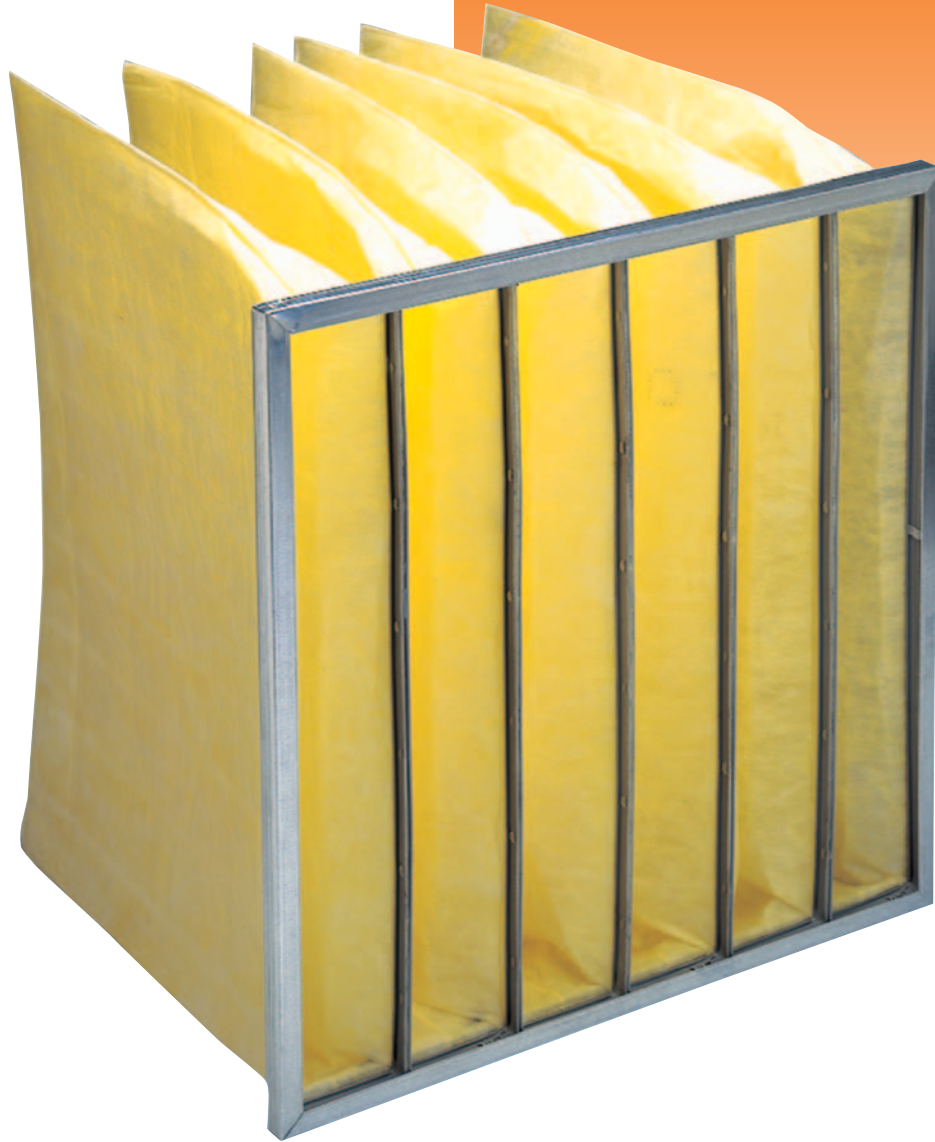




SERVA-PAK™

Extended Surface, High-Capacity Bag Filter



Unique Stitch Configuration For Superior Air Flow And Uniform Media Separation:

- **High Density Glass Microfibers**
- **Classified per UL Standard 900**
- **Up To MERV 14 Performance**
- **Corrosion-Resistant Galvanized Header**
- **Rigid Internal Support**

SERVA-PAK™

Extended Surface, High Capacity Bag Filter

Purolator's SERVA-PAK is an extended surface, high capacity air filter composed of individual dust holding pockets assembled in a metal support frame. A special multi-row stitching process performed on layers of ultra-fine glass bonded to a non-woven backing produces uniform spacing between each pocket, and provides optimum media performance while extending filter life.

Each pocket is bonded and sealed to its own J-channel support frame, which is mechanically fastened to a heavy duty, corrosion-resistant, galvanized enclosure frame. This design creates a rigid, air tight construction with a minimum of 85% open face area.

