



Product Change Notification
September 5, 2025

Products Affected: OA172EC-11-1WB, OA172EC-11-1TB
OA172EC-22-1WB, OA172EC-22-1TB

Type of Change: Product discontinuation. Alternative available.

Reason for Change: Market Research

Discussion: Orion Fans occasionally makes changes to our Commercial Off the Shelf (COTS) product offerings as we recognize the needs of our customers, stakeholders, and supply chain partners. During a recent product offering evaluation, customer feedback was evaluated that strongly preferred a universal voltage range design instead of single-voltage 115 VAC and 230 VAC rated models. Accordingly, we have discontinued the single-voltage models of this product, to be replaced by the active and currently marketed Universal Voltage Range product. Customers of the previous OA172EC-11-1*B or OA172EC-22-1*B designs can choose the OA172EC-UR-1WB or OA172EC-UR-1TB models with equivalent or improved CFM, Wattage, Noise and Static Pressure. Because the OA172EC-UR-1*B is a Universal Voltage Range design, a single OA172EC-UR-1*B model can replace both separate voltages of the previous models, simplifying product design and reducing customer BOM requirements.

Limited stock of the 230V models are available for purchase. Implementation of this change began with all production batches completed after August 1st, 2025. To purchase a last-time buy of 230V models, contact an Orion Fans distribution partner or contact Orion Inside Sales department.

Summary of Specification differences:

Specification	OA172EC Single Voltage	OA172EC Universal Voltage
OA172EC-11 Voltage Range	103 ~ 127	90 ~ 265
OA172EC-22 Voltage Range	207 ~ 253	90 ~ 265
Input Power Watts Rating	15	18 / 16 Max, 12.5 Typical
Noise dBA	57.3	55.2
Max Static Pressure "H2O	0.62	0.80
Wire Lead Type and Gauge (2 Wire Fan)	UL 1015, 22 AWG	UL 1007, 18 AWG
Wire Lead Length	350mm±10	300mm±10
Operating Temperature Range	-20°C ~ + 70°C	-20°C ~ + 65°C (Custom Available)
Storage Temperature Range	-30°C ~ + 75°C	-20°C ~ + 75°C (Custom Available)
Optional Special Functions (PWM, Tach, etc.,)	Identical	Identical
Weight	1.54 lbs.	1.47 lbs.

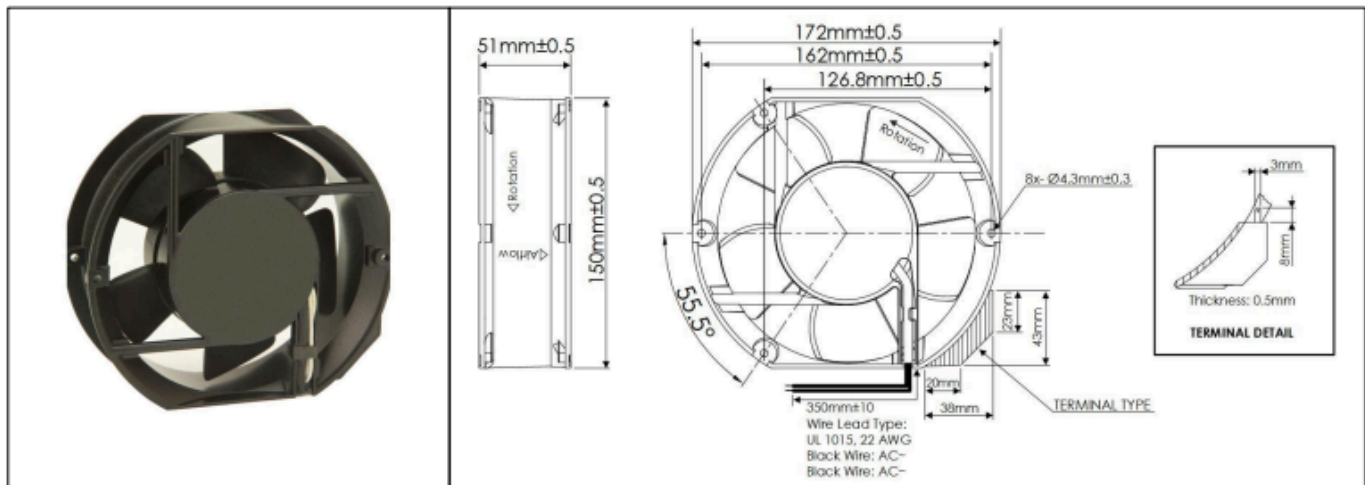
Datasheet Comparison as of date of publication:

