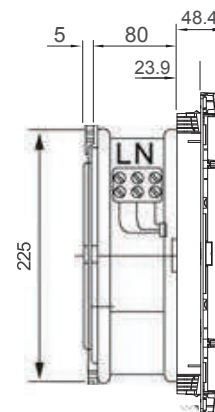
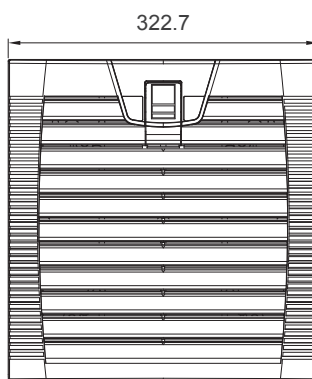




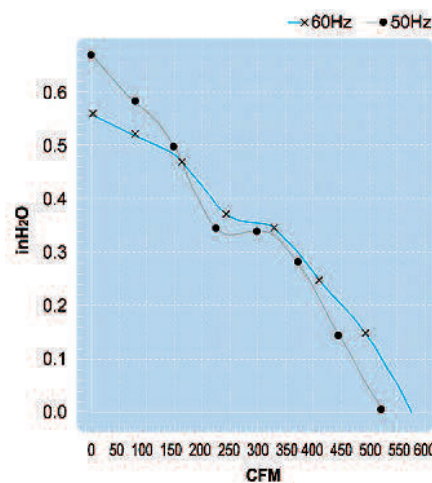
Louvered Filter Fan Kit
with Fan Installed



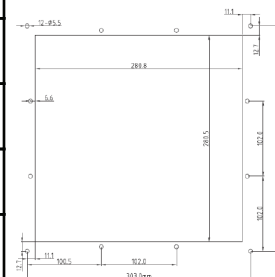
Frame	Diecast Aluminum	<div>Operating Temperature Ball Bearing 40C ~ +70C</div> <div>Life Expectancy >40,000 hours (L10, 40C)</div> <div>Environmental: Rated IP55 Fan Rated IP54 Guard</div> <div>Guard Frame: ABS Resin UL94V-0 with UV protection Color: Gray (standard) or Black (special order) Filter Mesh: Nylon fiber Synthetic Resin</div>
Impeller	Metal	
Connection	Terminal Block, 18AWG	
Motor	Capacitor drive, thermally protected	
Bearing System	Dual Ball	
Insulation Resistance	Class F	
Dielectric Strength	1 min at 1500 VAC, 50/60Hz	

The graph illustrates the relationship between static pressure (InH₂O) and airflow (CFM) for the fan at two different frequencies: 50Hz and 60Hz. The 50Hz curve (black dots) shows a higher static pressure at lower airflow rates compared to the 60Hz curve (blue crosses). Both curves show a decrease in static pressure as airflow increases, with the 60Hz curve dropping more sharply after 300 CFM.

CFM	50Hz InH ₂ O	60Hz InH ₂ O
25	0.65	0.55
75	0.58	0.52
125	0.50	0.48
175	0.45	0.42
225	0.35	0.38
275	0.34	0.35
325	0.34	0.35
375	0.28	0.25
425	0.24	0.20
475	0.14	0.15
525	0.00	0.00



Model Number	OA225LFGH111T	OA225LFGH221T
Nominal Voltage	115 VAC	230 VAC
Voltage Range	100 ~ 125 VAC	200 ~ 240 VAC
Rated Power	65 / 72 W	74 / 80 W
Rated Speed (RPM)	2550 / 2800	2550 / 2800
Airflow (CFM)	530 / 600	530 / 600*
Noise Level (dB)	61 / 59	61 / 59
Max. Static Pressure	0.67" / 0.55" H ₂ O	0.67" / 0.55" H ₂ O



PANEL CUTOUT

* Note: Airflow data is for the fan without the louvered filter attached. Calculations indicate that up to a 40% reduction (~ 318 / ~ 360 CFM) in fan airflow is possible with LFGH unit installed.

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