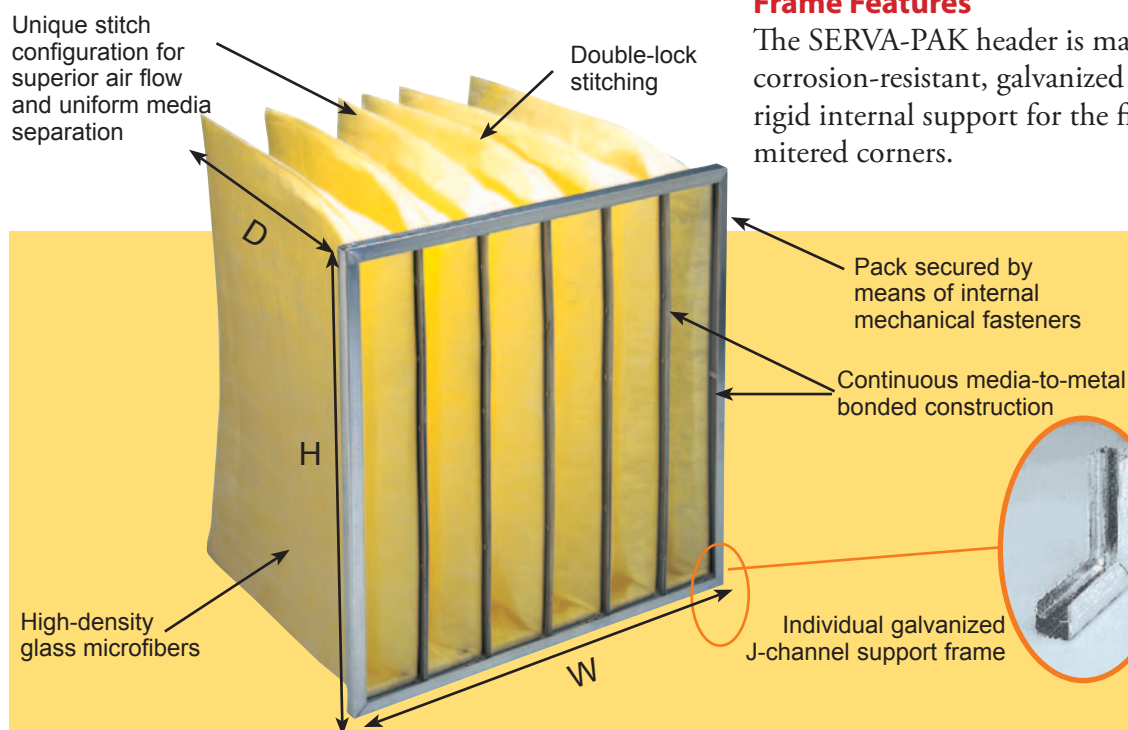
The SERVA-PAK is available in a variety of filter efficiencies, face sizes, depth and capacity combinations to accommodate most system requirements: limited fan static, high concentration of contaminants, limited filter bank face area, etc. Appropriate product selection will maximize performance. (Refer to the performance data section for full listing of sizes and efficiency data.)

Fire-Resistant Construction

All SERVA-PAK filters are classified by Underwriters Laboratories, Inc. Testing is performed in accordance with UL Standard 900 for flammability.

Unique stitch configuration for superior air flow and uniform media separation

Double-lock stitching



Header Frame Construction

The corrosion-resistant, galvanized header frame is designed with interlocking mitered corners to create rigid internal support. To maximize SERVA-PAK performance the header is constructed to prevent air leakage by eliminating metal-to-metal contact points between individual components. During assembly, each fiberglass-to-metal contact point is glued to prevent air bypass between mechanically fastened pockets. A unique process of fastening adjacent J-channel frames prevents media damage during assembly and shipment.

Standard Sizes

The SERVA-PAK filter is offered in twelve standard filter face sizes, making it adaptable to a variety of frame and track systems.

Multiple Capacities and Depths

The variety of SERVA-PAK filter sizes and efficiency options allows you to match the proper filter with virtually any application. With many depth and capacity combinations to choose from, most system conditions, including limited fan static, high concentration of contaminants, and limited filter bank face area, can be accommodated.

Frame Features

The SERVA-PAK header is manufactured from corrosion-resistant, galvanized metal. The frame features rigid internal support for the filter, and interlocking mitered corners.



Frame Features

- Corrosion-resistant, galvanized header
- Rigid internal support
- Interlocking mitered corners

Product Specifications

Air filters shall be replaceable, factory assembled filters consisting of multiple dust holding pockets assembled in a corrosion-resistant galvanized steel frame.

Filter media shall be of high density ultra-fine glass microfiber formed into a .25” thick filter blanket and reinforced by an integral scrim backing. The filter shall have a MERV of ___ when tested in accordance with ASHRAE standard 52.2-2012.

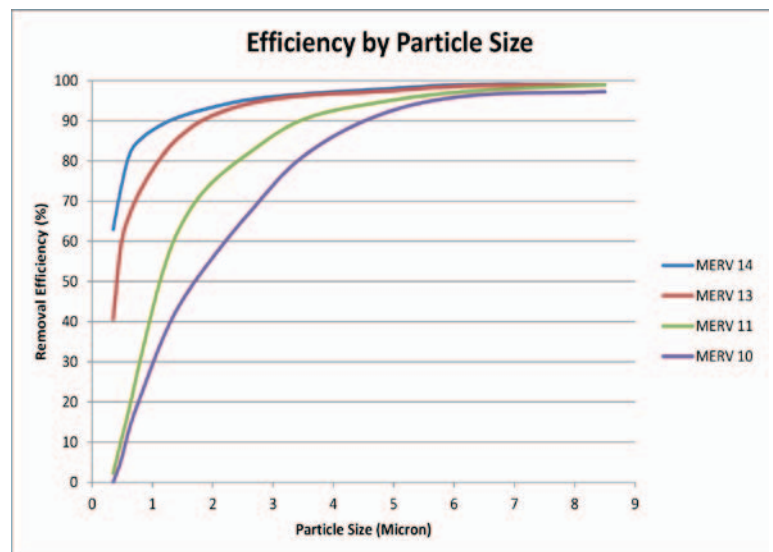
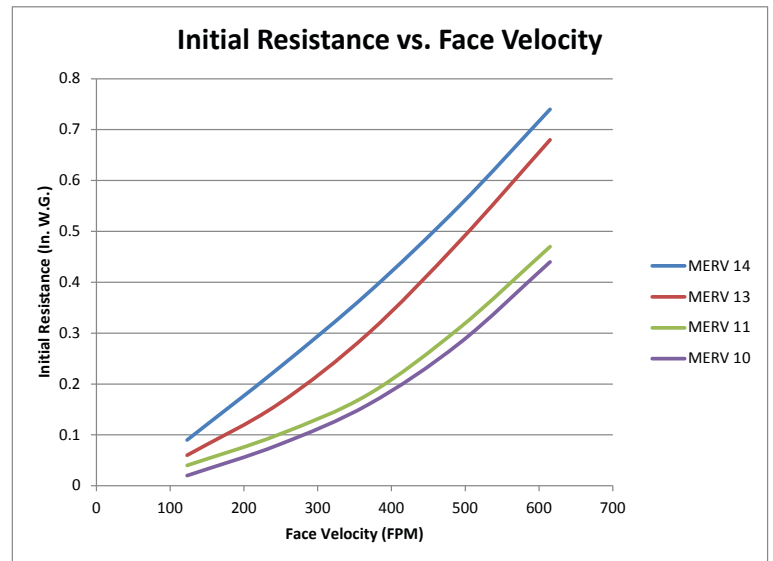
A multi-row stitching process shall produce individual self-supporting dust holding pockets to achieve uniform media spacing thereby extending filter life and optimizing performance. The multiple rows of stitching shall be sealed with a hot-melt adhesive. Dust holding pockets shall be bonded to their own metal support frame and assembled into a heavy gauge galvanized steel enclosure frame. Side-by-side pockets shall be mechanically fastened to the adjacent frames using a non-piercing clinch. The open area of the filter shall be greater than 85% of the total face area.

