



THERMAL MANAGEMENT PRODUCTS

PRODUCT SELECTOR GUIDE

WE'LL MAKE YOU A FAN

FAN TRAYS



CENTRIFUGAL
FANS



AC
& EC
FANS



BLOWERS



DC
FANS



FILTERS
& GUARDS



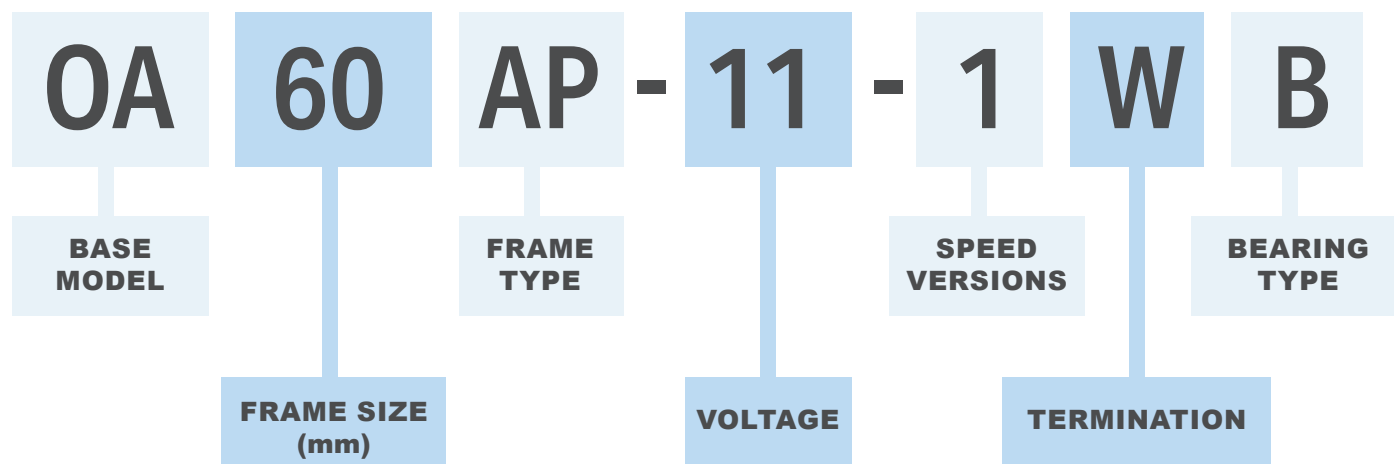
ORIONFANS.COM



Orion Fans is a premier manufacturer of high-performance AC, EC, and DC fans, blowers, motorized impellers, and fan trays. With over 40 years of engineering expertise, we deliver a comprehensive range of quality-tested cooling products and specialized accessories designed for maximum reliability. Leveraging a global footprint with engineering and manufacturing facilities in the United States, Europe, and Asia, Orion Fans specializes in both standard hardware and rapid custom assemblies, ensuring superior airflow solutions with industry-leading availability.



PART NUMBER CONFIGURATOR





AC FANS

Series	mm	Voltage (VAC)	Max Airflow (CFM)
OA60AP	60x30	115, 230	11
OA825AP	80x25	115, 230, DV*	25
OA80AP	80x38	115, 230, DV*	30
OA92AP	92x25	115, 230, DV*	35
OA938AP	92x38	115, 230, DV*	50
OA125AP	120x25	115, 230, DV*	75
OA109AP	120x38	115, 230, DV*	104
OA109AP AIOS	120x38	115, 230	99
OA109AP XC	120x38	115, 230	131
OA109AP SALTFOG	120x38	115, 230	106
OA109AP SMART	120x38	115, 230	97
OA4715	120x38	115, 230	110
OA119AP	127x38	115, 230, DV*	130
OA5920	150x51	115, 230	180
OA162	150x55	115, 230	230

Series	mm	Voltage (VAC)	Max Airflow (CFM)
OA172SAPL	172x150x38	115, 230	228
OA172SAP	172x150x51	115, 230	235
OA172SAP XC	172x150x51	115, 230	300
OA172SAP SALTFOG	172x150x51	115, 230	226
OA172SAP XC/SALTFOG	172x150x55	115, 230	293
OA172AP	172x51	115, 230	235
OA172AP XC	172x51	115, 230	300
OA172AN	172x51	115, 230	235
OA180AP	176x89	115, 230	409
OA180APL	180x65	115, 230	405
OA254AP	254x89	115, 230	547
OA254APSALTFOG	254x89	115, 230	550
OA254AN	254x89	115, 230	700
OA254ANXC	254x89	115, 230	850
OA280AN	280x80	115, 230	1,300



