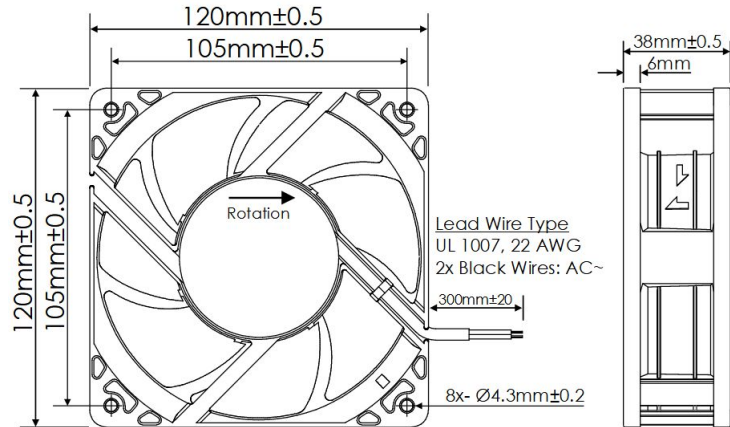




OA109EC IP68 ATEX Series

AC Fans - 115, 230V Universal Input
120mm x 38mm (4.7" x 1.5")



Frame	PBT, UL94 V-0 Plastic	<div><u>Operating Temperature</u> -20°C ~ +70°C</div> <div><u>Storage Temperature</u> -30°C ~ +75°C</div> <div><u>Life Expectancy</u> 60,000 Hours (L10 at 40°C)</div> <div><u>Installed Options</u> Universal Voltage Range IP68/ATEX Rated Motor EN IEC 60079 Certification</div> <div>Weight: 0.64 lbs.</div>	<table border="1"><caption>Performance Curve Data (Estimated)</caption><thead><tr><th>Airflow (CFM)</th><th>Static Pressure (H₂O)</th></tr></thead><tbody><tr><td>0</td><td>0.35</td></tr><tr><td>20</td><td>0.28</td></tr><tr><td>40</td><td>0.20</td></tr><tr><td>60</td><td>0.17</td></tr><tr><td>80</td><td>0.10</td></tr><tr><td>100</td><td>0.00</td></tr></tbody></table>	Airflow (CFM)	Static Pressure (H ₂ O)	0	0.35	20	0.28	40	0.20	60	0.17	80	0.10	100	0.00
Airflow (CFM)	Static Pressure (H ₂ O)																
0	0.35																
20	0.28																
40	0.20																
60	0.17																
80	0.10																
100	0.00																
Impeller	PBT, UL94 V-0 Plastic																
Connection	2x Lead Wires, 22 AWG																
Motor	EC Motor, Electronically Protected, Class A Insulation, IP68/ATEX																
Bearing System	Ball Bearings																
Dielectric Strength	1500VAC/min, <1mA																
Insulation Resistance	≥10MΩ @ 500 VDC																

Part Number	Voltage Range (Volts AC)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure (H ₂ O)
OA109EC-UR-1WBIP68A	90 ~ 265	4.9W @ 115V 5.2W @ 230V	0.08A @ 115V 0.06A @ 230V	3200	106	43	0.34