The filter shall be classified by Underwriters Laboratories, Inc. for flammability. Each filter shall have a rating of

_____ CFM at an initial resistance not to exceed

_____ inches w.g. Each filter shall have no less than

_____ sq. ft. of media area.



Media Efficiency

Series Rating	Media Color	MERV
SP50	Tan	10
SP65	Orange	11
SP85	Red	13
SP95	Yellow	14

SERVA-PAK™

Extended Surface, High-Capacity Bag Filter

Nominal Size	# of Pockets	Media Area	Rated Face Velocity (FPM)	Rated Air Flow (CFM)	Initial Resistance (In. W.G.)			
					SP95 MERV 14	SP85 MERV 13	SP65 MERV 11	SP50 MERV 10
24x24x36	10	129	500	2000	0.61	0.55	0.36	-
24x24x36	8	105	500	2000	0.51	0.46	0.28	-
24x24x36	6	82	500	2000	0.60	0.53	0.33	-
24x24x30	10	107	500	2000	0.60	0.52	0.32	-
24x24x30	8	88	500	2000	0.55	0.48	0.31	0.28
24x24x30	6	68	500	2000	0.65	0.54	0.34	0.31
24x24x22	10	79	500	2000	0.66	0.58	0.36	-
24x24x22	8	64	500	2000	0.63	0.55	0.34	0.30
24x24x22	6	50	500	2000	0.66	0.59	0.36	0.32
24x12x22	4	32	500	1000	0.63	0.55	0.34	0.30
24x12x22	3	25	500	1000	0.66	0.59	0.36	0.32
24x24x18	10	64	500	2000	0.65	0.57	0.36	0.32
24x24x18	8	53	500	2000	0.63	0.54	0.32	0.29
24x24x18	6	41	375	1500	0.69	0.58	0.31	0.30
24x12x18	4	26	500	1000	0.63	0.54	0.32	0.29
24x12x18	3	20	375	750	0.69	0.58	0.31	0.30
24x24x15	10	54	375	1500	0.55	0.44	0.19	0.16
24x24x15	8	44	375	1500	0.53	0.42	0.18	0.15
24x24x15	6	34	375	1500	0.55	0.44	0.19	0.16
24x12x15	4	22	375	750	0.53	0.42	0.18	0.15
24x12x15	3	17	375	750	0.55	0.44	0.19	0.16
24x24x12	10	43	375	1500	0.56	0.45	0.20	0.17
24x24x12	8	35	375	1500	0.55	0.44	0.19	0.16
24x24x12	6	27	375	1500	0.60	0.52	0.23	0.19

SERVA-Pak Standard Header Size Chart

Size Code	Nominal Size (H x W)	Catalog Size	Actual Size (H X W)	# of Pockets
A	24 X 24	Yes	23-3/8 X 23-3/8	06 - 12
B	24 X 12	Yes	23-3/8 X 11-3/8	03 - 05
C	12 X 24	Yes	11-3/8 X 23-3/8	05 - 12
D	24 X 20	Yes	23-3/8 X 19-3/8	05 - 09
E	20 X 24	No	19-3/8 X 23-3/8	05 - 12
F	20 X 20	Yes	19-3/8 X 19-3/8	04 - 09
G	20 X 16	No	19-3/8 X 15-3/8	03 - 07
H	16 X 20	No	15-3/8 X 19-3/8	04 - 09
J	25 X 16	No	24-3/8 X 15-3/8	06 - 07
K	16 X 25	No	15-3/8 X 24-3/8	05 - 12
L	25 X 20	No	24-3/8 X 19-3/8	07 - 09
M	20 X 25	No	19-3/8 X 24-3/8	05 - 12

Minimum Pocket Depth: 10"

Maximum Pocket Depth: 36"

Notes:

1. Performance data per ASHRAE Standard 52.2-2012, tested at 492 FPM face velocity on 24x24x30, 8 pocket filters.
2. Standard header face dimensions are 5/8" less than nominal size.
3. Standard header thickness is 13/16".
4. Optional C-Header (1-1/8" thickness) and E-Header (1" thickness) available for standard header sizes only.
5. Depth measures from the front of the header to the end of the pocket.
6. Recommended maximum final resistance: 1.5" W.G.
7. Filters classified per UL Standard 900 for Flammability.
8. Custom sizes available. Contact factory for availability and pricing.

P-SPAK-1116



Distributed by:

Air Cleaning Specialists, Inc.
826 Horan Drive
Fenton, MO 63026
866-455-2128

© 2016 CLARCOR Air Filtration Products
CLARCOR Air Filtration Products has a policy of continuous product research and development and reserves the right to change design and specifications without notice. Terms and Conditions of Sale can be accessed at www.clc.air.com.



www.purolatorairfilters.com