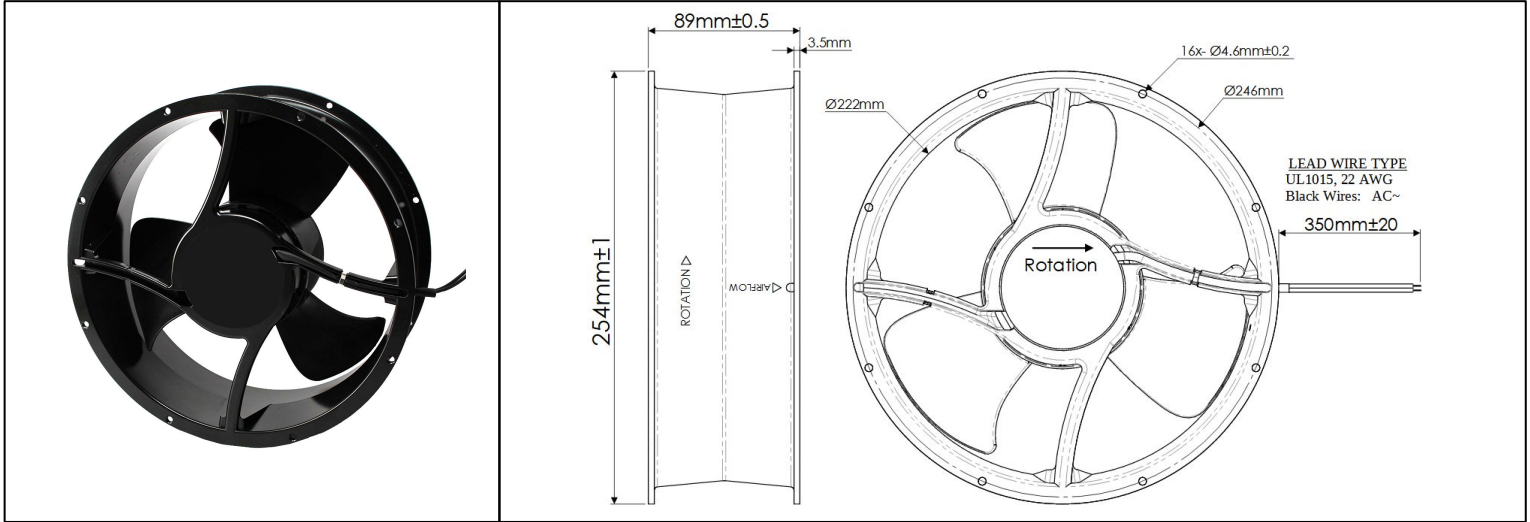


# OA254EC XC IP68 ATEX Series



EC Fans - 115, 230V  
254mm x 89mm (10" x 3.5")



|                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                    |  |
|-----------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Frame                 | Die Cast Aluminum, Black Finish                                                                            | <u>Operating Temperature</u><br>-20°C ~ +70°C<br><br><u>Storage Temperature</u><br>-30°C ~ +75°C<br><br><u>Life Expectancy</u><br>60,000 Hours (L10 at 40°C)<br><br><u>Installed Options</u><br>ATEX/IP68 Rated Motor<br>EN IEC 60079-0<br>EN IEC 60079-7<br>Find Certificates on Website<br><br>Weight: 4.62 lbs. |  |
| Impeller              | PBT, UL94 V-0 Plastic                                                                                      |                                                                                                                                                                                                                                                                                                                    |  |
| Connection            | 2x Wire Leads, 22 AWG                                                                                      |                                                                                                                                                                                                                                                                                                                    |  |
| Motor                 | Brushless EC, Auto Cutoff, Auto Restart, Electronically Protected, Class A Insulation, IP68 and ATEX Rated |                                                                                                                                                                                                                                                                                                                    |  |
| Bearing System        | Ball Bearings                                                                                              |                                                                                                                                                                                                                                                                                                                    |  |
| Dielectric Strength   | 1500VAC/min, <1mA                                                                                          |                                                                                                                                                                                                                                                                                                                    |  |
| Insulation Resistance | ≥10MΩ @ 500 VDC                                                                                            |                                                                                                                                                                                                                                                                                                                    |  |

| Part Number           | Rated Voltage (Volts AC) | Frequency Range (Hertz) | Voltage Range (Volts AC) | Input Power (Watts) | Rated Current (Amps) (Max) | Locked Current (Amps) (Max) | Rated Speed (RPM) | Max Airflow (CFM) | Noise Level (dBA) | Max Static Pressure (\"H <sub>2</sub> O) |
|-----------------------|--------------------------|-------------------------|--------------------------|---------------------|----------------------------|-----------------------------|-------------------|-------------------|-------------------|------------------------------------------|
| OA254EC-11-1WBXCIP68A | 115                      | 50 / 60                 | 80 ~ 130                 | 75                  | 1.05 (1.21)                | 0.15 (0.17)                 | 2750              | 830               | 70.1              | 1.20                                     |
| OA254EC-22-1WBXCIP68A | 230                      | 50 / 60                 | 200 ~ 260                | 75                  | 0.60 (0.72)                | 0.11 (0.13)                 | 2750              | 830               | 70.1              | 1.20                                     |

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