





# Orion AC Cooling Fans

Size A x B Inches (mm)	Model Number	Speed (RPM)	Max. CFM	Noise (dB)	Volts	Voltage Range	Watts	Max. Static Pressure		
3.15" x 1" (80 x 26) Mounting Centers 2.82" (71.5mm)	OA825AP-11-1W ( )	3000	25	28	115	80 - 120	9.0	0.21		
	11-2W ( )	2300	18	24	115		6.0	0.14		
	11-3W ( )	1600	13	20	115		4.0	0.11		
	OA825AP-22-1W ( )	3000	25	28	220	160 - 260	9.0	0.21		
	22-2W ( )	2300	18	24	220		6.00	0.14		
	22-3W ( )	1600	13	20	220		4.00	0.11		
3.15" x 1.5" (80 x 38) Mounting Centers 2.82" (71.5mm)	OA80AP-11-1W ( )	3000	31	29	115	80 - 120	12.0	0.24		
	11-2W ( )	2300	23	22	115		9.0	0.15		
	11-3W ( )	1600	17	18	115		5.0	0.10		
	OA80AP-22-1W ( )	3000	31	29	220	160 - 260	12.0	0.24		
	22-2W ( )	2300	23	22	220		9.0	0.15		
	22-3W ( )	1600	17	18	220		5.0	0.10		
3.62" x 1" (92 x 26) Mounting Centers 3.25" (82.5mm)	OA92AP-11-1 [ ] ( )	3000	35	30	115	80 - 120	13.0	0.20		
	11-2 [ ] ( )	2300	27	22	115		10.0	0.14		
	11-3 [ ] ( )	1600	21	19	115		6.0	0.09		
	OA92AP-22-1 [ ] ( )	3000	35	30	220	160 - 260	13.0	0.20		
	22-2 [ ] ( )	2300	27	22	220		10.0	0.14		
	22-3 [ ] ( )	1600	21	19	220		6.0	0.09		
3.62" x 1.5" (92 x 38) Mounting Centers 3.25" (82.5mm)	OA938AP-11-1 [ ] ( )	3100	50	32	115	80 - 120	9.0	0.22		
	11-2 [ ] ( )	2400	32	23	115		5.0	0.17		
	11-3 [ ] ( )	1800	21	19	115		3.0	0.10		
	OA938AP-22-1 [ ] ( )	3100	50	32	220	160 - 260	9.0	0.22		
	22-2 [ ] ( )	2400	32	23	220		5.0	0.17		
	22-3 [ ] ( )	1800	21	19	220		3.0	0.10		
4.72" x 1" (120 x 26) Mounting Centers 4.13" (105mm)	OA125AP-11-1 [ ] ( )	2900	81	33	115	80 - 120	13.0	0.23		
	11-2 [ ] ( )	2300	60	27	115		10.0	0.18		
	11-3 [ ] ( )	1600	42	22	115		6.0	0.12		
	OA125AP-22-1 [ ] ( )	2900	81	33	220	160 - 260	13.0	0.23		
	22-2 [ ] ( )	2300	60	27	220		10.0	0.18		
	22-3 [ ] ( )	1600	42	22	220		6.0	0.12		
4.72" x 1.5" (120 x 38) Mounting Centers 4.13" (105mm)	OA109AP-11-1 [ ] ( )	3000	110	37	115	80 - 120	15.0	0.28		
	11-2 [ ] ( )	2300	71	30	115		11.0	0.21		
	11-3 [ ] ( )	1600	51	25	115		8.0	0.15		
	OA109AP-22-1 [ ] ( )	3000	110	37	220	160 - 260	15.0	0.28		
	22-2 [ ] ( )	2300	71	30	220		11.0	0.21		
	22-3 [ ] ( )	1600	51	25	220		8.0	0.15		
5" x 1.5" (127 x 38) Mounting Centers 4.13" (105mm)	OA119AP-11-1 [ ] ( )	3000	130	39	115	80 - 120	14.0	0.33		
	11-2 [ ] ( )	2300	95	33	115		10.0	0.27		
	11-3 [ ] ( )	1400	74	26	115		7.0	0.20		
	OA119AP-22-1 [ ] ( )	3000	130	39	220	160 - 260	14.0	0.33		
	22-2 [ ] ( )	2300	95	33	220		10.0	0.27		
	22-3 [ ] ( )	1400	74	26	220		7.0	0.20		
6.77" x 5.91" x 2" (172 x 150 x 51) Mounting Centers 6.38" (162mm)	OA162AP-11-1 [ ] ( )	3000	230	52	115	80 - 120	37.0	0.71		
	11-2 [ ] ( )	2400	148	41	115		30.0	0.58		
	11-3 [ ] ( )	1400	100	30	115		20.0	0.23		
	OA162AP-22-1 [ ] ( )	3000	230	52	220	160 - 260	37.0	0.71		
	22-2 [ ] ( )	2400	148	41	220		30.0	0.58		
	22-3 [ ] ( )	1400	100	30	220		20.0	0.23		
6.77" x 2" (172 x 51) Mounting Centers 6.38" (162mm)	Thermally protected capacitor inductor motor									
	OA172AN-11-1 [ ] ( )	3500	235	46	115	80 - 120	35.0	0.79		
	11-2 [ ] ( )	2400	170	35	115		20.0	0.55		
	11-3 [ ] ( )	1500	106	27	115		16.0	0.31		
	OA172AN-22-1 [ ] ( )	3500	235	46	220	160 - 260	35.0	0.79		
	22-2 [ ] ( )	2400	170	35	220		20.0	0.55		
22-3 [ ] ( )	1500	106	27	220		16.0	0.31			
6.77" x 5.91" x 2" (172 x 150 x 51) Mounting Centers 6.38 (162mm)	Thermally protected capacitor inductor motor									
	OA172SAN-11-1 [ ] ( )	3500	235	46	115	80 - 120	35.0	0.79		
	11-2 [ ] ( )	2400	170	35	115		20.0	0.55		
	11-3 [ ] ( )	1500	106	27	115		16.0	0.31		
	OA172SAN-22-1 [ ] ( )	3500	235	46	220	160 - 260	35.0	0.79		
	22-2 [ ] ( )	2400	170	35	220		20.0	0.55		
22-3 [ ] ( )	1500	106	27	220		16.0	0.31			

[ ] Indicate [T] Terminal or [W] Wire

( ) Indicate (B) Ball or (S) Sleeve

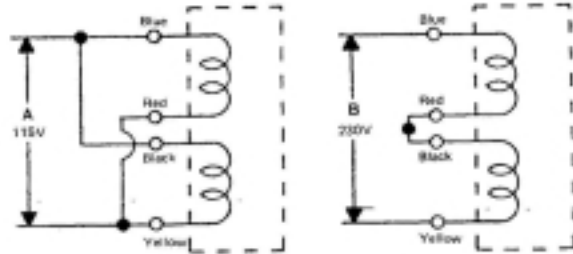


Distributed by :  
Main Electronic Supplies Ltd 4554 Main Street Vancouver BC



## AC Dual Voltage Fans

Size A x B Inches (mm)	Model Number	Airflow @ 60 Hz		
		High	Med	Low
3.15" x 1" (80 x 26)	QA825	25	13	8
3.15" x 1.5" (80 x 38)	QA80	31	23	17
3.62" x 1" (92 x 26)	QA92	35	27	21
3.15" x 1.5" (92 x 38)	QA938	50	32	21
4.71" x 1.0" (120 x 26)	QA125	81	60	42
4.71" x 1.5" (120 x 38)	QA109	110	71	50
5.0" x 1.5" (127 x 38)	QA119	130	95	74
5.0" x 1.6" (126 x 40)	OAB800	30	22	14
6.77" x 2" (172 x 51)	QA162	230	148	100
6.77" x 2" (172 x 51)	QA172	235	170	160

A/B Rated dual voltages: 115/230 Dual VAC, 50/60 Hz  
120/240 Dual VAC, 50/60 Hz  
240/480 Dual VAC, 50/60 Hz  
12/24 Dual VAC, 50/60 Hz  
24/48 Dual VAC 50/60 Hz  
...And other rated dual voltages  
available on request





## CPU Heatsink Fan Assemblies

Size A x B Inches (mm)	Model Number	Description	Speed (RPM)	Max. CFM	Noise (dB)	Volts* (VDC)	Bearing*	Current (Amp)	
1.76" x 1.76" x .67" (44.8 x 44.6 x 17)	HF486	486 CPU cooler	6000	3.8	27	12	Sleeve	.06	
2.4" x 2.0" x .89" (62 x 50 x 22.5)	OD12055M	586 CPU cooler Snap-On	4500	3.8	21	12	Sleeve	.05	
2.4 x 2.0 x .89 (62 x 50 x 22.5)	OD12055P	586 CPU cooler with clip	4500	3.8	21	12	Sleeve	.05	
2.06 x 2.06 x 1 (53 x 53 x 25.3)	OD12055Y	586 CPU cooler (Pentium 150, 160 166, 180 & 200 MHz)	4500	8.2	22	12	Sleeve	.065	

\* Ball Bearing and 5 Volt Versions Available

## DC Cooling Fans

Size A x B Inches (mm)	Model Number	Speed (RPM)	Max. CFM	Noise (dB)	Volts (VDC)	Voltage Range	Current (Amp)	Max. Static Pressure			
1.57" x .39" (40 x 10) Mounting Centers 1.26" (32mm)	OD4010-05H ( )	7000	4.8	31	5	4 - 8	0.10	0.16			
		5000	3.8	27	5		0.07	0.12			
		4000	2.5	24	5		0.06	0.08			
	OD4010-12H ( )	8000	5.0	31	12	6 - 17	0.07	0.16			
		8000	3.8	27	12		0.05	0.12			
		4000	2.5	24	12		0.04	0.08			
	OD4010-24H ( )	8000	5.0	31	24	10 - 27	0.08	0.16			
		6000	3.8	27	24		0.05	0.12			
		4000	2.5	24	24		0.03	0.08			
	1.57" x .79" (40 x 20) Mounting Centers 1.26" (32mm)	OD4020-05H ( )	6000	7.0	30	5	4 - 7	0.12		0.17	
			5000	5.3	24	5		0.10		0.14	
			4000	4.0	20	5		0.09		0.12	
OD4020-12H ( )		7000	7.5	30	12	7 - 14	0.08	0.18			
		5500	5.3	24	12		0.07	0.14			
		4500	4.5	20	12		0.06	0.12			
OD4020-24H ( )		7000	7.5	30	24	10 - 27	0.08	0.18			
		5500	5.3	24	24		0.05	0.14			
		4500	4.5	20	24		0.04	0.12			


( ) B = Ball Bearing ( ) S = Sleeve Bearing



# DC Cooling Fans

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Size A x B Inches (mm)	Model Number	Speed (RPM)	Max. CFM	Noise (dB)	Volts (VDC)	Voltage Range	Current (Amp)	Max. Static Pressure	
2.36" x 1" (60 x 25) Mounting Centers 1.97" (50mm)	OD6025-05H ( )	2800	20	26	5	4 - 7	0.24	0.17	
	05M ( )	2200	15	21	5		0.17	0.14	
	05L ( )	1800	12	18	5		0.12	0.10	
	OD6025-12H ( )	3800	25	30	12	7 - 17	0.15	0.23	
	12M ( )	3000	17	25	12		0.12	0.16	
	12L ( )	2500	14	20	12		0.08	0.14	
	OD6025-24H ( )	3800	25	30	24	12 - 28	0.12	0.23	
	24M ( )	3000	17	25	24		0.09	0.16	
	24L ( )	2500	14	20	24		0.06	0.14	
	3.15" x 1" (80 x 25) Mounting Centers 2.82" (71.5mm)	OD8025-05H ( )	2800	35	32	5	4 - 7	0.28	
05M ( )		2200	30	27	5	0.20		0.15	
05L ( )		1800	22	21	5	0.15		0.10	
OD8025-12H ( )		3300	40	33	12	7 - 17	0.18	0.23	
12M ( )		2800	32	28	12		0.15	0.16	
12L ( )		2000	22	21	12		0.12	0.10	
OD8025-24H ( )		3300	40	33	24	12 - 28	0.12	0.23	
24M ( )		2800	32	27	24		0.10	0.16	
24L ( )		2000	22	21	24		0.08	0.10	
3.62" x 1" (92 x 25) Mounting Centers 3.25" (82.5mm)		OD9225-05H ( )	2300	35	33	5	4 - 7	0.32	0.22
	05M ( )	2100	32	30	5	0.25		0.17	
	05L ( )	1600	25	23	5	0.18		0.12	
	OD9225-12H ( )	2800	50	33	12	7 - 17	0.29	0.24	
	12M ( )	2400	35	30	12		0.20	0.18	
	12L ( )	1800	25	23	12		0.12	0.12	
	OD9225-24H ( )	3000	50	33	24	12 - 28	0.18	0.24	
	24M ( )	2500	35	30	24		0.12	0.18	
	24L ( )	1800	25	23	24		0.10	0.12	
	4.72" x 1" (120 x 25) Mounting Centers 4.13" (105mm)	OD1225-05H [ ] ( )	2900	86	42	5	4 - 7	0.50	0.24
05M [ ] ( )		2400	70	35	5	0.38		0.19	
05L [ ] ( )		1700	45	25	5	0.25		0.15	
OD1225-12H [ ] ( )		3000	86	42	12	7 - 14	0.45	0.24	
12M [ ] ( )		2500	70	35	12		0.35	0.19	
12L [ ] ( )		1800	45	25	12		0.20	0.15	
OD1225-24H [ ] ( )		3000	86	42	24	10 - 29	0.23	0.24	
24M [ ] ( )		2500	70	35	24		0.23	0.19	
24L [ ] ( )		1800	45	25	24		0.17	0.15	
OD1225-38H [ ] ( )		3000	86	42	38	15 - 45	0.12	0.24	
38 [ ] ( )		2400	70	35	38		0.10	0.19	
38L [ ] ( )		1700	45	25	38		0.08	0.15	
OD1225-48H [ ] ( )		3000	86	42	48	18 - 53	0.10	0.24	
48M [ ] ( )		2400	70	35	48		0.07	0.19	
48L [ ] ( )		1800	45	25	48		0.06	0.15	
4.72" x 1.5" (120 x 38) Mounting Centers 4.13" (105mm)  Aluminum Frame Available Replace "PT" With "AN"		OD1238PT-05H [ ] ( )	2800	108	43	5	4 - 7	0.58	0.28
	05M [ ] ( )	2500	88	33	5	0.45		0.23	
	05L [ ] ( )	2000	60	26	5	0.30		0.14	
	OD1238PT-12H [ ] ( )	3100	108	43	12	8 - 14	0.50	0.28	
	12M [ ] ( )	2500	88	33	12		0.40	0.23	
	12L [ ] ( )	2000	60	26	12		0.16	0.14	
	OD1238PT-24H [ ] ( )	3000	108	43	24	10 - 29	0.26	0.28	
	24M [ ] ( )	2500	88	33	24		0.19	0.23	
	24L [ ] ( )	2000	60	26	24		0.15	0.14	
	OD1238PT-38H [ ] ( )	3000	108	43	38	18 - 43	0.14	0.28	
	38M [ ] ( )	2500	88	33	38		0.10	0.23	
	38L [ ] ( )	2000	60	26	38		0.08	0.14	
	OD1238PT-48H [ ] ( )	3000	108	43	48	15 - 53	0.12	0.28	
	48M [ ] ( )	2500	88	33	48		0.08	0.23	
	48L [ ] ( )	2000	60	26	48		0.06	0.14	

