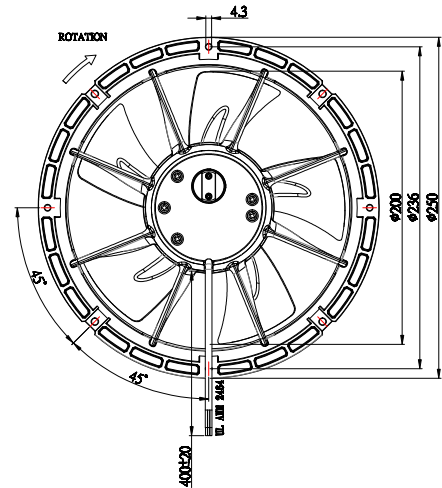
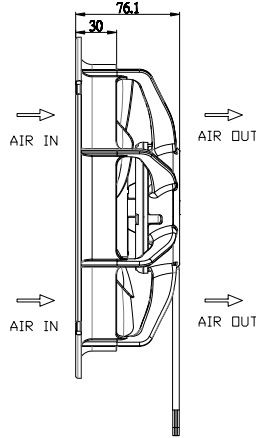


OA200EC Series



EC Fan Dual Speed - 115V, 230V
250 x 76mm (9.85"x 3.0")



Frame	PBT UL94V-0 Plastic	Operating Temperature Ball Bearing -25C ~ +50C (non-condensing) Storage Temp -40C ~ +80C Life Expectancy Ball Bearing 40,000 hours (L10 at 40C) IP55 Rated Weight: ~ 2.20 lbs. m2
Impeller	Metal	
Connection	3x Lead wires Black (line), Blue (neutral), Brown (speed)	
Motor	Brushless EC motor, electronically protected	
Bearing System	Dual ball	
Insulation Resistance	>100M ohm between lead-wire and frame (500VDC)	
Dielectric Strength	1 min at 1,500 VAC, 50/60Hz	

Performance Curves

The graph displays two performance curves for a fan. The x-axis represents airflow in CFM (0 to 600), and the y-axis represents static pressure in inAq (0 to 0.5). Curve 1 (red line with circles) represents 115V operation, and Curve 2 (blue line with squares) represents 230V operation. Both curves show a decrease in static pressure as airflow increases. Curve 1 is consistently higher than Curve 2, indicating better performance at 115V.

CFM	115V (inAq)	230V (inAq)
0	0.45	0.28
50	0.42	0.23
100	0.38	0.18
150	0.35	0.14
200	0.28	0.08
250	0.23	0.04
300	0.18	0.00
350	0.15	0.00
400	0.12	0.00
450	0.00	0.00

Part Number	Speed* (RPM)	Airflow (CFM)	Noise (dB)	Volts AC	Nominal Current	Watts	Max. Static Pressure ("H ₂ O)	Curves
OA200EC-11-1WB	1,400	290	44	115	0.13	8.1	0.28	2
	2,200	460	55		0.40	26	0.46	1
OA200EC-22-1WB	1,400	290	44	230	0.08	8.5	0.28	2
	2,200	460	55		0.24	27	0.46	1

* Speed (RPM) can be factory programmed

Noise, power and static pressure values will change per requirement

MOTOR WIRING DIAGRAMS

