



Product Change Notification
March 6, 2024

Products Affected: OA172EC-11-1*BIP68A and OA172EC-22-1*BIP68A
Type of Change: Product improvement and discontinuation
Reason for Change: Supply chain disruption to critical component and customer feedback

Discussion:

Orion Fans occasionally makes changes to our Commercial Off the Shelf (COTS) products as we recognize the needs of our customers, stakeholders, and supply chain partners. Due to a critical-to-function component being discontinued by our supply chain partner, a product redesign was implemented on these fan models. During the redesign process, customer feedback was evaluated that strongly preferred a universal voltage range design instead of the present 115 VAC and 230 VAC rated models. We have decided to discontinue the original two voltages of this product and replace them with a Universal Voltage Range product. Other performance improvements were also made during this redesign effort, resulting in two performance offerings. Users of the previous OA172EC-11-1*BIP68A or OA172EC-22-1*BIP68A design can choose the OA172EC-UR-2WBIP68A model for similar performance with limited improvements in Noise and Static Pressure. The new OA172EC-UR-1WBIP68A model offers enhanced CFM and Static Pressure performance while offering identical noise performance to the original models. Please note that ATEX certification is no longer available for Terminal type fans, so new models will only feature Wire Lead connection type. No mechanical changes have been made affecting form, fit, or function.

Limited stock of the previous design is available for purchase. Implementation of this change will begin with all production batches completed after March 1st, 2024.

Product Comparison:

Original Models

Part Number	Rated Voltage (Volts AC)	Voltage Range (Volts AC)	Frequency (Hertz)	Rated Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
OA172EC-11-1*BIP68A	115	103 ~ 127	50 / 60	15	0.23	3000	220	57.3	0.62
OA172EC-22-1*BIP68A	230	207 ~ 253	50 / 60	15	0.13	3000	220	57.3	0.62

New Models

Part Number	Rated Voltage (Volts AC)	Voltage Range (Volts AC)	Frequency (Hertz)	Rated Power (Watts)	Rated Current (Amps) (115 / 230)	Locked Current (Amps) (115 / 230)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
OA172EC-UR-1WBIP68A	115 / 230	103 ~ 253	50 / 60	20.5	0.30 / 0.17	0.30 / 0.17	3200	240	57.3	0.70
OA172EC-UR-2WBIP68A	115 / 230	103 ~ 253	50 / 60	17.0	0.23 / 0.14	0.25 / 0.14	3000	220	49.3	0.65