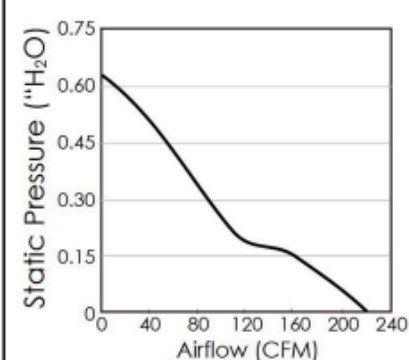
Single Voltage Models

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		
Dielectric Strength	1500VAC/min, <1mA		
Insulation Resistance	≥10MΩ @500VAC	Weight: 1.54 lbs.	

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

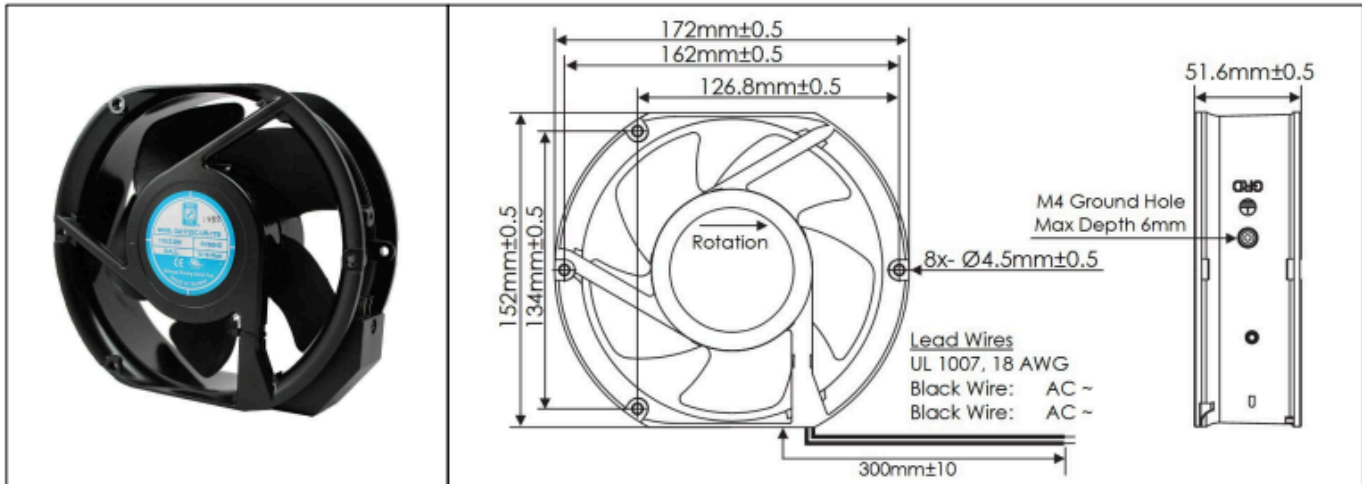
* Insert "T" for Terminal type power connection, or "W" for Wire Lead type power connection.

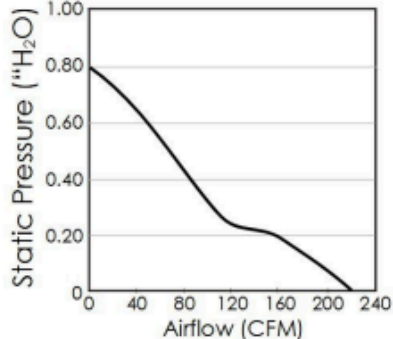
Universal Voltage Range Models

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	 <p>Static Pressure ("H₂O") vs Airflow (CFM)</p>
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		

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)