( ) Indicate (B) Ball Bearing (S) Sleeve Bearing

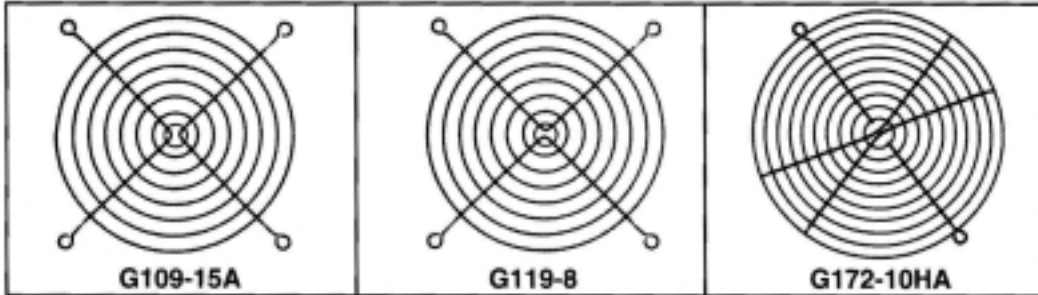
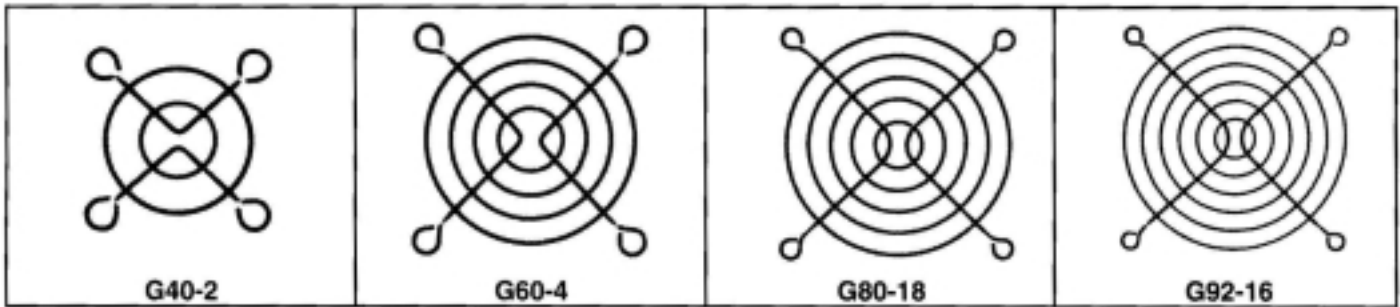
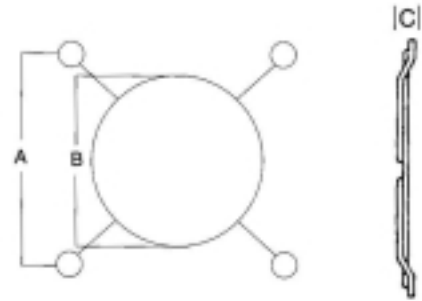
[ ] Indicate [T] Terminal or [W] Wire



# Metal Fan Guards

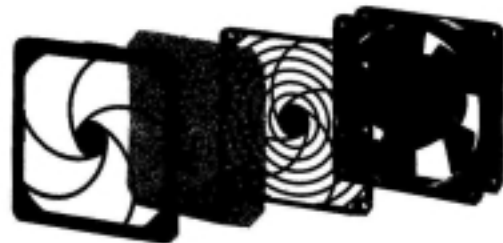
- \* Steel Wire
- \* Electroplated Nickel Chrome\*
- \* Welded Joints
- \* Withstands minimum 220 lbs separation force to meet UL, CSA standards

