

Orion Fans Part Number Configurator Tables - AC Fans



OA 109 AP - 22 - 1 T B - 18

Special Function:

R = Reverse Airflow **03** = Temperature Control **XC** = High Performance
18 = Metal Impeller **55 or IP55** = IP55 Rated **56 or IP56** = IP56 Rated
SF = Salt Fog Rated **IP68A** = IP68 & ATEX 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 **APL** = Aluminum painted, low profile
AN = Aluminum natural finish **ANL** = Aluminum natural finish, low profile
EC = Plastic with electronically commutated motor **SAP** = Stackable aluminum painted
SAPL = Stackable aluminum painted, low profile

| | | |
|--|---|--|
| (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 |
|--|---|--|

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 | Z =PWM Reversible |

* To specify "open collector" instead of 5VTTL, add the letter "a" after the special functions code
For Inverted Alarm logic, add the letter "i" 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 **AN** = Aluminum Natural Finish
SPOT / DIN = Spot Cooling w/ AC Adapter & DIN mounting package **SPOT** = Spot Cooling w/ AC Adapter

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 **ODS** = Skeleton, no frame

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:** (size in mm)
- 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

DC Motorized Impellers

- Model:** (size in mm)
- 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: ODB = DC Blower
 ODB = DC Motorized Impellers

Other models and frame sizes available