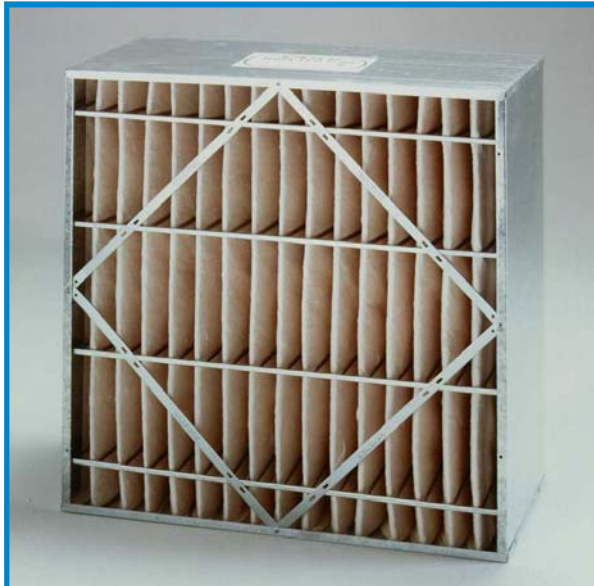
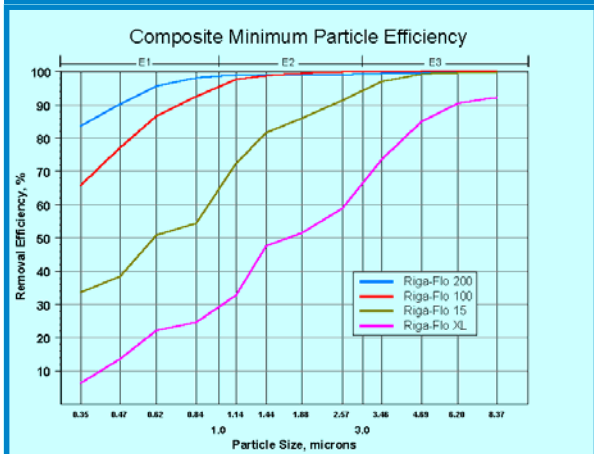


High-Lofted Supported Media Air Filter



The Camfil Farr Riga-Flo, setting the standard for rigid, supported media, air filtration since 1976



Values are MERVs when evaluated per ASHRAE 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 with respect to supporting the growth of captured bacteria or other viable contaminants. The Riga-Flo:

Model	ASHRAE 52.2-1999 MERV	ASHRAE 52.1-1992 (Dust Spot)	Eurovent
Riga-Flo XL	9	40-45%	EU5
Riga-Flo 15	11	60-65%	EU6
Riga-Flo 100	13	80-85%	EU7
Riga-Flo 200	14	90-95%	EU8

- Is available in four efficiencies:
- 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 laminated media backing to maintain fiber blanket uniformity and preclude media migration.
- Includes a stiffened 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 media pack to eliminate air bypass and ensure integrity to 10" w.g.
- Includes an enclosing frame of steel, coated with an aluminum-zinc alloy, to provide 50% higher corrosion resistance than standard galvanized steel.
- Includes all-metal contour stabilizers on the air entering and air existing 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 bonded to the contour stabilizers to assist in maintaining a rigid and durable filter pack.

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



Camfil Farr	Product sheet
Riga-Flo®	1303-0603
Camfil Farr—clean air solutions	

PERFORMANCE DATA

RIGA-FLO®

FILTER EFFICIENCY	NOMINAL SIZE (inches)	ACTUAL SIZE (inches)		12" DEEP FILTERS**				6" DEEP FILTERS**			
		HEIGHT	WIDTH	AIRFLOW CAPACITY (cfm)	RESISTANCE (inches w.g.)		MEDIA AREA (ft²)	AIRFLOW CAPACITY (cfm)	RESISTANCE (inches w.g.)		MEDIA AREA (ft²)
					INITIAL	FINAL*			INITIAL	FINAL*	
RIGA-FLO XL 40-45% EFFICIENCY	24 x 12	23.38	11.38	1000	.26	1.5	29	600	.08	1.5	14
	20 x 20	19.38	19.38	1400			39	840			19
	24 x 20	23.38	19.38	1660			47	995			24
	24 x 24	23.38	23.38	2000			58	1200			29
RIGA-FLO 15 60-65% EFFICIENCY	24 x 12	23.38	11.38	1000	.39	1.5	29	600	.24	1.5	14
	20 x 20	19.38	19.38	1400			39	840			19
	24 x 20	23.38	19.38	1660			47	995			24
	24 x 24	23.38	23.38	2000			58	1200			29
RIGA-FLO 100 80-85% EFFICIENCY	24 x 12	23.38	11.38	1000	.50	1.5	29	600	.41	1.5	14
	20 x 20	19.38	19.38	1400			39	840			19
	24 x 20	23.38	19.38	1660			47	995			24
	24 x 24	23.38	23.38	2000			58	1200			29
RIGA-FLO 200 90-95% EFFICIENCY	24 x 12	23.38	11.38	1000	.68	1.5	29	600	.56	1.5	14
	20 x 20	19.38	19.38	1400			39	840			19
	24 x 20	23.38	19.38	1660			47	995			24
	24 x 24	23.38	23.38	2000			58	1200			29

Options:

Available with header (Bulletin 1303PH-0603).

SPECIFICATIONS

DATA NOTES:

** Recommended final resistance is 1.5" w.g. System design may dictate a lower change-out point.

Maximum continuous operating temperature is 200° F (93° C).

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 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 within the frame to prevent air bypass.

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

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2.4 - The enclosing frame shall be constructed of an alloy of zinc, aluminum, and 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 six on the air exiting side.

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 52.2-1999. It shall have an average dust spot efficiency of (40-45%, 60-65%, 80-85%, 90-95%)* when evaluated under ASHRAE Standard 52.1-1992.

3.2 - Initial resistance to airflow shall not exceed (0.26, 0.39", 0.50", 0.68")* w.g at an airflow of 500 fpm.

3.3 - Filter shall be rated by Underwriters Laboratories as UL Class 2.

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

Supporting Data - Provide product test reports for each listed efficiency including all details as prescribed in ASHRAE Standards 52.1 and 52.2.

* Items in parentheses () require selection.

Represented by:

