<table>
<thead>
<tr>
<th>Frame Type</th>
<th>AP = Aluminum painted</th>
<th>AN = Aluminum natural finish</th>
<th>EC = Plastic with electronically commutated motor</th>
<th>SAPL = Stackable aluminum painted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>11 = 115VAC</td>
<td>12, 115 = 120VAC</td>
<td>22, 23, 230 = 230VAC</td>
<td>11/22 or 1/2 = Dual Voltage</td>
</tr>
<tr>
<td></td>
<td>11/2 or 1/2 = Dual Voltage (115VAC or 230VAC depending on wire connections)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speed Version</td>
<td>1 = High Speed</td>
<td>2 = Medium Speed</td>
<td>3 = Low Speed</td>
<td></td>
</tr>
<tr>
<td>Termination</td>
<td>T = Quick connect terminals</td>
<td>W = 12” wire leads</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bearing Type</td>
<td>B = Ball bearing</td>
<td>S = Sleeve Bearing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special Function</td>
<td>R = Reverse Airflow</td>
<td>03 = Temperature Control</td>
<td>55 or IP55 = IP55 Rated</td>
<td>XC = High Performance</td>
</tr>
<tr>
<td></td>
<td>18 = Metal Impeller</td>
<td>56 or IP56 = IP56 Rated</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SF = Salt Fog Rated</td>
<td>IP68A = IP68 &amp; ATEX Rated</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Case Size (in mm)**

<table>
<thead>
<tr>
<th>Case Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>60 x 60 x 30</td>
</tr>
<tr>
<td>60EC</td>
<td>60 x 60 x 25</td>
</tr>
<tr>
<td>825</td>
<td>80 x 80 x 25</td>
</tr>
<tr>
<td>80</td>
<td>80 x 80 x 38</td>
</tr>
<tr>
<td>938</td>
<td>92 x 92 x 38</td>
</tr>
<tr>
<td>125</td>
<td>120 x 120 x 25</td>
</tr>
<tr>
<td>125</td>
<td>120 x 120 x 38</td>
</tr>
<tr>
<td>109, 109EC</td>
<td>120 x 120 x 38</td>
</tr>
<tr>
<td>4715</td>
<td>120 x 120 x 38 (low cost)</td>
</tr>
<tr>
<td>119</td>
<td>127 x 127 x 38</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>OD 12 38 AP-12 H T B 01</th>
</tr>
</thead>
</table>

## Special Function:
- **01** = Tachometer Output 5VTTL*
- **02** = Alarm Output 5VTTL*
- **03** = Thermistor Speed Control (hub)
- **04** = Thermistor Speed Control (wire)
- **05** = PWM Input
- **08** = Tachometer* + Alarm*
- **09** = Tachometer* + Thermistor
- **10** = Tachometer* + PWM
- **11** = Tachometer* + Temperature Sensor
- **12** = Alarm* + Thermistor
- **13** = Alarm* + PWM
- **14** = Alarm* + Temperature Sensor
- **16** = Tachometer* + Alarm* + Thermistor
- **17** = Extra Long Lead Wires
- **18** = Metal Impeller
- **19** = High Temperature
- **20** = Conformal Coating
- **55** or **IP55** = IP55 Rated
- **06** = Tachometer* + Alarm* + PWM
- **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
- **55** or **IP55** = IP55 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
- **SAP** = Stackable Diecast Aluminum Black
- **SPOT** = Spot Cooling w/ AC Adapter & DIN mounting package
- **SPOT / DIN** = 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
- **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** = 172 x 150
- **180** = 180 x 65
- **254** = 254 x 89
- **280** = 280 x 89

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 - AC Blowers & Motorized Impellers

<table>
<thead>
<tr>
<th>OAB 800 AN - 22 - 3 B</th>
<th>AC Blowers</th>
<th>AC Motorized Impellers</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Model: 800 = 125 x 126 x 39</td>
<td>Model: 13372 = 133 x 72</td>
</tr>
<tr>
<td></td>
<td>(size in mm) 908 = 183 x 190 x 70</td>
<td>(size in mm) 13391 = 133 x 91</td>
</tr>
<tr>
<td></td>
<td>908 = 183 x 190 x 70</td>
<td>22585 = 225 x 85</td>
</tr>
<tr>
<td></td>
<td></td>
<td>22599 = 225 x 99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18055 = 182 x 55</td>
</tr>
<tr>
<td></td>
<td></td>
<td>22599 = 225 x 99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>190 = 190 x 70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>22599 = 225 x 99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>220 = 220 x 71</td>
</tr>
<tr>
<td></td>
<td></td>
<td>318 = 318 x 154</td>
</tr>
<tr>
<td></td>
<td></td>
<td>22569 = 225 x 69</td>
</tr>
<tr>
<td></td>
<td></td>
<td>360 = 360 x 167</td>
</tr>
<tr>
<td></td>
<td></td>
<td>400 = 404 x 162</td>
</tr>
</tbody>
</table>

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

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

## DC Blowers

<table>
<thead>
<tr>
<th>Model</th>
<th>Size (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5009</td>
<td>50 x 50 x 09</td>
</tr>
<tr>
<td>5115</td>
<td>51 x 15</td>
</tr>
<tr>
<td>6015</td>
<td>60 x 15</td>
</tr>
<tr>
<td>7530</td>
<td>75 x 30</td>
</tr>
<tr>
<td>9733</td>
<td>96 x 33</td>
</tr>
<tr>
<td>600</td>
<td>120 x 31</td>
</tr>
<tr>
<td>1232</td>
<td>120 x 32</td>
</tr>
<tr>
<td>182</td>
<td>182 x 171 x 82</td>
</tr>
</tbody>
</table>

## DC Motorized Impellers

<table>
<thead>
<tr>
<th>Model</th>
<th>Size (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>13391</td>
<td>133 x 91</td>
</tr>
<tr>
<td>17567</td>
<td>175 x 67</td>
</tr>
<tr>
<td>19069</td>
<td>190 x 69</td>
</tr>
<tr>
<td>22071</td>
<td>220 x 71</td>
</tr>
<tr>
<td>22599</td>
<td>225 x 99</td>
</tr>
<tr>
<td>250110</td>
<td>250 x 110</td>
</tr>
</tbody>
</table>

### 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

---

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

Other models and frame sizes available.