                                                                                                                                                                                                                              |  |
| Motor                 | Shaded pole, impedance protected               |                                                                                                                                                                                                                                                                              |  |
| Bearing System        | Dual ball bearing                              |                                                                                                                                                                                                                                                                              |  |
| Insulation Resistance | >100M ohm between lead-wire and frame (500VDC) |                                                                                                                                                                                                                                                                              |  |
| Dielectric Strength   | 1 min at 1500 VAC, 50/60Hz                     |                                                                                                                                                                                                                                                                              |  |

| Model Number        | Speed (RPM)  | Airflow (CFM) | Noise (dB) | Volts AC | Voltage Range | Watts    | Max. Static Pressure ("H <sub>2</sub> O) | Curves               |
|---------------------|--------------|---------------|------------|----------|---------------|----------|------------------------------------------|----------------------|
| OA109AP-11-1 * 1855 | 2650<br>3100 | 90<br>105     | 48         | 115      | 100~120       | 21<br>10 | 0.25<br>0.22                             | 2 (50Hz)<br>1 (60Hz) |
| OA109AP-11-2 * 1855 | 2400<br>2500 | 82<br>85      | 43         | 115      | 100~120       | 14<br>13 | 0.17<br>0.12                             | 4 (50Hz)<br>3 (60Hz) |
| OA109AP-11-3 * 1855 | 1700<br>1800 | 58<br>60      | 32         | 115      | 100~120       | 12<br>9  | 0.11<br>0.09                             | 6 (50Hz)<br>5 (60Hz) |
| OA109AP-22-1 * 1855 | 2650<br>3100 | 90<br>105     | 48         | 230      | 200~240       | 21<br>10 | 0.25<br>0.22                             | 2 (50Hz)<br>1 (60Hz) |
| OA109AP-22-2 * 1855 | 2400<br>2500 | 82<br>85      | 43         | 230      | 200~240       | 14<br>13 | 0.17<br>0.12                             | 4 (50Hz)<br>3 (60Hz) |
| OA109AP-22-3 * 1855 | 1700<br>1800 | 58<br>60      | 32         | 230      | 200~240       | 12<br>9  | 0.11<br>0.09                             | 6 (50Hz)<br>5 (60Hz) |

\* Indicate "TB" for terminal type or "WB" for lead wires