

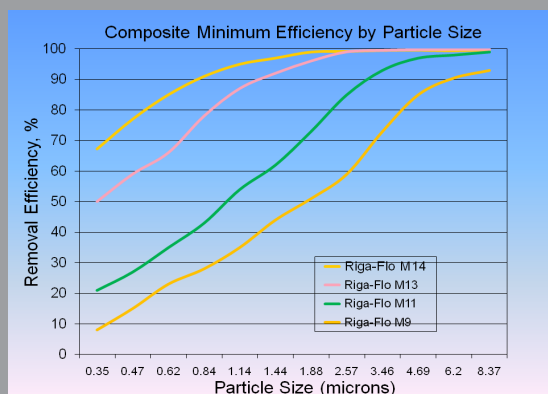


Riga-Flo®

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 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. It has respective efficiencies of ePM₁₀-70, ePM₁-65, and ePM₁-70 when evaluated per ISO filter testing standard 16890.
- Includes high-lofted, depth-loading, micro fine 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 all-metal diagonal support braces to assure filter rigidity and media pack protection.
- Includes unique bridge style plastic contour stabilizers, mechanically fastened to the diagonal support braces, on the air entering and air exiting sides, to ensure pleat support through turbulent or varying airflows.
- Has an ECI¹ value of four stars.

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

¹ A 5-Star rating indicates that this filter performs in the top 20% of all products of similar construction in the HVAC industry. Factors of consideration include maintained efficiency, energy usage and resistance to air flow. Detailed evaluation information is available from your Camfil sales outlet or on the web at www.camfil.com.

Performance Data

Filter Model & Efficiency¹	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 MERV 14 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 MERV 13 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 MERV 11 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 MERV 9 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:

6" deep units are only available with metal contour stabilizers.

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.

¹ 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 UL 900 by Underwriters Laboratories.

Options:

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



Specifications

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.
- 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 pleat configuration 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.

3.0 Performance

- 3.1 - The filter shall have a Minimum Efficiency Reporting Value of (MERV

9, MERV 11, MERV 13, MERV 14) per ASHRAE Standard 52.2. It shall have a MERV-A of (9, 11, 13, 14)* when tested under Appendix J of that standard. It shall have an efficiency of (ePM₁₀, ePM₁₀-70, ePM₁-65, ePM₁-70) when evaluated per ISO filter testing standard 16890.

3.2 - Initial resistance to airflow shall not exceed (0.20", 0.35", 0.50", 0.65")* w.g. at an airflow of 500 fpm for filters having a nominal depth of 12". For a 6" model initial resistance to airflow shall not exceed (0.08", 0.25", 0.50", 0.60")* w.g. at an airflow of 300 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 9001:2015.

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

Supporting Data - Provide product test reports for each listed efficiency including all details as prescribed in ASHRAE Standard 52.2-2015 including Appendix J.

Product shall be Camfil Riga-Flo or approved equal.

* Items in parentheses () require selection.

For detailed specifications please consult your local Camfil Distributor or Representative or www.camfil.com.

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



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



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