

736-016 to 065

(includes 736-030)

09 SERIES

GENERAL DESCRIPTION

Fan-S offers a unique fan filter assembly consisting of a guard, foam filter media, and media retainer. The guard and retainer are manufactured from UL listed 94-V0 material. These filter assemblies are designed for tubular fans for the removal of dust and contaminating particles. Installation for the two types are as follows:

40 mm and 60 mm Filter Assemblies

The foam media is placed within the guard and the retainer is snapped into place to secure the media. This assembly has countersunk holes on both sides of the guard and can be mounted with retainer placed rigid to fan housing or on the outside for convenience of replacing or cleaning the media.

80 mm, 92 mm, and 120 mm Filter Assemblies

These filter assemblies have the guard portion mounted then the media is held in place by a snap-on retainer. When the filter media requires maintenance, simply remove the retainer and replace or clean the filter media.

COMPONENTS

RETAINER

- UL listed 94-V0 material
- Snap-on construction
- Designed for minimal air restriction

MEDIA

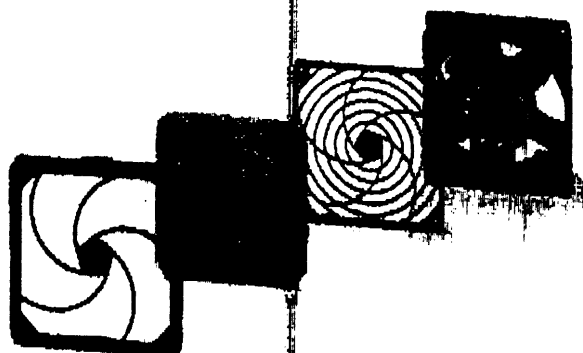
- poly vinylchloride foam material is constructed to allow free passage of air with minimum air resistance and pressure drop
- has a high surface-area contact for impingement of dust particles
- 30PPI, 45PPI, 60PPI and 100PPI material gives a wide range of particle filtration; other media materials available upon request. (PPI denotes pores per inch)
- helps reduce external fan noise
- easily cleaned by vacuuming or washing with most soaps, detergents or cleaning solvents

GUARD

- UL LISTED 94-V0 MATERIAL
- 1/4" max. ring spacing
- decreased noise level due to design
- countersunk mounting holes
- withstands high impact

FAN

- Customer supplied



SPECIFICATIONS

Mfr.'s Type	Description	Size (Inches)				Use with Fan Size	
		H	W	T	M/C	mm	Inches
09150-F/30	Guard, Retainer, Media - (30 PPI)**	1.57	1.57	.18	1.28	40	1 1/2
09150-F/45	Guard, Retainer, Media - (45 PPI)**	1.57	1.57	.19	1.28	40	1 1/2
09150-M/30*	Foam Media - (30 PPI)**	1.29	1.29	.09	--	40	1 1/2
09150-M/45*	Foam Media - (45 PPI)**	1.29	1.29	.09	--	40	1 1/2
09150-G***	Guard Only	1.57	1.57	.19	1.28	40	1 1/2
09150-R	Retainer Only	1.57	1.57	.19	--	40	1 1/2
09250-F/30	Guard, Retainer, Media - (30 PPI)**	2.4	2.4	.25	1.97	60	2 1/2
09250-F/45	Guard, Retainer, Media - (45 PPI)**	2.4	2.4	.25	1.97	60	2 1/2
09250-M/30*	Foam Media - (30 PPI)**	2.2	2.2	.11	--	60	2 1/2
09250-M/45*	Foam Media - (45 PPI)**	2.2	2.2	.11	--	60	2 1/2
09250-G***	Guard Only	2.4	2.4	.25	1.97	60	2 1/2
09250-R	Retainer Only	2.4	2.2	.11	--	60	2 1/2
09325-F/30	Guard, Retainer, Media - (30 PPI)**	3.29	3.29	.39	2.81	80	3 1/8
09325-F/45	Guard, Retainer, Media - (45 PPI)**	3.29	3.29	.39	2.81	80	3 1/8
09325-M/30*	Foam Media - (30 PPI)**	3.06	3.06	.15	--	80	3 1/8
09325-M/45*	Foam Media - (45 PPI)**	3.06	3.06	.15	--	80	3 1/8
09325-G***	Guard Only	3.15	3.15	.25	2.81	80	3 1/8
09325-R	Retainer Only	3.29	3.29	.39	--	80	3 1/8
09362-F/30	Guard, Retainer, Media - (30 PPI)**	3.80	3.80	.39	3.25	92	3 5/8
09362-F/45	Guard, Retainer, Media - (45 PPI)**	3.80	3.80	.39	3.25	92	3 5/8
09362-M/30*	Foam Media - (30 PPI)**	3.54	3.54	.13	--	92	3 5/8
09362-M/45*	Foam Media - (45 PPI)**	3.54	3.54	.13	--	92	3 5/8
09362-G***	Guard Only	3.62	3.62	.25	3.25	92	3 5/8
09362-R	Retainer Only	3.80	3.80	.39	--	92	3 5/8
09450-F/30	Guard, Retainer, Media - (30 PPI)**	4.87	4.87	.42	4.13	120	4 1/2
09450-F/45	Guard, Retainer, Media - (45 PPI)**	4.87	4.87	.42	4.13	120	4 1/2
09450-M/30*	Media Only - (30 PPI)**	4.55	4.55	.13	--	120	4 1/2
09450-M/45*	Media Only - (45 PPI)**	4.55	4.55	.13	--	120	4 1/2
09450-G***	Guard Only	4.65	4.65	.28	4.13	120	4 1/2
09450-R	Retainer Only	4.87	4.87	.42	--	120	4 1/2

