

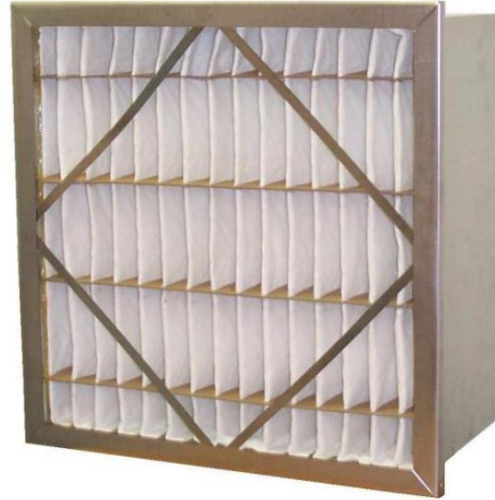


Rigid-Pak

Extended Surface Air Filter

RIGID CELL TYPE AIR FILTER

The Rigid-Pak extended surface air filter has been engineered to provide medium to high efficiency filtration in built-up filter banks and side access housings. Due to its completely rigid design, the Rigid-Pak eliminates the need for retainers and special external wire media supports in variable air volume applications. The Rigid-Pak is designed to operate at a face velocity of 500 fpm and to a final resistance of 1.2" W.C.



Construction Features

■ **Filter Media**

The Rigid-Pak utilizes a high density filter media composed of melt-blown synthetic fibers laminated to a high strength reinforced nylon backing. The Rigid-Pak is available MERV ratings of 12, 13, and 15, effectively covering all applications in the medium to high efficiency filtering ranges. The media backing is continuously bonded to a galvanized expanded metal backing with 95% open face area.

■ **Pleated Configuration and Support**

To achieve a maximum dirt holding capacity while minimizing pressure loss and replacement frequencies, the Rigid-Pak incorporates aerodynamically optimum wedge shaped pleats in its design. Stabilized pleat configuration and filter media reinforcing is accomplished through the use of die cut pleat spacers. The result is a rigid, stable filter with consistent performance under a variety of operating conditions.

Filter Closure Frame

The pleated filter pack of the Rigid-Pak is surrounded in an enclosure frame constructed of high strength corrosion resistant galvanized steel. The filter pack is sealed to the galvanized frame on all four sides to prevent any possibility of air bypass. To maintain filter squareness and protection of the filter media, galvanized braces are fastened to the air entering and exiting sides of the enclosure.



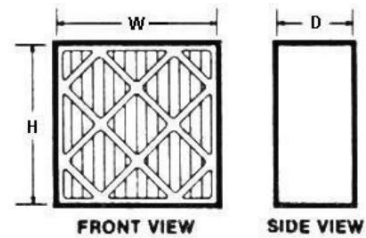
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Dimensional Data

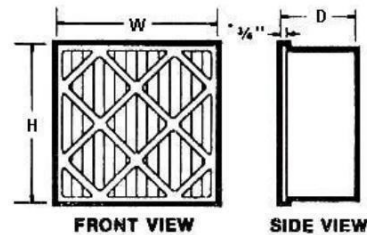
Dimensional Information - Standard – No Header

Size	W	H	D
12"X24" (300X600mm)	11 3/8" (289.05)	23 3/8" (593.85)	5 7/8" OR 11 1/2" (149.32) OR (292.10)
20"X24" (500X600mm)	19 3/8" (492.25)	23 3/8" (593.85)	5 7/8" OR 11 1/2" (149.32) OR (292.10)
24"X24" (600X600mm)	23 3/8" (593.85)	23 3/8" (593.85)	5 7/8" OR 11 1/2" (149.32) OR (292.10)



Dimensional Information - SA – Single Header

Size	W	H	D
12"X24" (300X600mm)	11 3/8" (289.05)	23 3/8" (593.85)	5 7/8" OR 11 1/2" (149.32) OR (292.10)
20"X24" (500X600mm)	19 3/8" (492.25)	23 3/8" (593.85)	5 7/8" OR 11 1/2" (149.32) OR (292.10)
24"X24" (600X600mm)	23 3/8" (593.85)	23 3/8" (593.85)	5 7/8" OR 11 1/2" (149.32) OR (292.10)



NOTE: Media pack on SA models measure 21^{3/8}" x 21^{3/8}"

RIGID PAK		STANDARD MODELS				
MODEL	NOMINAL SIZE W x H x D	CFM CAPACITY	RESISTANCE INCHES W.G.	RESISTANCE Pa.	MEDIA AREA Sq. Ft.	MERV RATING
RP 95	24x24x12	2000	0.51	128	58	15
RP 95	20x24x12	1667	0.51	128	48	15
RP 95	12x24x12	1000	0.51	128	29	15
RP 95	24x24x6	1000	0.38	95	29	15
RP 95	20x24x6	850	0.38	95	24	15
RP 95	12x24x6	500	0.38	95	15	15
RP 85	24x24x12	2000	0.31	78	58	13
RP 85	20x24x12	1667	0.31	78	48	13
RP 85	12x24x12	1000	0.31	78	29	13
RP 85	24x24x6	1000	0.23	58	29	13
RP 85	20x24x6	850	0.23	58	24	13
RP 85	12x24x6	500	0.23	58	15	13
RP 65	24x24x12	2000	0.17	43	58	12
RP 65	20x24x12	1667	0.17	43	48	12
RP 65	12x24x12	1000	0.17	43	29	12
RP 65	24x24x6	1000	0.15	38	29	12
RP 65	20x24x6	850	0.15	38	24	12
RP 65	12x24x6	500	0.15	38	15	12