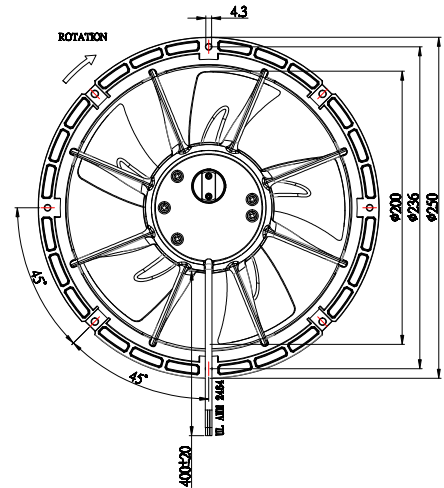
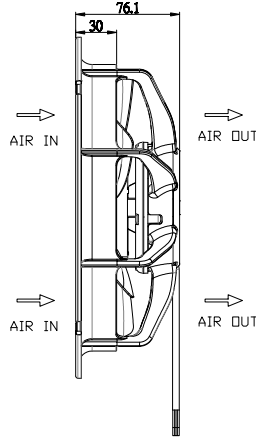


OA200EC Series



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



Frame	PBT UL94V-0 Plastic	<u>Operating Temperature</u> Ball Bearing -25C ~ +50C (non-condensing) Storage Temp -40C ~ +80C <u>Life Expectancy</u> 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 sets of performance curves. The top set, labeled '1', represents 115V operation and shows a flow range of approximately 0 to 450 CFM. The bottom set, labeled '2', represents 230V operation and shows a flow range of approximately 0 to 280 CFM. In both cases, the 60 Hz curve (blue squares) is slightly higher than the 50 Hz curve (red circles).

CFM	inAq (115V, 50 Hz)	inAq (115V, 60 Hz)	inAq (230V, 50 Hz)	inAq (230V, 60 Hz)
0	0.45	0.46	0.27	0.28
50	0.41	0.42	0.23	0.24
100	0.38	0.39	0.19	0.20
150	0.35	0.36	0.15	0.16
200	0.29	0.30	0.11	0.12
250	0.23	0.24	0.07	0.08
300	0.18	0.19	0.00	0.00
350	0.14	0.15	-	-
400	0.12	0.13	-	-
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

