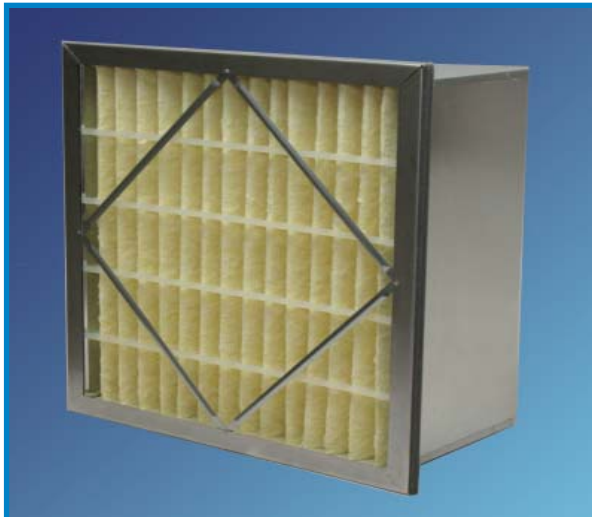


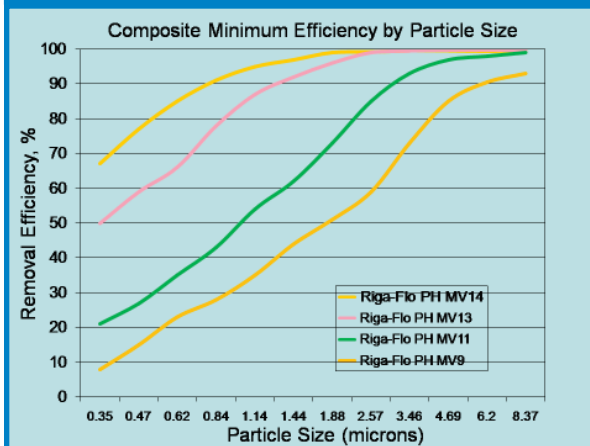


# Riga-Flo<sup>®</sup> PH

High-Lofted Supported Media Air Filter For Side-Access Applications



Full utilization of media area for longer life and performance that is not affected by varying system airflow.



Values are Minimum Efficiency Reporting Values (MERV) when evaluated per ASHRAE Standard 52.2.

The Camfil Farr Riga-Flo<sup>®</sup> PH provides high efficiency ASHRAE air filtration performance in a compact, supported media design. The materials of construction preclude contaminant amplification as all components are inert with respect to supporting the growth of captured bacteria or other viable contaminants. The Riga-Flo:

- Is available in four standard efficiencies — MERV 9, MERV 11, MERV 13 and MERV 14 per ASHRAE Standard 52.2. The Riga-Flo has a MERV-A value of 9, 11, 13 or 14 when tested using the conditioning step as specified in Appendix J of the same Standard.
- Includes high-lofted, depth-loading, microfine glass media for longer service life and uniform low resistance to airflow. Filtration efficiency is maintained throughout the life of the filter.
- Has unique media backing to maintain fiber blanket uniformity and preclude media migration. The backing is bonded to the media to support and maintain tapered radial pleats and prevent media oscillation during varying system airflows.
- Includes a continuous adhesive bond around the media pack to eliminate air bypass and ensure integrity to 10" w.g.
- Includes an enclosing frame with integral peripheral header for side-access or front-loading applications.
- Includes unique bridged plastic contour stabilizers on the air entering and air exiting sides to assure pleat support through turbulent or varying airflows.
- Includes all-metal diagonal support braces to assure filter rigidity and media pack protection.
- Has an ECI<sup>1</sup> value of four stars.

The Riga-Flo PH with its supported media is excellent for VAV systems or today's energy and disposal conscious HVAC applications.

<sup>1</sup> The Energy Cost Index (ECI) is a system that rates a filter's energy usage and its ability to maintain published efficiency over its lifetime. ECI is useful when comparing filters of similar construction and published efficiency. ECI ratings range from a high of 5 stars (low life cycle cost and high overall value) to a low of 1 star (high life cycle cost and low overall value). Details on ECI ratings for Camfil Farr and competitor's products are available from your Camfil Farr sales outlet and on the web at [www.camfilfarr.com](http://www.camfilfarr.com).



