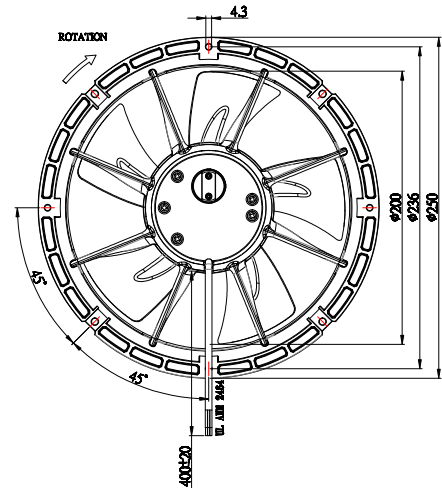
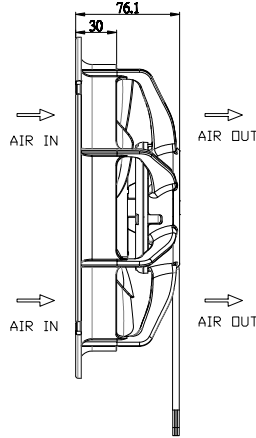


OA200EC Series



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



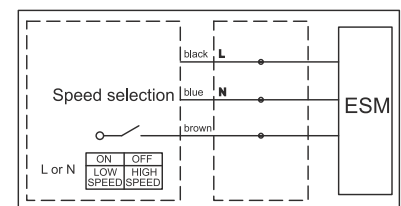
Frame	PBT UL94V-0 Plastic	<u>Operating Temperature</u> Ball Bearing -25C ~ +50C (non-condensing) Storage Temp -40C ~ +80C	<div>Performance Curves</div> <table border="1"><caption>Performance Curve Data (Estimated)</caption><thead><tr><th>CFM</th><th>inAq (50 Hz)</th><th>inAq (60 Hz)</th></tr></thead><tbody><tr><td>0</td><td>0.45</td><td>0.28</td></tr><tr><td>50</td><td>0.42</td><td>0.23</td></tr><tr><td>100</td><td>0.38</td><td>0.18</td></tr><tr><td>150</td><td>0.35</td><td>0.14</td></tr><tr><td>200</td><td>0.28</td><td>0.08</td></tr><tr><td>250</td><td>0.23</td><td>0.04</td></tr><tr><td>300</td><td>0.18</td><td>0.00</td></tr><tr><td>350</td><td>0.15</td><td>0.00</td></tr><tr><td>400</td><td>0.12</td><td>0.00</td></tr><tr><td>450</td><td>0.00</td><td>0.00</td></tr></tbody></table>	CFM	inAq (50 Hz)	inAq (60 Hz)	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
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Impeller	Metal																																			
Connection	3x Lead wires Black (line), Blue (neutral), Brown (speed)																																			
Motor	Brushless EC motor, electronically protected	<u>Life Expectancy</u> Ball Bearing 40,000 hours (L10 at 40C)																																		
Bearing System	Dual ball	IP55 Rated																																		
Insulation Resistance	>100M ohm between lead-wire and frame (500VDC)	Weight: ~ 2.20 lbs.																																		
Dielectric Strength	1 min at 1,500 VAC, 50/60Hz	m2																																		

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



Mouser Electronics

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Orion Fans:

[OA200EC-22-1WB](#) [OA200EC-11-1WB](#)