

ORION FANS PART NUMBER CONFIGURATOR TABLES

AC FANS & BLOWERS



OA 109 AP - 11 - 1 T B XC 01

Special Function:

- 01 = Tachometer Output 5V TTL*
- 03 = Thermistor Speed Control (Hub)
- 05 = PWM Speed Control Input
- 07 = Temperature Sensor
- 09 = Tachometer* + Thermistor
- 11 = Tachometer* + Temperature Sensor
- 13 = Alarm* + PWM
- 15 = Tachometer* + Alarm* + PWM
- 17 = Extra Long Lead Wires
- 19 = High Temperature
- 21 = Customized, by Customer Drawing
- 23 = 0-10V Speed Control + Alarm*
- 55 or IP55 = IP55 Rated
- 68 or IP68 = IP68 Rated
- 68A or IP68A = IP68 Rated & ATEX Rated
- R = Reverse Airflow
- D = Dual Impeller
- 02 = Alarm Output 5V TTL*
- 04 = Thermistor Speed Control (Wire)
- 06 = Dual Speed
- 08 = Tachometer* + Alarm*
- 10 = Tachometer* + PWM
- 12 = Alarm* + Thermistor
- 14 = Alarm* + Temperature Sensor
- 16 = Tachometer* + Alarm* + Thermistor
- 18 = Metal Impeller
- 20 = Conformal Coating
- 22 = 0-10V Speed Control
- 24 = 0-10V Speed Control + Tach*
- SF = Salt Fog Rated
- 69K or IP69K = IP69K Rated
- CR = Corrosion Resistant
- X = Boxed

* To specify "open collector" instead of 5V TTL, add the letter "A" after the special functions code. For Inverted Alarm logic, add the letter "i" after the special functions code

High Performance: XC, XE, XJ = High Speed Blank = Standard Speed VXE, VXC, VXJ = High Speed Vane Axial

Bearing Type: B or Blank = Ball S = Sleeve SS = Sealed Sleeve

Termination: T = Quick connect terminals W or Blank = Wire Leads

Speed Versions: 1/2 = Dual 1/2/3 or 4/5/6 = Three Speed Lower ← 6 5 4 3 2 1 → Higher

Voltage: 11 = 115VAC 12, 115 = 120VAC 22, 23, 230 = 230VAC UR = 80 - 265VAC depending on Series
11/22 or 1/2 = Dual Voltage (115VAC or 230VAC depending on wire connections) Other voltages available

Frame Type:

- AP = Die Cast Aluminum Black
- AN = Aluminum Natural Finish
- EC = Plastic With Electronically Commutated Motor
- SAPL = Shaved Die Cast Aluminum Black, Low Profile
- APL = Aluminum Painted, Low Profile
- ANL = Aluminum Natural Finish, Low Profile
- EAN = Electronically Commutated, Natural Aluminum
- EAP = Electronically Commutated, Painted Aluminum
- SAP = Shaved Die Cast Aluminum Black
- SAN = Shaved Die Cast Aluminum Natural
- Blank = Die Cast Aluminum

Frame Size (mm):

60 = 60 x 60 x 30	119 = 127 x 127 x 38	180 (ANL/APL) = 180 x 180 x 65	800 = 125 x 126 x 39	22599 = 225 x 99
60EC = 60 x 60 x 25	5920 or 172 (SAP) = 172 x 150 x 51	200 = 200 x 220 x 70	908 = 183 x 190 x 70	250 = 251 x 98
825 = 80 x 80 x 25	162 = 172 x 172 x 55 (metal)	200EC = 250 x 76	13372 = 133 x 72	318 = 318 x 154
80 = 80 x 80 x 38	162-5E = 172 x 172 x 55	205 = 205 x 72	13391 = 133 x 91	360 = 360 x 167
92 = 92 x 92 x 25	172 (SAPL) = 172 x 150 x 38	225 = 225 x 225 x 80	18055 = 182 x 55	400 = 404 x 162
938 = 92 x 92 x 38	172SAP XC SF = 172 x 150 x 55	254 = 254 x 89	190 = 190 x 70	
125 = 120 x 120 x 25	172AP = 172 x 172 x 51	2543 = 254 x 89 (3 blade)	220 = 220 x 71	
109, 109EC = 120 x 120 x 38	172SAPEC = 172 x 150 x 51	2547 = 254 x 89 (7 blade)	22569 = 225 x 69	
4715 = 120 x 120 x 38	180 = 176 x 176 x 89	280 = 280 x 280 x 80	22585 = 225 x 85	