Camfil Farr	Product sheet
Riga-Flo <sup>®</sup> PH	1303PH - 0410
Camfil Farr - clean air solutions	

Filter Model & Efficiency <sup>1</sup>	Part Number (A style header, nominal 1" track)	Part Number (B style header, nominal 1½" track)	Nominal Size (inches) (H X W X D)	Header Dimensions & Box Depth (inches) (H X W X D)	Media Area (sq. ft.)	Airflow Capacity (cfm)	Initial Resistance (inches w.g.)
Riga-Flo MV 14 PH MERV 14 MERV- A 14	402995-003	402996-003	24 X 24 X 12	23.38 X 23.38 X 11.50	45.5	2000	0.70
	402995-006	402996-006	24 X 12 X 12	23.38 X 11.38 X 11.50	21.2	1000	
	402995-009	402996-009	24 X 20 X 12	23.38 X 19.38 X 11.50	36.4	1660	
	402995-012	402996-012	20 X 20 X 12	19.38 X 19.38 X 11.50	29.7	1400	
Riga-Flo MV 13 PH MERV 13 MERV- A 13	402995-002	402996-002	24 X 24 X 12	23.38 X 23.38 X 11.50	45.5	2000	0.60
	402995-005	402996-005	24 X 12 X 12	23.38 X 11.38 X 11.50	21.2	1000	
	402995-008	402996-008	24 X 20 X 12	23.38 X 19.38 X 11.50	36.4	1660	
	402995-011	402996-011	20 X 20 X 12	19.38 X 19.38 X 11.50	29.7	1400	
Riga-Flo MV 11 PH MERV 11 MERV- A 11	402995-001	402996-001	24 X 24 X 12	23.38 X 23.38 X 11.50	45.5	2000	0.45
	402995-004	402996-004	24 X 12 X 12	23.38 X 11.38 X 11.50	21.2	1000	
	402995-007	402996-007	24 X 20 X 12	23.38 X 19.38 X 11.50	36.4	1660	
	402995-010	402996-010	20 X 20 X 12	19.38 X 19.38 X 11.50	29.7	1400	

Riga-Flo MERV 9, as noted below, includes a wire backing on the media.							
Riga-Flo MV 9 PH MERV 9 MERV- A 9	096966-001	096967-001	24 X 24 X 12	23.38 X 23.38 X 11.50	45.5	2000	0.34
	096966-005	096967-005	24 X 12 X 12	23.38 X 11.38 X 11.50	21.2	1000	
	096966-009	096967-009	24 X 20 X 12	23.38 X 19.38 X 11.50	36.4	1660	
	096966-013	096967-013	20 X 20 X 12	19.38 X 19.38 X 11.50	29.7	1400	

DATA NOTES:  
 \*\* Recommended final resistance is 1.5" w.g. System design may dictate a lower change-out point.  
<sup>1</sup> Respective listed efficiencies are MERV per ASHRAE 52.2.  
 Most common header is style 'A', 0.81" actual. B style is 1.125" actual for old Cambridge housings.  
 Maximum continuous operating temperature is 200° F (93° C), intermittent 220° F (104° C).  
 For resistance versus airflow charts please contact Camfil Farr R&D at (973) 616-7300.



Options:  
 Available in full box style (Product Sheet 1303), see photo to right.

**Air Filters—1.0 General**

1.1 - Air filters shall be high-efficiency ASHRAE high lofted supported media disposable type assembled in a compact and secure enclosing frame.

1.2 - Sizes shall be as noted on drawings or other supporting materials.

**2.0 Construction**

2.1 - Filter media shall be of microfine glass laminated to a reinforced backing to form a uniform lofted media blanket.

2.2 - The media blanket shall be formed into uniform tapered radial pleats and bonded to a stiffened backing that is bonded to the downstream side of the media to preclude media oscillation. (MERV 9 models shall have a welded wire grid backing).

2.3 - The media shall be mechanically and chemically bonded within the frame to prevent air bypass.

2.4 - The enclosing frame shall be constructed of corrosion resistant galvanized steel. The media pleats shall be maintained by bridge style plastic contour stabilizers. There shall be a minimum of four contour stabilizers on the air entering side and four on the air exiting side. All-metal diagonal support members shall enhance filter pack rigidity and a durable filter enclosure.

2.5 - The filter shall include an integral header for installation in a standard (1", 1-1/2") nominal filter track.

**3.0 Performance**

3.1 - The filter shall have a Minimum Efficiency Reporting Value of MERV (9, 11, 13, 14)\* when evaluated under the guidelines of ASHRAE Standard 52.2. It shall also have a MERV-A rating of (9, 11, 13, 14) when evaluated under ASHRAE Standard 52.2-2007 Appendix J.

3.2 - Initial resistance to airflow shall not exceed (0.34", 0.45", 0.60", 0.70")\* w.g. at an airflow of 500 fpm.

3.3 - The filter shall be capable of withstanding 10" w.g. without failure of the media pack.

3.4 - Manufacturer shall provide evidence of facility certification to ISO 9001:2000.

3.5 - Filter shall be listed by Underwriters Laboratories as UL 900.

Supporting Data - Provide product test reports for each listed efficiency including all details as prescribed in ASHRAE Standard 52.2, including Appendix J.

Camfil Farr has a policy of uninterrupted research, development and product improvement. We reserve the right to change designs and specifications without notice.

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Star rating based upon MERV 13 size 24" by 24" by 12" deep filter.

