

The Orion Fans logo is a blue square with rounded corners. At the top, the word "ORION" is written in white, bold, sans-serif capital letters. In the center is a white square with rounded corners, featuring a blue diagonal band from the bottom-left to the top-right. Three white stars are positioned along this band. The white square is surrounded by four small white circles, resembling mounting holes. At the bottom, the word "FANS" is written in white, bold, sans-serif capital letters.0125

ORION FANS PART NUMBER CONFIGURATOR TABLES

DC FANS & BLOWERS



OD 12 38 AP- 12- H T B XC 01									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 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 68C or IP68C = IP68 & IEC 60079 Rated 68D or IP68D = IP68 & UL 60079 Rated 69K or IP69K = IP69K Rated * 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
Special Function: High Performance: Bearing Type: Termination: Speed Versions: Voltage: Frame Type: Thickness: Frame Size (mm):									XC, XE, XJ = High Speed Blank = Standard Speed VXE, VXC, VXJ = High Speed Vane Axial B or Blank = Ball S = Sleeve SS = Sealed Sleeve T = Quick connect terminals Blank = Wire Leads Lower LL L M H HH H3 Higher 05 = 5VDC 12 = 12VDC 24 = 24VDC 48 = 48VDC 60 = 60VDC Other voltages available 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 AP = Die Cast Aluminum Black APL = Die Cast Aluminum Black, Low Profile AN = Aluminum, Natural Finish SPOT = Spot Cooling w/ AC Adapter 06 = 6mm 32 = 32mm 10 = 10mm 35 = 35mm 15 = 15mm 38 = 38mm 20 = 20mm 45 = 45mm 25 = 25mm 56 = 56mm 28 = 28mm 25 = 25 x 25 30 = 30 x 30 38 = 38 x 38 40 = 40 x 40 50 = 50 x 50 52 = 52 x 52 60 = 60 x 60 70 = 70 x 70 80 = 80 x 80 92 = 92 x 92 120 = 120 x 120 127 = 127 x 38 172 = 172 x 51 172(SAP) = 172 x 150 x 51 172(SAPL) = 172 x 150 x 38 180 = 180 x 65 254 = 254 x 89 280 = 280 x 89 5009 = 50 x 50 x 09 5115 = 51 x 15 6015 = 60 x 15 7530 = 75 x 30 9733 = 96 x 33 600 = 120 x 31 1232 = 120 x 32 182 = 182 x 171 x 82 13391 = 133 x 91 17567 = 175 x 67 19069 = 190 x 69 22071 = 220 x 71 22599 = 225 x 99 250110 = 250 x 110
Base Model: OD = DC Fan ODS = Frameless, Motorized Rotor Only ODM = DC Motor ODP = DC Plate Fan 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.									Thickness dimensions are not included in part numbers for these frame sizes: 127, 172, 180, 254, 280

ORION FANS PART NUMBER CONFIGURATOR TABLES

FAN TRAYS



O	AT	3	0	2	S	-	A
							Special Function:
							Tray Style:
							Voltage:
							Rack Unit:
							# of Fans:
							Fan Type:
							Brand:

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)

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

** 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*

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

Alternative Speeds:

Lower ← **LL** **L** **M** High Speed is Defult **HH** **H3** → Higher

S = Short Loaded, Modular **ST** = Short Tray, Permanent **Blank** = Full Length

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

0 or 1 = 1 RU **2** = 2 RU **3** = 3 RU

2 = 2 Fans **3** = 3 Fans **6** = 6 Fans **9** = 9 Fans

DT or D = DC Fan Tray **AT or A** = AC Fan Tray **ET or E** = EC Fan Tray

O = Orion

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