

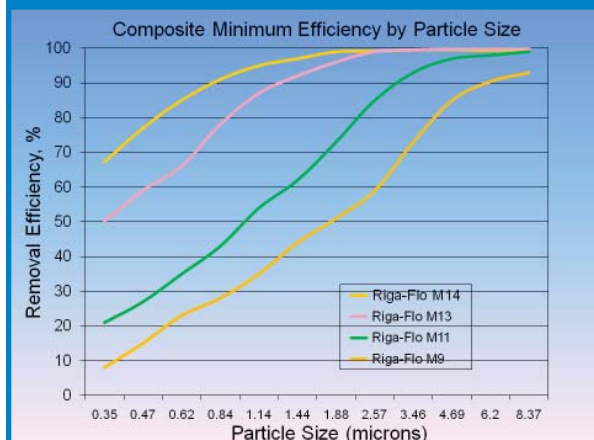


# Riga-Flo®

## High-Lofted Supported Media Box Style Air Filter



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® 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 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 a 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 of corrosion-resistant galvanized steel.
- Includes unique bridge style plastic contour stabilizers on the air entering and air exiting sides, to ensure 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's 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®                         | 1303 - 0310   |
| Camfil Farr - clean air solutions |               |

# PERFORMANCE DATA

RIGA-FLO®

| Filter Model & Efficiency <sup>1</sup> | Part Number | Nominal Size (inches) (H X W X D) | Actual Dimensions (inches) (H X W X D) | Airflow Capacity (cfm) | Media Area (sq. ft.) | Initial Resistance (inches w.g.) | Part Number | Nominal Size (inches) (H X W X D) | Actual Dimensions (inches) (H X W X D) | Airflow Capacity (cfm) | Media Area (sq. ft.) | Initial Resistance (inches w.g.) |
|--|-------------|-----------------------------------|--|------------------------|----------------------|----------------------------------|-------------|-----------------------------------|--|------------------------|----------------------|----------------------------------|
| Riga-Flo M14<br>MERV 14<br>MERV-A 14   | 402994-003  | 24 X 24 X 12                      | 23.38 X 23.38 X 11.50                  | 2000                   | 53.0                 | 0.53                             | 402993-003  | 24 X 24 X 6                       | 23.38 X 23.38 X 5.88                   | 1200                   | 26.8                 | 0.60                             |
|  | 402994-006  | 24 X 12 X 12                      | 23.38 X 11.38 X 11.50                  | 1000                   | 26.5                 |                                  | 402993-006  | 24 X 12 X 6                       | 23.38 X 11.38 X 5.88                   | 600                    | 13.4                 |                                  |
|  | 402994-009  | 24 X 20 X 12                      | 23.38 X 19.38 X 11.50                  | 1670                   | 43.1                 |                                  | 402993-009  | 24 X 20 X 6                       | 23.38 X 19.38 X 5.88                   | 995                    | 21.8                 |                                  |
|  | 402994-012  | 20 X 20 X 12                      | 19.38 X 19.38 X 11.50                  | 1400                   | 35.8                 |                                  | 402993-012  | 20 X 20 X 6                       | 19.38 X 19.38 X 5.88                   | 840                    | 18.1                 |                                  |
| Riga-Flo M13<br>MERV 13<br>MERV-A 13   | 402994-002  | 24 X 24 X 12                      | 23.38 X 23.38 X 11.50                  | 2000                   | 53.0                 | 0.41                             | 402993-002  | 24 X 24 X 6                       | 23.38 X 23.38 X 5.88                   | 1200                   | 26.8                 | 0.43                             |
|  | 402994-005  | 24 X 12 X 12                      | 23.38 X 11.38 X 11.50                  | 1000                   | 26.5                 |                                  | 402993-005  | 24 X 12 X 6                       | 23.38 X 11.38 X 5.88                   | 600                    | 13.4                 |                                  |
|  | 402994-008  | 24 X 20 X 12                      | 23.38 X 19.38 X 11.50                  | 1670                   | 43.1                 |                                  | 402993-008  | 24 X 20 X 6                       | 23.38 X 19.38 X 5.88                   | 995                    | 21.8                 |                                  |
|  | 402994-011  | 20 X 20 X 12                      | 19.38 X 19.38 X 11.50                  | 1400                   | 35.8                 |                                  | 402993-011  | 20 X 20 X 6                       | 19.38 X 19.38 X 5.88                   | 840                    | 18.1                 |                                  |
| Riga-Flo M11<br>MERV 11<br>MERV-A 11   | 402994-001  | 24 X 24 X 12                      | 23.38 X 23.38 X 11.50                  | 2000                   | 53.0                 | 0.31                             | 402993-001  | 24 X 24 X 6                       | 23.38 X 23.38 X 5.88                   | 1200                   | 26.8                 | 0.20                             |
|  | 402994-004  | 24 X 12 X 12                      | 23.38 X 11.38 X 11.50                  | 1000                   | 26.5                 |                                  | 402993-004  | 24 X 12 X 6                       | 23.38 X 11.38 X 5.88                   | 600                    | 13.4                 |                                  |
|  | 402994-007  | 24 X 20 X 12                      | 23.38 X 19.38 X 11.50                  | 1670                   | 43.1                 |                                  | 402993-007  | 24 X 20 X 6                       | 23.38 X 19.38 X 5.88                   | 995                    | 21.8                 |                                  |
|  | 402994-010  | 20 X 20 X 12                      | 19.38 X 19.38 X 11.50                  | 1400                   | 35.8                 |                                  | 402993-010  | 20 X 20 X 6                       | 19.38 X 19.38 X 5.88                   | 840                    | 18.1                 |                                  |

