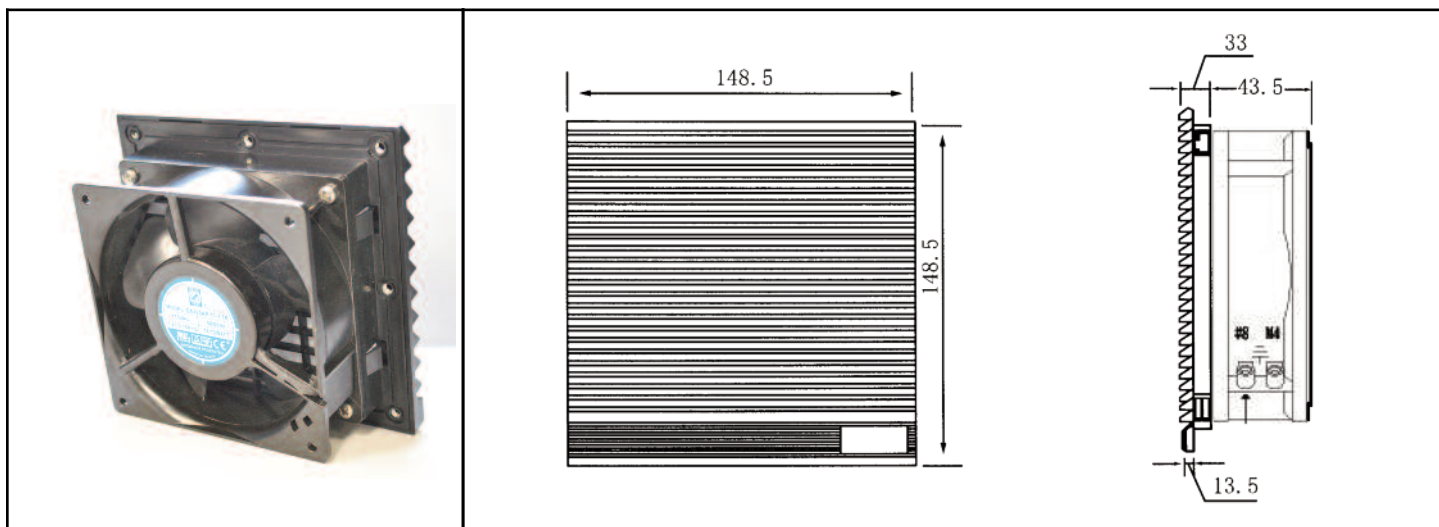


# OA109LFG Series

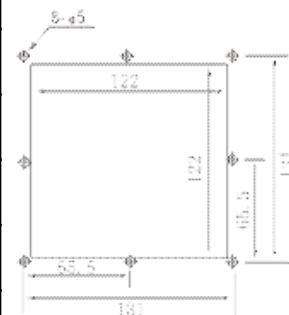


Louvered Filter Fan Kit  
with Fan Installed



|                              |                                               |                                                                                                                                                                                                                                                                                                                               |  |
|------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Frame</b>                 | Diecast Aluminum                              | <b>Operating Temperature</b><br>-20C ~ +70C<br><b>Life Expectancy</b><br>>40,000 hours (L10, 40C)<br><b>Environmental:</b><br>Class B Insulation<br>Rated IP55 Fan<br>Rated IP54 Guard<br>Guard Frame: ABS Resin<br>UL94V-0<br>Color: Black (standard) or Gray (special order)<br>Filter Mesh: Nylon fiber<br>Synthetic Resin |  |
| <b>Impeller</b>              | PBT, UL94V-O plastic                          |                                                                                                                                                                                                                                                                                                                               |  |
| <b>Connection</b>            | Terminals                                     |                                                                                                                                                                                                                                                                                                                               |  |
| <b>Motor</b>                 | AC shaded pole, impedance protected           |                                                                                                                                                                                                                                                                                                                               |  |
| <b>Bearing System</b>        | Dual Ball                                     |                                                                                                                                                                                                                                                                                                                               |  |
| <b>Insulation Resistance</b> | >100M ohm between leadwire and frame (500VDC) |                                                                                                                                                                                                                                                                                                                               |  |
| <b>Dielectric Strength</b>   | 1 min at 1500 VAC, 50/60Hz                    |                                                                                                                                                                                                                                                                                                                               |  |

| Model Number         | OA109LFG111T           | OA109LFG221T           |
|----------------------|------------------------|------------------------|
| Nominal Voltage      | 115 VAC                | 230 VAC                |
| Nominal Current      | 0.16 A                 | 0.08 A                 |
| Rated Power          | 12 W (60Hz)            | 15 W (60Hz)            |
| Rated Speed (RPM)    | 3100                   | 3100                   |
| Airflow (CFM)        | 106                    | 106                    |
| Noise Level (dB)     | 46                     | 46                     |
| Max. Static Pressure | 0.32" H <sub>2</sub> O | 0.32" H <sub>2</sub> O |



PANEL CUTOUT

\* Note: Airflow data is for the fan without the louvered filter attached. Calculations indicate that up to a 40% reduction (~ 67 CFM) in fan airflow is possible with LFG unit installed.

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