Base Model: OA = AC Fan OAB = AC Blower / Centrifugal Fan OAM = AC Motor OEM = EC Motor OAS = AC Skeleton Fan

Special function codes may not appear on the fan label unless specified by the customer.

ORION FANS PART NUMBER CONFIGURATOR TABLES

DC FANS & BLOWERS



OD	12	38	AP-	12-	H	T	B	XC	01	<p>01 = Tachometer Output 5V TTL* 03 = Thermistor Speed Control (Hub) 05 = PWM Speed Control Input 07 = Temperature Sensor 09 = Tachometer* + Thermistor 11 = Tachometer* + Temperature Sensor 13 = Alarm* + PWM 15 = Tachometer* + Alarm* + PWM 17 = Extra Long Lead Wires 19 = High Temperature 21 = Customized, by Customer Drawing 23 = 0-10V Speed Control + Alarm* 55 or IP55 = IP55 Rated 68 or IP68 = IP68 Rated CR = Corrosion Resistant X = Boxed</p> <p>02 = Alarm Output 5V TTL* 04 = Thermistor Speed Control (Wire) 06 = Dual Speed 08 = Tachometer* + Alarm* 10 = Tachometer* + PWM 12 = Alarm* + Thermistor 14 = Alarm* + Temperature Sensor 16 = Tachometer* + Alarm* + Thermistor 18 = Metal Impeller 20 = Conformal Coating 22 = 0-10V Speed Control 24 = 0-10V Speed Control + Tach* SF = Salt Fog Rated Z = PWM Reversible 69K or IP69K = IP69K Rated</p> <p>* To specify "open collector" instead of 5V TTL, add the letter "A" after the special functions code. For Inverted Alarm logic, add the letter "i" after the special functions code</p>	
									Special Function:		
									High Performance:	<p>XC, XE, XJ = High Speed Blank = Standard Speed VXE, VXC, VXJ = High Speed Vane Axial</p>	
									Bearing Type:	<p>B or Blank = Ball S = Sleeve SS = Sealed Sleeve</p>	
									Termination:	<p>T = Quick connect terminals Blank = Wire Leads</p>	
									Speed Versions:	<p>Lower ← LL L M H HH H3 → Higher</p>	
									Voltage:	<p>05 = 5VDC 12 = 12VDC 24 = 24VDC 48 = 48VDC 60 = 60VDC <i>Other voltages available</i></p>	
									Frame Type:	<p>Blank = Thermoplastic Construction SAPL = Shaved Die Cast Aluminum Black, Low Profile SAP = Shaved Die Cast Aluminum Black SAN = Shaved Die Cast Aluminum Natural SPOT / DIN = Spot Cooling w/ AC Adapter & DIN mounting package</p> <p>AP = Die Cast Aluminum Black APL = Die Cast Aluminum Black, Low Profile AN = Aluminum, Natural Finish SPOT = Spot Cooling w/ AC Adapter</p>	
									Thickness:	<p>06 = 6mm 10 = 10mm 15 = 15mm 20 = 20mm 25 = 25mm 28 = 28mm 32 = 32mm 35 = 35mm 38 = 38mm 45 = 45mm 56 = 56mm</p>	
									Frame Size (mm):	<p>25 = 25 x 25 60 = 60 x 60 172 = 172 x 51 5009 = 50 x 50 x 09 1232 = 120 x 32 22599 = 225 x 99 30 = 30 x 30 70 = 70 x 70 172(SAP) = 172 x 150 x 51 5115 = 51 x 15 182 = 182 x 171 x 82 250110 = 250 x 110 38 = 38 x 38 80 = 80 x 80 172(SAPL) = 172 x 150 x 38 6015 = 60 x 15 13391 = 133 x 91 40 = 40 x 40 92 = 92 x 92 180 = 180 x 65 7530 = 75 x 30 17567 = 175 x 67 50 = 50 x 50 120 = 120 x 120 254 = 254 x 89 9733 = 96 x 33 19069 = 190 x 69 52 = 52 x 52 127 = 127 x 38 280 = 280 x 89 600 = 120 x 31 22071 = 220 x 71</p> <p><i>Thickness dimensions are not included in part numbers for these frame sizes: 127, 172, 180, 254, 280</i></p>	

