

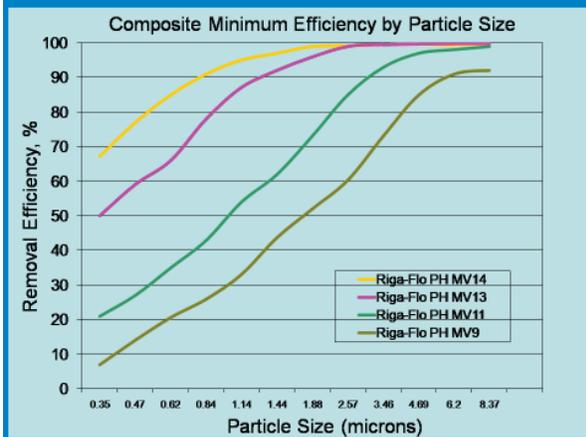


# riga-flo<sup>®</sup> ph

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



The Camfil Farr Riga-Flo PH offers high efficiency supported media performance for side-access housing applications.



Values are Minimum Efficiency Reporting Values (MERVs) 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 PH:

- Is available in four efficiencies; MERV 9, MERV 11, MERV 13 and MERV 14 when evaluated per ASHRAE Standard 52.2.
- Includes high-loomed, depth-loading, microfne glass media for longer service life and uniform low resistance to airflow. Filtration efficiency is maintained throughout the life of the filter.
- Has a laminated media backing to maintain fiber blanket uniformity and preclude media migration.
- Includes a stiffened media backing that 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 inside media pack to eliminate air bypass and ensure integrity to 10" w.g.
- Includes an enclosing frame of corrosion resistant galvanized steel.
- Includes all-metal 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. The braces are mechanically attached to the contour stabilizers to assist in maintaining a rigid and durable filter pack.
- Includes a 1" deep nominal size header for slide-in slide-out installation in side-access filter housings.
- Has an ECI<sup>1</sup> value of four stars.

The Riga-Flo PH's supported media is excellent for VAV systems or today's energy 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 - 0307
Camfil Farr - clean air solutions	

**PERFORMANCE DATA**

**RIGA-FLO® PH**

Filter Model & Efficiency <sup>1</sup>	Part Number	Nominal Filter Depth	Nominal Size (inches) (H X W)	Header Dimensions (inches) (H X W)	Airflow Capacity (cfm)	Initial Resistance (inches w.g.)	Media Area (sq. ft.)
Riga-Flo PH	096966-004	12"	24 X 24	23.38 X 23.38	2000	0.82	50
	096966-008		24 X 12	23.38 X 11.38	1000		22
MERV 14	096966-012		24 X 20	23.38 X 19.38	1660		40
	096966-016		20 X 20	19.38 X 19.38	1400		33
Riga-Flo PH	096966-003		24 X 24	23.38 X 23.38	2000	0.65	50
	096966-007		24 X 12	23.38 X 11.38	1000		22
MERV 13	096966-011		24 X 20	23.38 X 19.38	1660		40
	096966-015		20 X 20	19.38 X 19.38	1400		33
Riga-Flo PH	096966-002		24 X 24	23.38 X 23.38	2000	0.41	50
	096966-006		24 X 12	23.38 X 11.38	1000		22
MERV 11	096966-010		24 X 20	23.38 X 19.38	1660		40
	096966-014		20 X 20	19.38 X 19.38	1400		33
Riga-Flo PH	096966-001	24 X 24	23.38 X 23.38	2000	0.34	50	
	096966-005	24 X 12	23.38 X 11.38	1000		22	
MERV 9	096966-009	24 X 20	23.38 X 19.38	1660		40	
	096966-013	20 X 20	19.38 X 19.38	1400		33	

**DATA NOTES:**

\*\* Recommended final resistance is 1.5" w.g. System design may dictate a lower change-out point.  
 1 Respective listed efficiencies are MERV per ASHRAE 52.2.  
 Maximum continuous operating temperature is 300° F (148° C), intermittent 325° F (162° C).  
 UL Class One Riga-Flo filters are also available, please contact factory

**Options:**

Available in full box style (Product Sheet1303), see photo to right.  
 Available with a 1.12" header (Style B).



**SPECIFICATIONS**

**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 microfne glass laminated to a reinforcing 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.

**2.3** - The media shall be mechanically and chemically bonded to the inside periphery of the enclosing frame to prevent air bypass.

**2.4** - The enclosing frame shall be constructed of corrosion resistant galvanized steel. Media support contour stabilizers shall be mechanically fastened to diagonal support members of the same construction shall create a rigid and durable filter enclosure. There shall be a minimum of four contour stabilizers on the air entering side and four on the air exiting side.

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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**2.5** - The filter shall include an integral header for installation in a standard 1" 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.

**3.2** - Initial resistance to airflow shall not exceed (0.34, 0.41", 0.65", 0.82")\* 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 rated by Underwriters Laboratories as UL Class 2.

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

\* Items in parentheses ( ) require selection.



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