* Each package contains 5 pieces ** Pores Per Inch (PPI)

***See Page 16 for Guard Dimensions

H = Height

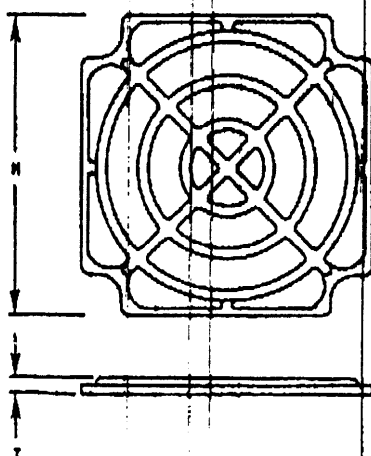
W = Width

T = Thickness

M/C = Mounting Centers

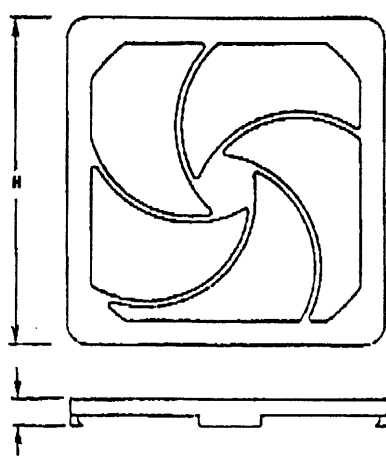
RETAINER

40mm - 60mm

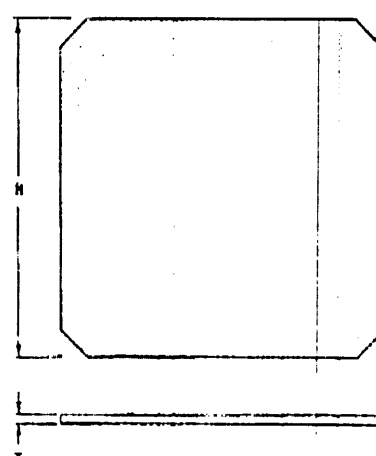


RETAINER

80mm - 92mm - 120mm



MEDIA



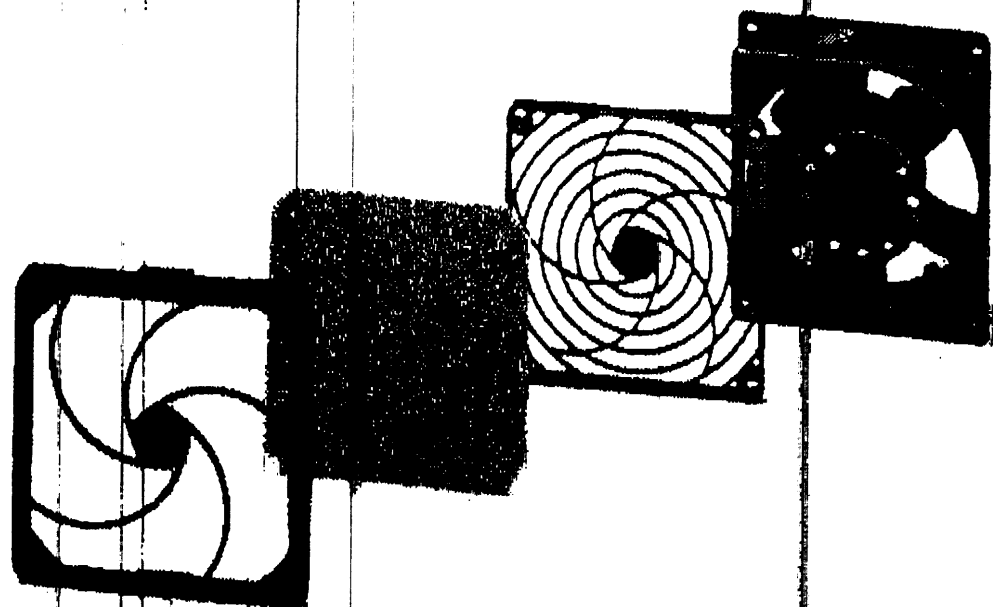
FAN-S ... fan accessories designed with quality and safety in mind