EC FANS

Series	mm	Voltage (VAC)	Max Airflow (CFM)
OA60EC	60x25	115, 230	20
OA825EC XC	80x25	85-265	40.2
OA80EC	80x38	85-265	39
OA80EC XC	80x38	85-265	60
OA92EC XC	92x25	85-265	56
OA9232EC	92x32	85-265	58
OA938EC	92x38	85-265	60
OA938EC XC	92x38	85-265	88
OA125EC	120x25	85-265	80

Series	mm	Voltage (VAC)	Max Airflow (CFM)
OA109EC	120x38	90-265	106
OE4715	119.5x38.5	115, 230	104
OA109EC XC	120x38	85-265	133.8
OA172EC	172x150x51	103-127	220
OE25079	250x78.5	115, 230	470
OA254EC	254x89	95-264	500
OA254EC XC	254x89	115, 230	830
OA280EC	280x90	115, 230	1135



DC FANS



The VXE, VXC, and VXJ Series are vane axial fans engineered to deliver high-speed performance!

DC FANS

Series	mm	Voltage (VAC)	Max Airflow (CFM)
OD2510	25x10	5, 12	2.7
OD3010	30x10	5, 12	5
OD3510	35x10	5, 12	6
OD4006	40x6.8	5V, 12V	5.4
OD4010	40x10.5	5, 12, 24	12
OD4015	40x15	12, 24	9
OD4020	40x20	5, 12, 24	9
OD4028	40x28	5, 12, 24	25
OD4028 XC	40x28	12, 24	22.5
OD4028 XE	40x28	12, 24	31.5
OD4056	40x56	12	32
OD5010	50x10	5, 12, 24	11
OD5015	50x15	12	17
OD5210	52x10	5, 12	12
OD6010	60x10	5, 12, 24	19.8
OD6015	60x15	5, 12, 24	18
OD6020	60x20	5, 12, 24	26
OD6025	60x25	5, 12, 24, 48	32
OD6025-60LB	60x25	60	26
OD6025 SS	60x25	12, 24	23
OD6025 XE	60x25	12, 24, 48	54
OD6038 VXC	60x38	12, 24	61
OD6038 XC	60x38	12, 24	86
OD7015	70x15	12	41
OD7020	70x20	12	45
OD7025	70x25	12, 24	60
OD8015	80x15	5, 12, 24	38
OD8020	80x20	12, 24	40
OD8025	80x25	5, 12, 24, 48	48
OD8025 SS	80x25	12, 24	40
OD8025 XE	80x25	12, 24, 48	105
OD8032	80x32	12, 24, 48	56
OD8038	80x38	12, 24	82
OD8038 VXC	80x38	12, 24, 48	112
OD8038 VXJ	80x38	12, 24, 48	175
OD8038 XE	80x38	12, 24, 48	132

Series	mm	Voltage (VAC)	Max Airflow (CFM)
OD9220	92x20	12, 24	32
OD9225	92x25	12, 24, 48	65.7
OD9225 XE	92x25	12, 24, 48	102.7
OD9225 SS	92x25	12, 24	60.2
OD922560HB	92x25	60	69
OD9225 SPOT	92x25	120VAC INPUT	50
OD9238	92x38	12, 24, 48	110
OD9238 VXE	92x38	12, 24, 48	167
OD9238 VXJ	92x38	12, 24, 48	185
OD1225	120x25	12, 24, 48	120
OD1225 XE	120x25	24, 48	133.8
OD1225 VXE	120x25	12, 24, 48	158.7
OD1225 SS	120x25	12, 24	85
OD1232	120x32	12, 24, 48	120
OD1232 SPOT/DIN	120x32	120VAC INPUT	120
OD1238	120x38	12, 24, 48	178
OD1238AP	120x38	12, 24, 48	140
OD1238 REVERSIBLE	120x38	12, 24, 48	146
OD1238 VXC	120x38	12, 24, 48	283
OD1238 VXE	120x38	12, 24, 48	285.2
OD1238 SS	120x38	12, 24	105
OD1238 XC	120x38	12, 24, 48	220
OD1238 XE	120x38	12, 24, 48	238
OD1238-60HB	120x38	60	115
OD1238 XJ	120x38	12, 24	250
OD127	127x38.5	12, 24, 48	173
OD127AP	127x38.5	12, 24, 48	140
OD172SAPL	172x150x38	12, 24, 48	225
OD172SAP	172x150x51	12, 24, 48	235
OD172SAP REVERSIBLE	172x152x51	12, 24, 48	310/218
OD172SAP XC	172x150x51	12, 24, 48	307
OD172AP	172x51	12, 24, 48	318
OD172AP VXE	172x51	24, 48	600
OD180APL	180x65	12, 24, 48	460
OD254AP	254x89	12, 24, 48	830
OD254AP UL60079	254x89	12, 24, 48	1000
OD280	280x89	12, 24, 48	2200



