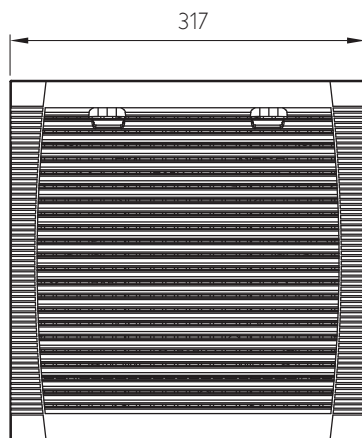
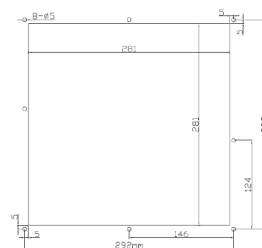


Frame	Diecast Aluminum	<u>Operating Temperature</u> -20C ~ +70C <u>Life Expectancy</u> Ball Bearing >60,000 hours (L10, 40C) Environmental: Class B Insulation Rated IP54 Guard Guard Frame: ABS Resin UL94V-0 with UV protection Color: Gray (standard) or Black (special order) Filter Mesh: Nylon fiber Synthetic Resin
Impeller	PBT, UL94V-O plastic	
Connection	2x Lead Wires or Terminals	
Motor	Capacitor drive, thermally protected	
Bearing System	Dual Ball	
Insulation Resistance	>100M ohm between leadwire and frame (500VDC)	
Dielectric Strength	1 min at 1500 VAC, 50/60Hz	

The graph shows the relationship between static pressure and airflow for the device. The y-axis represents Static Pressure in inches of water (H2O), ranging from 0.00 to 0.35. The x-axis represents Airflow in cubic feet per minute (CFM), ranging from 0 to 120. The curve starts at approximately 0.32 H2O at 0 CFM and decreases as airflow increases, reaching 0.00 H2O at approximately 105 CFM.

Airflow (CFM)	Static Pressure (H2O)
0	0.32
20	0.20
40	0.10
60	0.08
80	0.05
100	0.02
105	0.00

Model Number	OA254LFGS111T	OA254LFGS221T
Nominal Voltage	115 VAC	230 VAC
Voltage Range	80 ~ 130 VAC	160 ~ 260 VAC
Rated Power	31 / 33 W (0.30 / 0.29)	31 / 33 W (0.30 / 0.29)
Rated Speed (RPM)	1400 / 1650	1400 / 1650
Airflow (CFM)	460 / 547	460 / 547
Noise Level (dB)	52 / 55	52 / 55
Max. Static Pressure	0.32" / 0.39" H ₂ O	0.32" / 0.39" H ₂ O



* Note: Airflow data is for the fan without the louvered filter attached. Calculations indicate that up to a 40% reduction (~ 267 / 328 CFM) in fan airflow is possible with LFGH unit installed.

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