

# 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** = IP56 Rated  
**SF** = Salt Fog 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  
**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  
**SAP** = Stackable aluminum painted      **SAPL** = Stackable aluminum painted, low profile

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

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

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