IP RATED DC FANS

Series	mm	Voltage (VAC)	Max Airflow (CFM)
OD6025 IP68	60x25	12, 24, 48	32
OD6025 IP69K	60x25	12, 24, 48	28
OD8025 IP68	80x25	12, 24, 48	48
OD8025 IP69K	80x25	12, 24, 48	40
OD8032 IP68	80x32	12	81
OD8032 IP69K	80x32	12, 24, 48	77
OD8038 IP68	80x38	12, 24	82
OD8038 IP69K	80x38	12, 24	71
OD9225 IP68	92x25	12, 24, 48	60.2
OD9225 IP69K	92x25	12, 24, 48	49.8
OD9238 IP68	92x38	24, 48	110
OD9238 IP69K	92x38	24, 48	100
OD1225 IP68	120x25	12, 24, 48	120
OD1225 IP69K	120x25	12, 24, 48	120
OD1238 IP68	120x38	12, 24, 48	178
OD1238 IP69K	120x38	12, 24, 48	124.1
OD172SAP IP68	172x150x51	12, 24, 48	300
OD172SAP IP69K	172x150x51	24, 48	300
OD172SAP XC/IP68 & IP69K	172x150x51	12, 24, 48	323
OD180APL IP68 & IP69K	180x65	12, 24, 48	460
OD254AP IP68 & IP69K	254x89	12, 24, 48	830

IP RATED EC FANS

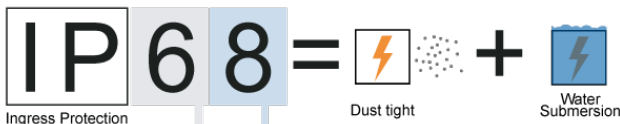
Series	mm	Voltage (VAC)	Max Airflow (CFM)
OA60EC ATEX/IP68	60x25	115, 230	20
OA109EC ATEX/IP68	120x38	115, 230	106
OE4715 IP68 & IP69K	119.5x38.5	115, 230	104
OA172EC ATEX/IP68	150x51	115, 230	220
OA254EC ATEX/IP68	254x89	95-264	500
OA254EC XC/ATEX/IP68	254x89	115, 230	830



IP Rated fans are ideal for harsh environment applications

IP RATED AC FANS

Series	mm	Voltage (VAC)	Max Airflow (CFM)
OA80AP METAL/IP55	80x38	115, 230	33
OA938AP METAL/IP55	92x38	115, 230	55
OA109AP METAL/IP55	120x38	115, 230	105
OA119AP METAL/IP55	127x38	115, 230	128
OA162AP METAL/IP55	150x55	115, 230	248
OA172SAPL IP55	172x150x38	115, 230	228
OA172SAP METAL/IP55	172x150x51	115, 230	210
OA172AP METAL/IP55	172x150x51	115, 230	215
OA180AN METAL/IP55	176x89	115, 230	380
OA180AP IP55	180x90	115, 230	460
OA180AP IP68 & IP69K	176x89	115, 230	380
OA180ANL METAL/IP55	180x65	110, 240	400
OA180APL IP68 & IP69K	180x65	115, 230	400
OA200AN METAL/IP55	220x70	115, 230	485
OA200AP IP68 & IP69K	220x70	115, 230	485
OA205AN METAL/IP55	205x72	115, 230	590
OA205AP IP68 & IP69K	205x72	115, 230	590
OA225AN METAL/IP55	225x80	115, 230	600
OA225AP IP68 & IP69K	240x80	115, 230	620
OA2543AN METAL/IP55	254x89	115, 230	930
OA2543AP IP68 & IP69K	254x89	115, 230	930
OA2547AN METAL/IP55	254x89	115, 230	1,000
OA2547AP IP68 & IP69K	254x89	115, 230	1,000
OA280AP IP68 & IP69K	280x89	115, 230	1,300