|  |            |              |                       |      |      |      |            |             |                      |      |      |                 |
|--|------------|--------------|-----------------------|------|------|------|------------|-------------|----------------------|------|------|-----------------|
| Riga-Flo MERV 9, as noted below, includes a wire backing on the media. |            |              |                       |      |      |      |            |             |                      |      |      |                 |
| Riga-Flo M9<br>MERV 9<br>MERV-A 9                                      | 096026-004 | 24 X 24 X 12 | 23.38 X 23.38 X 11.50 | 2000 | 53.0 | 0.36 | 097293-004 | 24 X 24 X 6 | 23.38 X 23.38 X 5.88 | 1200 | 26.8 | Contact factory |
|  | 096026-008 | 24 X 12 X 12 | 23.38 X 11.38 X 11.50 | 1000 | 26.5 |      | 097293-008 | 24 X 12 X 6 | 23.38 X 11.38 X 5.88 | 600  | 13.4 |                 |
|  | 096026-012 | 24 X 20 X 12 | 23.38 X 19.38 X 11.50 | 1670 | 43.1 |      | 097293-012 | 24 X 20 X 6 | 23.38 X 19.38 X 5.88 | 995  | 21.8 |                 |
|  | 096026-016 | 20 X 20 X 12 | 19.38 X 19.38 X 11.50 | 1400 | 35.8 |      | 097293-016 | 20 X 20 X 6 | 19.38 X 19.38 X 5.88 | 840  | 18.1 |                 |

## DATA NOTES:

MERV 9 models, 12" and 6" have a welded wire grid as media support backing.

\*\* 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 and MERV-A per Appendix J of that Standard.

Maximum continuous operating temperature is 200° F (93° C), intermittent 220° F (104° C).

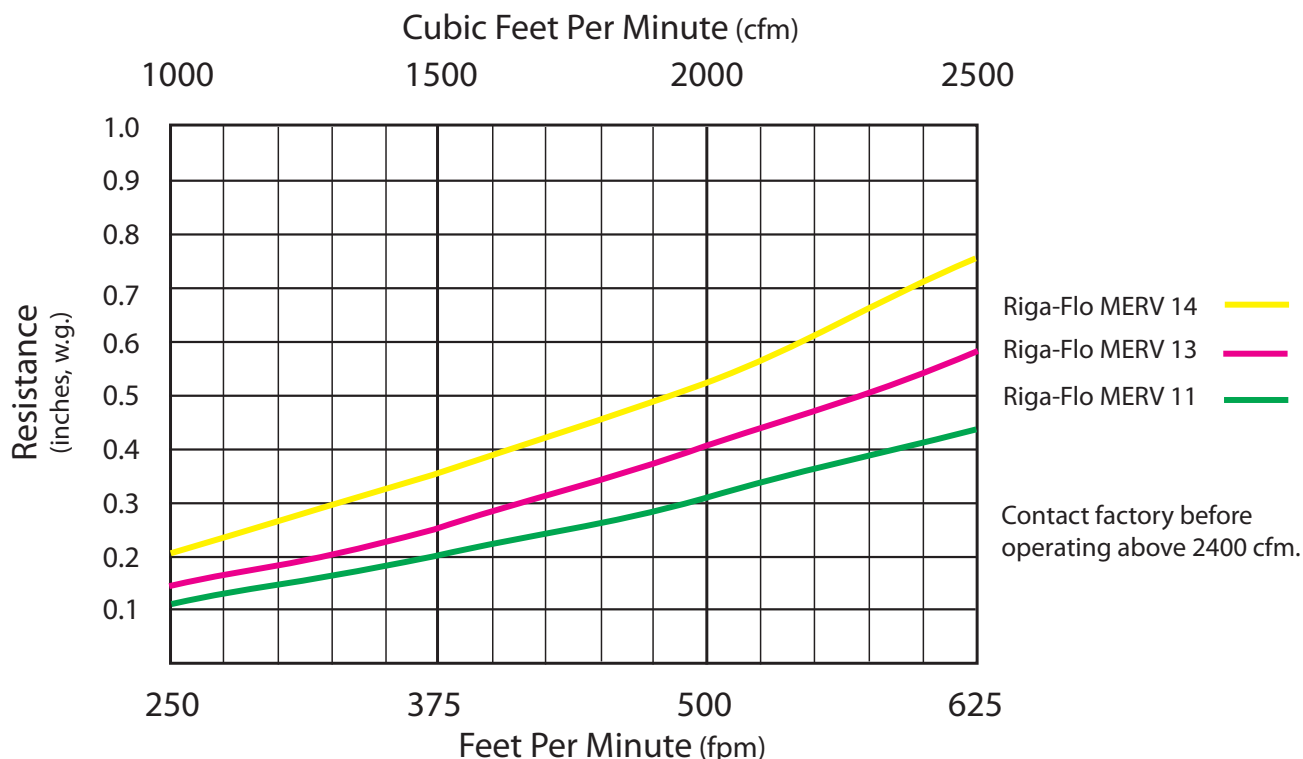
Listed as UL 900 by Underwriters Laboratories.

## Options:

Available with header for side-access or front access applications, as shown at right. See Product Sheet 1303PH.



# Initial Resistance Versus Airflow



Detailed specifications for Camfil Farr products are available on [www.camfilfarr.com](http://www.camfilfarr.com) web site.

Camfil Farr is committed to continuous research, development and product improvement. We reserve the right to change designs and specifications without notice.

Camfil Farr

United States Tel: (973) 616-7300 Fax: (973) 616-7771

Canada Tel: (450) 629-3030 Fax: (450) 662-6035

E-mail: [camfilfarr@camfilfarr.com](mailto:camfilfarr@camfilfarr.com)



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

