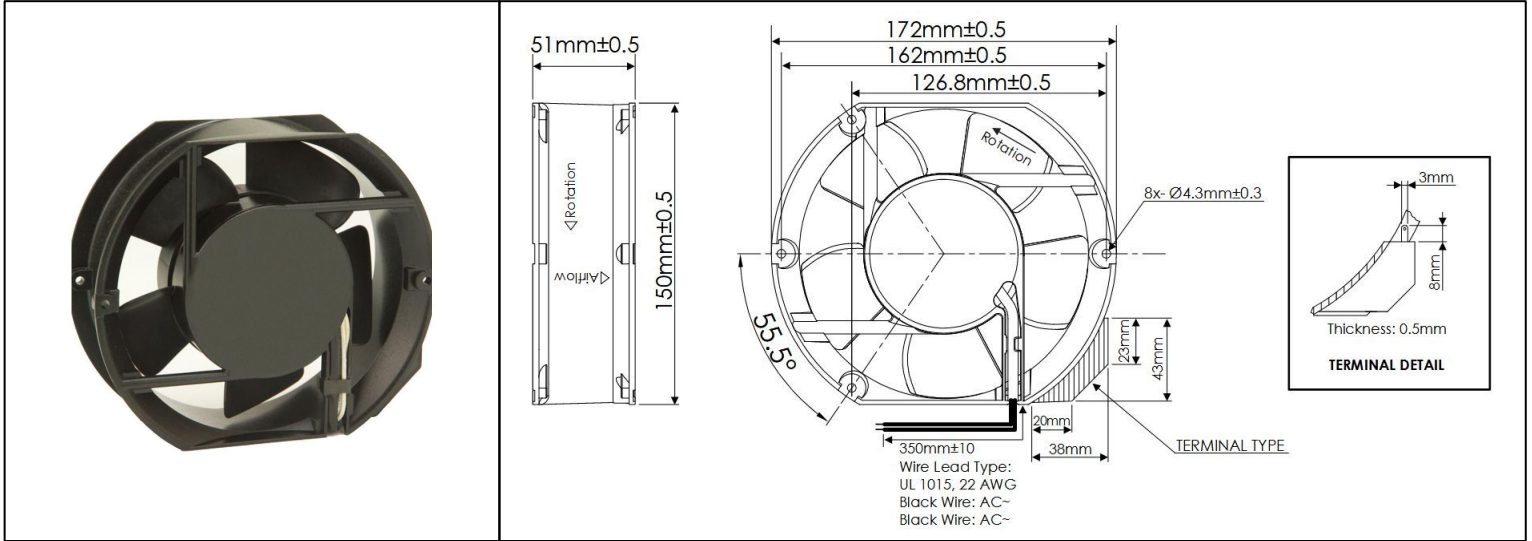


OA172EC Series



EC Fans - 115, 230V
172mm x 150mm x 51mm
(6.8" x 5.9" x 2.0")



Frame	Die Cast Aluminum, Black Finish	<u>Operating Temperature</u> -20°C ~ +70°C	
Impeller	PBT, UL94 V-0 Plastic	<u>Storage Temperature</u> -30°C ~ +75°C	
Connection	Wire Leads, 22 AWG, or Terminals	<u>Life Expectancy</u> 50,000 Hours (L10 at 40°C)	
Motor	EC Motor, Auto Cutoff, Auto Restart, Electronically Protected	<u>Available Options</u> PWM Speed Control Input Tachometer Output Alarm Output IP Ratings	
Bearing System	Ball Bearings	Weight: 1.54 lbs.	
Dielectric Strength	1500VAC/min, <1mA		
Insulation Resistance	≥10MΩ @500VAC		

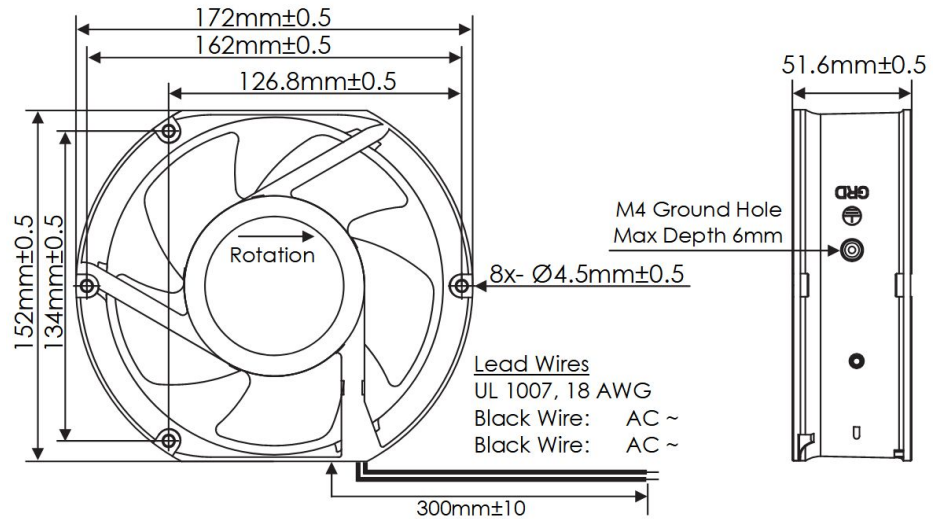
Part Number	Rated Voltage (Volts AC)	Voltage Range (Volts AC)	Rated Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
OA172EC-11-1*B	115	103 ~ 127	15	0.23	3000	220	57.3	0.62
OA172EC-22-1*B	230	207 ~ 253	15	0.13	3000	220	57.3	0.62

* Insert "T" for Terminal type power connection, or "W" for Wire Lead type power connection.

OA172EC Series



EC Fans - Universal Voltage Range
172mm x 150mm x 51.6mm
(6.8" x 5.9" x 2.0")



Frame	Die Cast Aluminum, Black Finish	<u>Operating Temperature</u> -20°C ~ +65°C
Impeller	PBT, UL94 V-0 Plastic	<u>Storage Temperature</u> -20°C ~ +75°C
Connection	Wire Leads, 18 AWG, or Terminals	<u>Life Expectancy</u> 50,000 Hours (L10 at 40°C)
Motor	EC Motor, Auto Cutoff, Auto Restart, Electronically Protected	<u>Available Options</u> PWM Speed Control Input Tachometer Output Alarm Output IP Ratings
Bearing System	Ball Bearings	Weight: 1.47 lbs.
Dielectric Strength	1500VAC/min, <1mA	
Insulation Resistance	≥10MΩ @500VAC	

Static Pressure ("H₂O")

Airflow (CFM)	Static Pressure ("H ₂ O")
0	0.80
40	0.65
80	0.45
120	0.25
160	0.20
200	0.05
220	0.00

Airflow (CFM)

Part Number	Rated Voltage (Volts AC)	Voltage Range (Volts AC)	Rated Power (Watts)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
OA172EC-UR-1*B	115 / 230	90 ~ 265	18 ~ 16 Max, 12.5 Typical	3000	220	55.2	0.80

* Indicates "T" (Terminals) or "W" (Wire Leads)

Mouser Electronics

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[OA172EC-11-1TB](#) [OA172EC-22-1TB](#) [OA172EC-11-1WB](#) [OA172EC-22-1WB](#) [OA172EC-UR-1TB](#) [OA172EC-UR-1WB](#)