















# Plastic Fan Guards - 09 Series

The 09 Series low cost plastic fan guards produced with UL 94-V0 material are designed for tubeaxial fans with design considerations given to maximize airflow with reduced noise levels. Space saving models **(Thin)** designed for 80 & 120 mm.

						
09150-G (40mm) 09250-G (60mm)	09252-G (80mm)	09080-G (80mm) <b>Thin</b>	09081-G (80mm)	09325-G (80mm)	09362-G (92mm)	09363-G (92mm)
						
09120-G (120mm)	09121-G (120mm)	09122-G (120mm) <b>Thin</b>	09123-G (120mm)	09450-G (120mm)	09650-G (150mm)	09651-G (150mm)

Part Number	For Use With Fan Size		Mounting Hole Centers		Mounting Hole Dia. 4 Places		Width		Thickness	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
09150-G	40	1 1/2	32.0	1.26	4.3	0.17	40	1.57	4.75	0.187
09250-G	60	2 1/2	50.0	1.97	4.6	0.18	60	2.36	6.30	0.250
09252-G	60	2 1/2	50.0	1.97	4.4	0.17	60	2.36	7.00	0.275
09080-G	80	3 1/8	71.4	2.81	4.1	0.16	80	3.15	3.00	0.118
09081-G	80	3 1/8	71.5	2.81	4.0	0.16	80	3.15	7.00	0.276
09325-G	80	3 1/8	71.4	2.81	3.8	0.15	80	3.15	6.60	0.260
09362-G	92	3 5/8	82.6	3.25	3.8	0.15	92	3.62	6.60	0.260
09363-G	92	3 5/8	82.5	3.25	4.4	0.17	92	3.62	7.00	0.276
09120-G	120	4 1/2	104.8	4.13	4.6	0.18	120	4.72	6.60	0.260
09121-G	120	4 1/2	104.8	4.13	4.6	0.18	120	4.72	6.60	0.260
09122-G	120	4 1/2	104.8	4.13	4.6	0.18	120	4.72	2.50	0.100
09123-G	120	4 1/2	105.0	4.13	4.4	0.17	120	4.72	7.00	0.276
09450-G	120	4 1/2	104.7	4.12	4.5	0.18	118	4.65	7.10	0.279
09650-G	150	6.00	162.0	6.38	5.0	0.20(2)	176	6.93	8.20	0.320
09651-G	150	6.00	162.0	6.38	5.0	0.20(2)	172	6.77	7.50	0.295

## Fan Silencer and Accessories

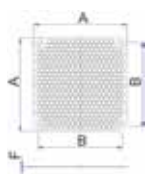
Noise is the number one problem for axial fans that are used for electronic cooling. It is generally caused by vibration between the housing and fan. To prevent this problem, we have developed a method that eliminates noise and makes mounting effortless. With the patented rubber elastic sleeves, you can fasten axial fans without screws quickly and safely with four mushroom formed pegs on a mounting plate or housing wall.

### QLM Fan Vibration Sleeve



Part Number	A		B		G		Panel Thickness	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm
QLM-40-20-10	1.693	43	1.574	40	.080	2.0	.030-.049	.75-1.25
QLM-60-30-10	2.520	64	2.362	60	.080	2.0	.030-.049	.75-1.25
QLM-80-40-10	3.307	84	3.150	80	.157	4.0	.030-.049	.75-1.25
QLM-92-40-10	3.819	97	3.622	92	.157	4.0	.030-.049	.75-1.25
QLM-119-40-10	4.921	125	4.685	119	.157	4.0	.030-.049	.75-1.25

### EMI Filter Shield for QLM Sleeves



Part Number	A		B		F	
	Inch	mm	Inch	mm	Inch	mm
QSB-40-01	1.654	42	1.260	32.0	.008	0.2
QSB-60-01	2.441	62	1.969	50.0	.008	0.2
QSB-80-01	3.228	82	2.815	71.5	.008	0.2
QSB-92-01	3.700	94	3.248	82.5	.008	0.2
QSB-119-01	4.764	121	4.133	105.0	.012	0.3

### Plastic Fan Guards for QLM Sleeves



Part Number	A		B		G	
	Inch	mm	Inch	mm	Inch	mm
QSG-40-02	1.811	46.0	1.279	32.5	.098	2.5
QSG-60-02	2.598	66.0	1.969	50.0	.098	2.5
QSG-80-02	3.503	89.0	2.815	71.5	.098	2.5
QSG-92-02	3.976	101.0	3.248	82.5	.098	2.5
QSG-119-02	5.039	128.0	4.133	105.0	.118	3.0

### Filter Media for QLM Sleeves



Part Number	A		B		D	
	Inch	mm	Inch	mm	Inch	mm
QF-40-01	1.575	40.0	1.26	32.0	.197	5.0
QF-60-01	2.362	60.0	1.969	50.0	.197	5.0
QF-80-01	3.150	80.0	2.815	71.5	.197	5.0
QF-92-01	3.622	92.0	3.248	82.5	.197	5.0
QF-119-01	4.685	119.0	4.133	105.0	.197	5.0

### Rivets



Part Number	
QLN-36-01-100	With the specially designed rivets, metal fan guard grills can be attached into the holes of the mushroom formed pegs from the fan sleeves.

