FANS	ORIC Standard and make you a far	DN F Custom Coolin	ANS g Solutions wit	th JIT Delivery	Products Worldwide	Purchase	Contact	FAQ
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Shipp	oing	Policy	Appr	ovals	Aquarium	IS	a data shee	et
	DC Part Numb	er: Description -	DC Part Number	: 120x38mm, 12	VDC, high speed,	terminal-type, b	all bearing fan	
OD	1238	-	12	Н	Т	В	01	Life Expectancy
OD = Orion DC Orion DC fan part numbers will	"1238" = Series Number Series numbers designate frame	[blank]=Frame Construction A blank here indicates standard	"12" = Voltage	"H" = Speed DC Fans are generally available	"T" = Termination DC Fans are available (except as	B = Bearing Type Standard bearing types are	01 = Special Function Code A suffix after the bearing designator	Static Pressure
generally begin with "OD" (Orion DC) or	sizes. "1238" will always refer to a 120X38mm fan. (See tables below	UL94V-0 Thermoplastic con- struction. Sometimes a "PT" appears here on	"05" (SVDC), "12" (12VDC), "24" (24VDC), "48" (48VDC)	as "H" (high speed), "M" (medi-	noted) with power connection termi- nals (T) or with 12" Lead wires [blank]	"B" - ball bearing and "S" - (sleeve bear-	usually indicates a specific modifica- tion to the fan. In this case "01" indi- cates a SVTTL tach	Airflow (CFM)
"ODB" (Orion DC Blower)	for fan series listed by size)	older models indi- cating standard thermoplastic. "AP" indicates diecast		order "HH" (extra high speed) and "LL" (extra low speed)		"SS" - sealed sleeve	o/p.	Noise (dB) Voltage
		AL, Painted black						
How to read a with a metal imp		ber: Description	- AC Part Numbe	r: 120x38mm, 22	20VAC, high spee	d, ball bearing, t	erminal-type fan	Speed (RPM)
OA	109	AP	22	1	Т	В	18	Bearings
OA = Orion AC	"109" = Series Number	AP = Frame Construction	"22" = Voltage	"1" = Speed	"T" = Termination	B = Bearing Type	18 = Special Function Code	
Orion AC fan part numbers will generally begin	Series numbers designate frame sizes. In this case	Frames are available as "AP" (Aluminum	Standard AC voltages are "11" (115VAC),	AC Fans are generally available as "1"	AC Fans are available (except as noted) with power	Standard bearing types are	bearing designator usually indicates a	Testing
with "OA" (Orion AC) or	"109" will always refer to a 120X38mm fan.	Painted), "AN" (Aluminum Natural Sanded)	"22" (230VAC), "11/22" or "1/2"	(high speed), "2" (medium speed),	connection termi- nals (T) or with 12" Lead wires (W)	"B" - ball bearing and	specific modifica- tion to the fan. In this case 18 indi-	Special Functions
"OAB" (Orion AC Blower)			(115/230 dual VAC)	"3" (low speed)		"S" - sleeve bearing and "SS" - sealed sleeve	cates a metal impeller rather than Thermoplastic which is standard on this model	Part Numbers

AC Series	Fan Size	Fan Size	DC Series	Fan Size	Fan Size
Numbers	(mm)	(inches)	Numbers	(mm)	(inches)
OA60 OA825 OA80 OA92 OA938 OA125 OA109, OA4715 OA172SAPL OA172SAPL OA172SAP, OA5920 OA180APL OA180AP OA254	60x30 80x25 80x38 92x25 92x38 120x25 120x38 172x150x38 172x150x38 172x150x51 178x65 178x89 254x89	2.36"x1.20" 3.15"x1.00" 3.62"x1.00" 3.62"x1.00" 4.7"x1.0" 4.7"x1.5" 5.0"x1.5" 6.7"x5.9"x1.5" 6.7"x5.9"x2.0" 7.0"x2.6" 7.0"x3.5" 10"x3.5" -round	0D2510 OD3010 OD4010 0D4018 OD4020 OD4028 OD5210 OD6010 OD6015 OD6025 OD8025 OD8025 OD8025 OD8032 OD9220 OD9220 OD1225 OD1225 OD1225 OD1225 OD1228 OD127 OD172SAPL OD172SAPL OD172SAP	25x10 30x10 40x18 40x20 40x28 52x10 60x10 60x15 60x20 60x25 80x25 80x25 80x25 80x25 92x20 92x20 92x25 120x25 120x25 120x38 127x38 172x150x38 172x150x51 254x89	1.0"x0.39" 1.18"x0.39" 1.57"x0.79" 1.57"x0.79" 1.57"x0.79" 2.36"x0.39" 2.36"x0.39" 2.36"x0.59" 2.36"x0.79" 2.36"x1.0" 3.15"x1.25" 3.62"x1.0" 4.7"x1.25" 4.7"x1.5" 6.7"x5.9"x1.5" 6.7"x5.9"x1.5" 6.7"x5.9"x2.0" 10"x3.5"

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Shipping	Stock Policy	Approvals	Aquariums		ow to rea data she		

Add these codes to the end of your ORION FANS part number to specify custom fan functions.

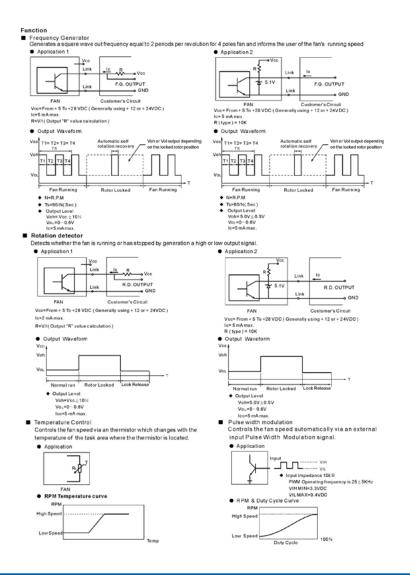
none	Standard				
01	Tachometer Output 5VTTL*				
02	Alarm Output 5VTTL *				
03	Thermistor Speed Control (hub)				
04	Thermistor Speed Control (wire)				
05	PWM Input				
06	Dual Speed				
07	Temperature Sensor				
08	Tachometer + Alarm*				
09	Tachometer + Thermistor*				
10	Tachometer + PWM*				
11	Tachometer + Temperature Sensor* Alarm + Thermistor* Alarm + PWM*				
12					
13					
14	Alarm + Termperature Sensor*				
15	Tachometer + Alarm + PWM* Tachometer + Alarm + Thermistor* Extra Long Lead Wires				
16					
17					
18	Metal Impeller				
19	High Temperature Conformal Coating				
20					
21	Customized				
/TTL" or as "	and Alarm functions are available as open collector". If you need an "open col- ase add the letter "a" after the Special				

Life Expectancy Static Pressure Airflow (CFM) Noise (dB) Voltage Speed (RPM) Bearings Testing Special Functions

Circuit diagrams are provided for reference only. Not all applications work the same way.

Please consult with your designer(s) to verify compatibility of these functions with your project.

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