SOLIDS		LIQUIDS		
5		5		9K
Dust Protected. Limited ingress of dust. Will not interfere with equipment.		The K on the rating denotes the product's specific degree of protection for use in road vehicles as per ISO 20053.		



BLOWERS & CENTRIFUGAL FANS

AC FAN TRAYS

Series	Voltage (VAC)	# of Fans	Max Airflow (CFM)
OAT230	115	2	400
OAT232	230	2	400
OAT300	115	3	312
OAT300-A	115	3	312
OAT300ST	115	3	312
OAT302	230	3	312
OAT302-A	230	3	312
OAT615	90-264	6	264
OAT615PS	Power Supply	-	-
OAT600	115	6	624
OAT600ST	115	6	624
OAT602	230	6	624
OAT900	115	9	936
OAT902	230	9	936

EC FAN TRAYS

Series	Voltage (VAC)	# of Fans	Max Airflow (CFM)
OET305	80-265	3	401
OET305-A	80-265	3	401
OET605	80-265	6	803
OET905	80-265	9	1204

DC FAN TRAYS

Series	Voltage (VAC)	# of Fans	Max Airflow (CFM)
ODT300	12, 24, 48	3	372.3
ODT301-A	12	3	372.3
ODT303-A	24	3	372.3
ODT304-A	48	3	372.3
ODT600	12, 24, 48	6	744.6
ODT900	12, 24, 48	9	1116.9



AC BLOWERS

Series	mm	Voltage (VAC)	Max Airflow (CFM)
OAB800AN	125x126x39	115, 230	14-30
OAB908AN	183x190x70	115, 230	50-100

DC BLOWERS

Series	mm	Voltage (VAC)	Max Airflow (CFM)
ODB5009	50x9	5, 12	3
ODB5115	51x15	12	2.4-4.2
ODB6015	60x15	12	7.45
ODB7530	75x30	12, 24	13.8
ODB9733	97x94x33	12, 24	32-38.4
ODB600AN	126x125x33	12, 24, 48	20-30
ODB600	120x31	12, 24, 48	20-30
ODB1232	120x32	12, 24	23.7-32.3
ODB182	182x171x82	24, 48	136

AC BACKWARD CURVED IMPELLERS

Number	mm	Voltage (VAC)	Max Airflow (CFM)
OAB13372	133x72	115, 230	188
OAB13391	133x91	115, 230	188
OAB18055	182x55	115, 230	290
OAB190	190x72	115, 230	370
OAB220	220x76	115, 230	530
OAB22569	225x69	115, 230	550
OAB22585	225x85	115, 230	680
OAB22599	225x99	115, 230	770
OAB250	251.5x98.2	115, 230	850
OAB318	318x154.5	115, 230	1,165
OAB360	360x167	115, 230	1,645
OAB400	404x162	230	1,900

DC BACKWARD CURVED IMPELLERS

Part Number	mm	Voltage (VAC)	Max Airflow (CFM)
ODC10025	100x25	12, 24, 48	65
ODB13391	133.5x91	24, 48	326
ODB17567	175x67	12, 24, 48	338
ODB19069	189.5x68.5	24, 48	432
ODB22071	221.5x221.5x71	24, 48	621
ODB22599	225x225x99	24, 48	835
ODB250110	250x106.5	24, 48	835

EC BACKWARD CURVED IMPELLERS

Part Number	mm	Voltage (VAC)	Max Airflow (CFM)
OEC404205	404x204.7	115, 230	2075
OEC355206	355x206.2	230	2075

AIR FLOW MONITORS

Part Number	Description
AFM-01NC	Normally closed switch w/ clip and clamp
AFM-01NO	Normally open switch w/ clip and clamp
AFM-80NC	Normally closed switch w/80mm guard
AFM-80NO	Normally open switch w/80mm guard
AFM-92NC	Normally closed switch w/92mm guard
AFM-92NO	Normally open switch w/92mm guard
AFM-120NC	Normally closed switch w/120mm guard
AFM-120NO	Normally open switch w/120mm guard



Monitor airflow with
a simple contact
closure switch!