Fan Size	Part Number	Number of Rings	Dimensions Inches (mm)			Hole Diameter
			A	B	C	
1.57" 40 □ mm	G40-2	2	1.24" (31.5)	1.26" (32)	.16" (4)	.18" (4.6)
2.36" 60 □ mm	G60-4	4	1.97" (50)	2.09" (53)	.18" (4.6)	.18" (4.6)
3.15" 80 □ mm	G80-18	5	2.81" (71.5)	3.02" (76.2)	.22" (5.5)	.18" (4.6)
3.62" 92 □ mm	G92-16	6	3.25" (82.5)	3.52" (89.4)	.22" (5.5)	.18" (4.6)
4.72" 120 □ mm	G109-15A	6	4.13" (104.8)	4.55" (115.6)	.22" (5.5)	.18" (4.6)
5" 127 □ mm	G119-8	8	4.46" (113.3)	4.53" (115)	.22" (5.5)	.18" (4.6)
6.77" 172 □ mm	G172-10HA	9	6.38" (162)	6.14" (156)	.26" (6.5)	.20" (5)



## Plastic Fan Filter Kits

- \* Available in sizes from 40mm - 120mm \* Quick and easy installation
- \* Snap-on feature makes changing media easy \* Custom designs on request



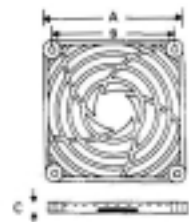
For Fan Sizes	Part No.	Description	Dimension (mm)		
			A	B	C
1 9/16" 40 □ mm	G40P	Guard	40.0	32	6.3
	R40P	Retainer	37.0		3.2
	M40-30, 45	Media 30 or 45 PPI	37.0		3.0
	GRM 40-30	Guard+Retainer+Media 30 PPI	40.0	32	6.3
	GRM 40-45	Guard+Retainer+Media 45 PPI	40.0	32	6.3
2 3/8" 60 □ mm	G60P	Guard	60.0	50	6.5
	R60P	Retainer	56.2		3.2
	M60-30, 45	Media 30 or 45 PPI	57.0		3.0
	GRM 60-30	Guard+Retainer+Media 30 PPI	60.0	50	6.5
	GRM 60-45	Guard+Retainer+Media 45 PPI	60.0	50	6.5
3 1/8" 80 □ mm	G80P	Guard	80.0	71.5	6.5
	R80P	Retainer	83.6		9.8
	M80-30, 45	Media 30 or 45 PPI	78.0		3.0
	GRM 80-30	Guard+Retainer+Media 30 PPI	83.6	71.5	9.8
	GRM 80-45	Guard+Retainer+Media 45 PPI	83.6	71.5	9.8
3 5/8" 92 □ mm	G92P	Guard	92.0	82.5	6.4
	R92P	Retainer	96.5		9.9
	M92-30, 45	Media 30 or 45 PPI	90.0		3.0
	GRM 92-30	Guard+Retainer+Media 30 PPI	96.5	82.5	9.9
	GRM 92-45	Guard+Retainer+Media 45 PPI	96.5	82.5	9.9
4 11/16" 120 □ mm	G120P	Guard	117.0	104.8	7.2
	R120P	Retainer	123.7		10.8
	M120-30, 45	Media 30 or 45 PPI	115.0		3.0
	GRM 120-30	Guard+Retainer+Media 30 PPI	123.7	104.8	10.8
	GRM 120-45	Guard+Retainer+Media 45 PPI	123.7	104.8	10.8



**RETAINER**  
 • Plastic UL 94V-0  
 • Easy to install, no need to remove fan or guard  
 • Designed for low air resistance  
 Part No. R40P, R60P, R80P, R92P, R120P



**MEDIA**  
 • PU foam 30 or 45 PPI  
 • Easy and simple to clean & change  
 • Reduces external fan noise  
 Part No. M40, M60, M80, M92, M120



**GUARD**  
 • Plastic UL 94V-0  
 • UL .25 spacing (63mm)  
 • Decreases noise level  
 Part No. G40P, G60P, G80P, G92P, G120P