

Orion Fans Part Number Configurator Tables - AC Fans



OA 109 AP - 22 - 1 T B - 18

Special Function:

R = Reverse Airflow
18 = Metal Impeller
SF = Salt Fog Rated

03 = Temperature Control
55 or IP55 = IP55 Rated
IP68A = IP68 & ATEX Rated

XC = High Performance
56 or IP56 = IP56 Rated

Bearing Type: **B** = Ball bearing **S** = Sleeve Bearing

Termination: **T** = Quick connect terminals **W** = 12" wire leads

Speed Version: **1** = High Speed **2** = Medium Speed **3** = Low Speed

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)

Frame Type: **AP** = Aluminum painted

AN = Aluminum natural finish

EC = Plastic with electronically commutated motor

SAPL = Stackable aluminum painted, low profile

APL = Aluminum painted, low profile

ANL = Aluminum natural finish, low profile

SAP = Stackable aluminum painted

(case size in mm)	60 = 60 x 60 x 30 60EC = 60 x 60 x 25 825 = 80 x 80 x 25 80 = 80 x 80 x 38 938 = 92 x 92 x 38 125 = 120 x 120 x 25 109, 109EC = 120 x 120 x 38 4715 = 120 x 120 x 38 (low cost) 119 = 127 x 127 x 38	5920 or 172 (SAP) = 172 x 150 x 51 162 = 172 x 172 x 55 (metal) 162-5E = 172 x 172 x 55 172 (SAPL) = 172 x 150 x 38 172SAP XC SF = 172 x 150 x 55 172AP = 172 x 172 x 51 172SAPEC = 172 x 150 x 51 180 = 176 x 176 x 89 180 (ANL/APL) = 180 x 180 x 65	200 = 200 x 220 x 70 200EC = 250 x 76 205 = 205 x 72 225 = 225 x 225 x 80 254 = 254 x 89 2543 = 254 x 89 (3 blade) 2547 = 254 x 89 (7 blade) 280 = 280 x 280 x 80
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Base Model

OA = AC fan

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

Orion Fans Part Number Configurator Tables - DC Fans



OD 12 38 AP-12 H T B 01

Special Function:

01 =Tachometer Output 5VTTL*	02 =Alarm Output 5VTTL*	03 =Thermistor Speed Control (hub)
04 =Thermistor Speed Control (wire)	05 =PWM Input	06 =Dual Speed
07 =Temperature Sensor	08 =Tachometer*+Alarm*	09 =Tachometer*+Thermistor
10 =Tachometer*+PWM	11 =Tachometer*+Temperature Sensor	12 =Alarm*+Thermistor
13 =Alarm*+PWM	14 =Alarm*+Temperature Sensor	15 =Tachometer*+Alarm*+PWM
16 =Tachometer*+Alarm*+Thermistor	17 =Extra Long Lead Wires	18 =Metal Impeller
19 =High Temperature	20 =Conformal Coating	21 =Customized
55 or IP55 =IP55 Rated	SF =Salt Fog Rated	

* To specify "open collector" instead of 5VTTL, add the letter "a" after the special functions code

High Static Pressure: **XC**=High Performance **VXC**=Vane Axial **XC,XE,XJ**=Super High Performance

Bearing Type: **B** = Ball bearing **S** = Sleeve Bearing **SS** = Sealed Sleeve Bearing

Termination: **T** = Quick connect terminals **{blank}** = 12" wire leads

Speed Version: **HH**=Extra High Speed **H**=High Speed **M**=Medium Speed
L=Low Speed **LL**=Extra Low Speed

Voltage: **05** = 5VDC **12** = 12VDC **24** = 24VDC **48** = 48VDC **60** = 60VDC Other voltages available

Frame Type: **{blank}** = Thermoplastic Construction **AP** = Diecast Aluminum Black
SAPL = Stackable Diecast Aluminum Black, Low Profile **APL** = Diecast Aluminum Black, Low Profile
SAP = Stackable Diecast Aluminum Black **SPOT** = Spot Cooling w/ AC Adapter
SPOT / DIN = Spot Cooling w/ AC Adapter & DIN mounting package

Thickness: **06** = 6mm **10** = 10mm **15** = 15mm **20** = 20mm **25** = 25mm **28** = 28mm
32 = 32mm **35** = 35mm **38** = 38mm **45** = 45mm **56** = 56mm

Frame Size (in mm): **25** = 25 x 25 **30** = 30 x 30 **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 **12** = 120 x 120 **127** = 127 x 38 **172(SAPL)** = 172 x 38
172 = 172 x 150 **180** = 180 x 65 **254** = 254 x 89 **280** = 280 x 89

Thickness dimensions are not included in part numbers for these frame sizes: 127, 172, 180, 254, 280

Base Model: **OD** = DC 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 - AC Blowers & Motorized Impellers



OAB 800 AN - 22 - 3 B

Bearing Type: **B** or **Blank** = Dual Ball Bearing Sealed

Speed Options: **1** = High Speed
2 = Medium Speed
3 = Low Speed
1/2 = Dual Speed

Voltage: **11** = 115 or 120VAC
22 = 220 or 230VAC

Frame Type: **AN** = Aluminum natural finish
Blank = Diecast Aluminum

AC Blowers

Model: **800** = 125 x 126 x 39
(size in mm) **908** = 183 x 190 x 70

AC Motorized Impellers

Model: 13372 = 133 x 72	22585 = 225 x 85
(size in mm) 13391 = 133 x 91	22599 = 225 x 99
18055 = 182 x 55	250 = 251 x 98
190 = 190 x 70	318 = 318 x 154
220 = 220 x 71	360 = 360 x 167
22569 = 225 x 69	400 = 404 x 162

Base Model: **OAB** = AC Blower
OAB = AC Motorized Impeller

Other models and frame sizes available
All AC motorized impellers ship with required capacitor

Orion Fans Part Number Configurator Tables - DC Blowers & Motorized Impellers



ODB 1232 - 24 HH B

Special Function:

01A = Tachometer Open Collector

02A = Alarm Open Collector

05 = PWM Input

10A = Tachometer Open Collector + PWM

17 = Extra Long Lead Wires

20 = Conformal Coating

21 = Customized

55 or IP55 = IP55 Rated

Bearing Type: **B** = Dual Ball Bearing Sealed

Speed Options: **HH** = Extra High Speed
H = High Speed
M = Medium Speed
L = Low Speed

Voltage: **5** = 5VDC
12 = 12VDC
24 = 24VDC
48 = 48VDC

Frame Type: **PT** or **Blank** = Thermoplastic **AN** = Aluminum natural finish

DC Blowers

Model: **5009** = 50 x 50 x 09
(size in mm) **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

DC Motorized Impellers

Model: **13391** = 133 x 91
(size in mm) **17567** = 175 x 67
19069 = 190 x 69
22071 = 220 x 71
22599 = 225 x 99
250110 = 250 x 110

Base Model: **ODB** = DC Blower
ODB = DC Motorized Impellers

Other models and frame sizes available

Mouser Electronics

Authorized Distributor

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Orion Fans:

[OD6038-24HBVXC](#) [OD4028-12HHB](#)