## Fan Accessories Guide – AC Fans

Fan Series	Wire Form Fan Guard	Aluminum Fan Filters	Plastic Fan Guards	Plastic Fan Filter Assemblies	QLM Vibration Sleeve	Fan Cords
FAA1-08025	08132, 08172	06325-B, 06325-M, 06325-SS	09252-G, 09080-G, 09081-G, 09325-G	09325-F/**		07100, 07145, 07190, 07199
FAA1-08038	08132, 08172	06325-B, 06325-M, 06325-SS	09252-G, 09080-G, 09081-G, 09325-G	09325-F/**		07100, 07145, 07190, 07199
FAA1-09225	08134, 08174, 08189	06362-B, 06362-M, 06362-SS	09362-G, 09363-G	09362-F/**		07100, 07145, 07190, 07199
FAA1-12025	08129, 08130, 08141, 08170, 08213	06450-B, 06450-M, 06450-SS	09120-G, 09121-G, 09122-G, 09123-G, 09450-G	09450-F/**		07100, 07145, 07190, 07199
FAA1-12038-A	08129, 08130, 08141, 08170, 08213	06450-B, 06450-M, 06450-SS	09120-G, 09121-G, 09122-G, 09123-G, 09450-G	09450-F/**	QLM-119-40-10, QLM-119-40-20	07100, 07145, 07190, 07199
FKA1-17251	08125		09651-G			07100, 07145, 07190, 07199
FKA2-17251	08125		09651-G			07100, 07145, 07190, 07199
FKA2-17689	08190					07100, 07145, 07190, 07199
FKA2-18065	08717					07100, 07145, 07190, 07199
FKA2-20572						07100, 07145, 07190, 07199
FKA2-25489	08127, 08155, 08243-SS					07100, 07145, 07190, 07199
FKA2-28089	08719					07100, 07145, 07190, 07199
FKA2-28089-A	08719					07100, 07145, 07190, 07199
FDA2-17238	08125		09651-G			07100, 07145, 07190, 07199
FDA2-17238 IP56M	08125		09651-G			07100, 07145, 07190, 07199
FDA2-17251	08125		09651-G			07100, 07145, 07190, 07199
FDA2-17251 IP56M	08125		09651-G			07100, 07145, 07190, 07199
FDA2-R17251	08126		09650-G	09650-F/**		07100, 07145, 07190, 07199
FDA2-R17251 IP56M	08126		09650-G	09650-F/**		07100, 07145, 07190, 07199
FDA2-17255	08126		09650-G	09650-F/**		07100, 07145, 07190, 07199
FDA2-17255 IP56M	08126		09650-G	09650-F/**		07100, 07145, 07190, 07199
FDA2-22580	08718					
FDA2-22580 IP56M	08718					
FDA2-25489	08127, 08155, 08243-SS					07100, 07145, 07190, 07199
FDA2-25489 IP56M	08127, 08155, 08243-SS					07100, 07145, 07190, 07199
FDA2-28080	08719					
FDA2-28080 IP56M	08719					

## Fan Accessories Guide - DC Fans

Fan Series	Wire Form Fan Guard	Aluminum Fan Filters	Plastic Fan Guards	Plastic Fan Filter Assemblies	QLM Vibration Sleeve
FAD1-02510	08245				
FAD1-03010	08346				
FAD1-04010	08149		09150-G	09150-F/**	
FAD1-04020	08149		09150-G	09150-F/**	
FAD1-05010	08148				
FAD1-06020	08147	06250-B, 06250-M, 06250-SS	09250-G	09250-F/**	
FAD1-06025	08147	06250-B, 06250-M, 06250-SS	09250-G	09250-F/**	
FAD1-08015	08132, 08172	06325-B, 06325-M, 06325-SS	09252-G, 09080-G, 09081-G, 09325-G	09325-F/**	
FAD1-08015 IC	08132, 08172	06325-B, 06325-M, 06325-SS	09252-G, 09080-G, 09081-G, 09325-G	09325-F/**	
FAD1-08025	08132, 08172	06325-B, 06325-M, 06325-SS	09252-G, 09080-G, 09081-G, 09325-G	09325-F/**	QLM-80-40-10, QLM-80-40-20
FAD1-08025 IC	08132, 08172	06325-B, 06325-M, 06325-SS	09252-G, 09080-G, 09081-G, 09325-G	09325-F/**	QLM-80-40-10, QLM-80-40-20
FAD1-08032	08132, 08172	06325-B, 06325-M, 06325-SS	09252-G, 09080-G, 09081-G, 09325-G	09325-F/**	QLM-80-40-10, QLM-80-40-20
FAD1-08038	08132, 08172	06325-B, 06325-M, 06325-SS	09252-G, 09080-G, 09081-G, 09325-G	09325-F/**	QLM-80-40-10, QLM-80-40-20
FAD1-09225	08134, 08174, 08189	06362-B, 06362-M, 06362-SS	09362-G, 09363-G	09362-F/**	QLM-92-40-10, QLM-92-40-20
FAD1-09225 IC	08134, 08174, 08189	06362-B, 06362-M, 06362-SS	09362-G, 09363-G	09362-F/**	QLM-92-40-10, QLM-92-40-20
FAD1-12025	08129, 08130, 08141, 08170, 08213	06450-B, 06450-M, 06450-SS	09120-G, 09121-G, 09122-G, 09123-G, 09450-G	09450-F/**	QLM-119-50-10, QLM-119-50-20
FAD1-12032	08129, 08130, 08141, 08170, 08213	06450-B, 06450-M, 06450-SS	09120-G, 09121-G, 09122-G, 09123-G, 09450-G	09450-F/**	QLM-119-50-10, QLM-119-50-20
FAD1-12038	08129, 08130, 08141, 08170, 08213	06450-B, 06450-M, 06450-SS	09120-G, 09121-G, 09122-G, 09123-G, 09450-G	09450-F/**	QLM-119-40-10, QLM-119-40-20
FAD1-12738	08135				
FDD1-17238	08125		09651-G		
FDD1-17251	08125		09651-G		
FDD1-17251 IP56M	08125		09651-G		