Base Model:

OD = DC Fan **ODS** = Frameless, Motorized Rotor Only **ODB** = DC Blower / Centrifugal Fan

Additional suffixes consisting of both numbers and letters may be applied for multiple fan modifications.

Special function codes may not appear on the fan label unless specified by the customer.

ORION FANS PART NUMBER CONFIGURATOR TABLES

FAN TRAYS



O	AT	3	0	2	S	-	A	
							Special Function:	<p>01 = Tachometer Output 5V TTL* 03 = Thermistor Speed Control (Hub) 05 = PWM Speed Control Input 7 = 7" Short Rails 09 = Tachometer* + Thermistor 13 = Alarm* + PWM 15 = Tachometer* + Alarm* + PWM 19 = High Temperature 21 = Customized, by Customer Drawing 23 = 0-10V Speed Control + Alarm* 55 or IP55 = IP55 Rated 68 or IP68 = IP68 Rated 68A or IP68A = IP68 Rated & ATEX Rated DUAL = Redundant Dual Power Supplies IEC-DUAL = Redundant Dual Power Supplies (C14 Input)</p> <p>Z = Reversible Direction via PWM 02 = Alarm Output 5V TTL* 04 = Thermistor Speed Control (Wire) 08 = Tachometer* + Alarm* 10 = Tachometer* + PWM 12 = Alarm* + Thermistor 22 = 0-10V Speed Control 24 = 0-10V Speed Control + Tach* 69K or IP69K = IP69K Rated ER = Rail Extension Removed A = Additional Expansion Module IEC = C14 IEC Input Socket XC, XE, XJ, VXC, VXE, VXJ = High Performance RV = Reverse Airflow Direction G = Double Fan Guards</p> <p>* To specify "Open Collector" instead of 5V TTL, add the letter "A" after the Tach or Alarm code. For Inverted Alarm logic (Fail LOW), add the letter "i" after the Alarm code</p> <p>Additional suffixes consisting of both numbers and letters may be applied for multiple fan modifications.</p>
							Tray Style:	<p>Alternative Speeds:</p> <p>Lower ← LL L M High Speed is Default HH H3 → Higher</p> <p>S = Short Loaded, Modular ST = Short Tray, Permanent Blank = Full Length</p>
							Voltage:	<p>0 = 115 VAC 2 = 230 VAC 4 = 48 VDC 6 = 60 VDC 1 = 12 VDC 3 = 24 VDC 5 = Universal Range AC 7 = Dual Voltage 115/230VAC</p>
							Rack Unit:	0 or 1 = 1 RU 2 = 2 RU 3 = 3 RU
							# of Fans:	2 = 2 Fans 3 = 3 Fans 6 = 6 Fans 9 = 9 Fans
							Fan Type:	DT or D = DC Fan Tray AT or A = AC Fan Tray ET or E = EC Fan Tray
Brand:							O = Orion	Special function codes may not appear on the fan label unless specified by the customer.