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SPECIFICATIONS

Mfr.'s Type	Description	Size (Inches)				Use with Fan Size	
		H	W	T	M/C	mm	Inches
09150-F/30	Guard, Retainer, Media - (30 PPI)**	1.57	1.57	.19	1.26	40	1 1/2
09150-F/45	Guard, Retainer, Media - (45 PPI)**	1.57	1.57	.19	1.26	40	1 1/2
09150-M/30*	Foam Media - (30 PPI)**	1.29	1.29	.09	--	40	1 1/2
09150-M/45*	Foam Media - (45 PPI)**	1.29	1.29	.09	--	40	1 1/2
09150-G***	Guard Only	1.57	1.57	.19	1.26	40	1 1/2
09150-R	Retainer Only	1.57	1.57	.19	--	40	1 1/2
09250-F/30	Guard, Retainer, Media - (30 PPI)**	2.4	2.4	.25	1.97	60	2 1/2
09250-F/45	Guard, Retainer, Media - (45 PPI)**	2.4	2.4	.25	1.97	60	2 1/2
09250-M/30*	Foam Media - (30 PPI)**	2.2	2.2	.11	--	60	2 1/2
09250-M/45*	Foam Media - (45 PPI)**	2.2	2.2	.11	--	60	2 1/2
09250-G***	Guard Only	2.4	2.4	.25	1.97	60	2 1/2
09250-R	Retainer Only	2.4	2.2	.11	--	60	2 1/2
09325-F/30	Guard, Retainer, Media - (30 PPI)**	3.29	3.29	.39	2.81	80	3 1/8
09325-F/45	Guard, Retainer, Media - (45 PPI)**	3.29	3.29	.39	2.81	80	3 1/8
09325-M/30*	Foam Media - (30 PPI)**	3.06	3.06	.15	--	80	3 1/8
09325-M/45*	Foam Media - (45 PPI)**	3.06	3.06	.15	--	80	3 1/8
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09362-F/30	Guard, Retainer, Media - (30 PPI)**	3.80	3.80	.39	3.25	92	3 5/8
09362-F/45	Guard, Retainer, Media - (45 PPI)**	3.80	3.80	.39	3.25	92	3 5/8
09362-M/30*	Foam Media - (30 PPI)**	3.54	3.54	.13	--	92	3 5/8
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09450-M/30*	Media Only - (30 PPI)**	4.55	4.55	.13	--	120	4 1/2
09450-M/45*	Media Only - (45 PPI)**	4.55	4.55	.13	--	120	4 1/2
09450-G***	Guard Only	4.65	4.65	.28	4.13	120	4 1/2
09450-R	Retainer Only	4.87	4.87	.42	--	120	4 1/2

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*** See Page 16 for Guard Dimensions

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GENERAL DESCRIPTION

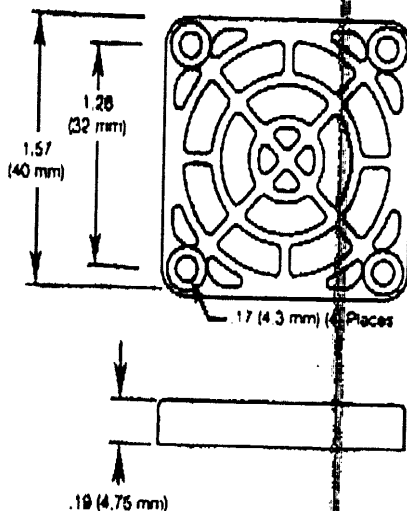
The 09 series of plastic fan guards represents a program which was originated with a primary goal of developing a family of products that would offer customers maximum airflow while maintaining compliance to safety regulations. The consideration given to maximizing airflow in these designs mandated that the strut and ring locations be of a cross sectional area and configuration to be compatible with the majority of tubedial products offered for sale in today's market. The individual spacing of the fan guard surface from the fan blade was optimized so that acoustic interference was kept at a minimum while presenting the most compact overall thickness.