LOUVERED FILTER FAN KITS

Part Number	Label	Hole Style	Thread
OA109LFG	OA109S	OA109LFGH	115, 230
OA172LFG	OA172LFGS	OA172LFGH	115, 230
OA172LFG XC	OA172LFGSXC	OA172LFGHXC	115, 230
OA225LFG	OA225LFGS	OA225LFGH	115, 230
OA254LFG	OA254LFGS	OA254LFGH	115, 230
OA254LFG XC	OA254LFGSXC	OA254LFGHXC	115, 230
OA280LFG	OA280LFGS	OA280LFGH	115, 230

DC & EC models available

DRY CONTACT RELAY BOARD

Part Number	Description
DRY-RLY-BRD	Dry contact relay module for fans with ALANN output



FAN SPEED CONTROL UNIT

Part Number	Voltage (VAC)	Description
OA11/22CB	120, 220	Triac speed control for AC fans



OPEN FRAME MOTORS

Part Number	Rated Input Power (W)	Max Impeller Size (mm)	Weight (lbs)
OAM82AN	33	200	1.8
OAM92AN	38-40	230	2.4
OAM97AN	60	250	3.0
OAM105AN	73	250	3.3
OAM114AN	95	300	4.0
OAM125AN	120	300	4.0

*Accompanying brackets available for open frame motors

FAN CORDS



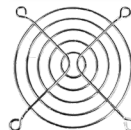
View the entire list of accessories
at OrionFans.com

GUARDS



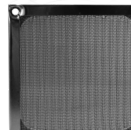
LOUVERED GUARDS

AVAILABLE FOR FAN SIZES:
120mm-280mm



STEEL WIRE GUARDS

AVAILABLE FOR FAN SIZES:
25mm-280mm



WIRE MESH GUARDS

AVAILABLE FOR FAN SIZES:
60mm-172mm



PLASTIC GUARDS

AVAILABLE FOR FAN SIZES:
40mm-172mm



PUSH-ON GUARDS

AVAILABLE FOR FAN SIZES:
80mm-172mm



PLASTIC FILTER KITS

AVAILABLE FOR FAN SIZES:
40mm-172mm

HARDWARE



RUBBER ISOLATORS

RFI-4MM-100,
RFI-4MM-250,
RFI-4MM-1000

FAN MOUNTING CLIP

FANCLIP-4MM-100,
FANCLIP-4MM-250,
FANCLIP-4MM-1000



Sizes up
to 1500 mm &
3 phase power
available!

VALUE-ADD

WE'LL MAKE YOU A FAN

Standard off-the-shelf solutions not meeting your project requirements? Orion Fans offers extensive customization and OEM capabilities to meet your exact cooling requirements.

From value-added modifications to fully custom, ground-up designs, we tailor solutions for optimal performance and reliability including replacements for unavailable, discontinued (EOL), or underperforming products.

TYPES OF VALUE-ADD:

- Adding Connectors
- Lead Treatment (sheathing, twisting, stripping, and solder dipping the ends)
- Custom Lead Length
- Custom Voltages
- Tapping Mounting Holes
- Adding Metal Inserts into the Mounting Holes
- Adding Spacers Between Flanges
- Kitting with Finger Guards & Power Cords
- Custom Fan Trays
- Special Options (Custom Voltages, Spot Cooling, Sealed Sleeve, Low-Noise, IP-Ratings, High Performance, Thermal Control, and More!)



POPULAR MARKETS



Agriculture/ Horticulture



Building Automation



Kiosks/ Digital Signage/
Gaming



Process & Industrial Controls/
Instrumentation & Automation



Food & Beverage



Computer/ Networking/
Telecom



Medical



Renewable/ Alternative
Energy / EV



Data Centers



HVAC/ Refrigeration



Oil & Gas (Petrochemical)



Transportation/ Material
Handling Equipment