MATERIAL: UL Listed 94-V0

PLASTIC FAN GUARDS

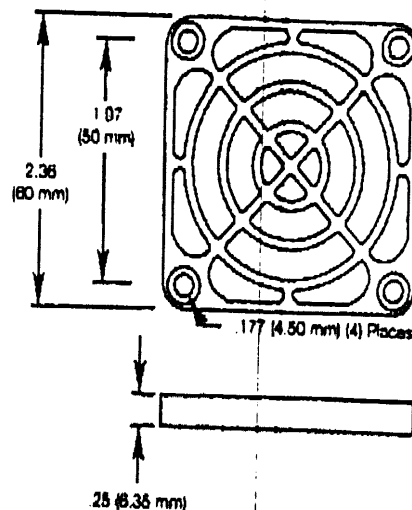
09150-G

40mm - 1 1/2"



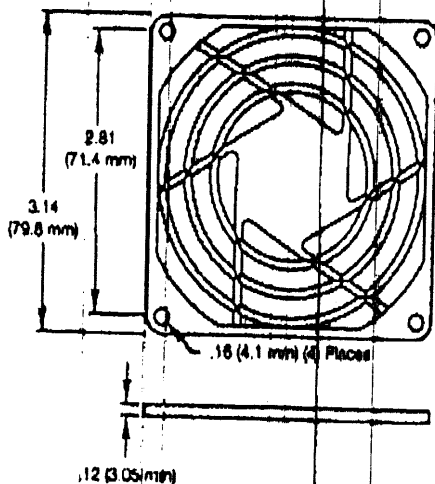
09250-G

60mm - 2 1/2"



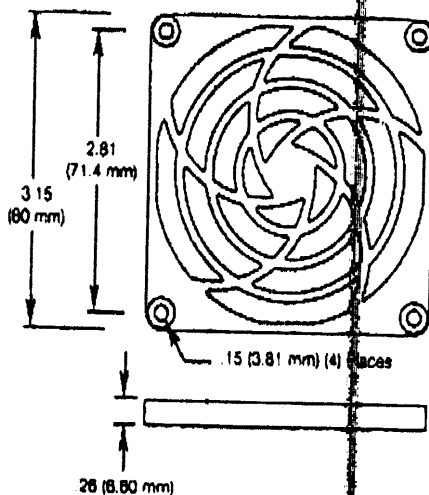
09080-G

80mm - 3 1/8"



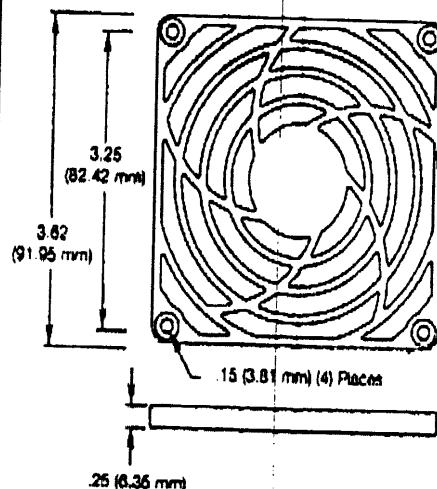
09325-G

80mm - 3 1/8"



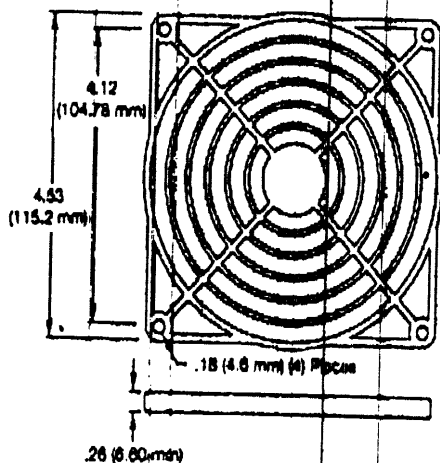
09362-G

92mm - 3 5/8"



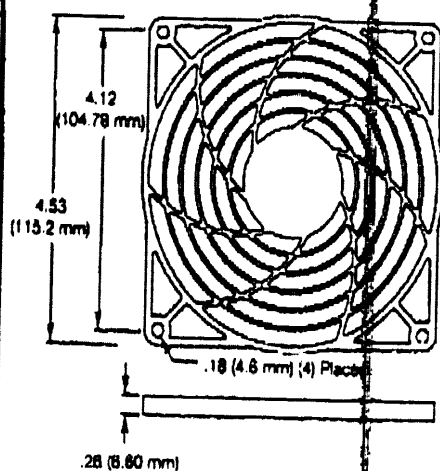
09120-G

120mm - 4 1/2"



09121-G

120mm - 4 1/2"



09450-G

120mm - 4 1/2"

