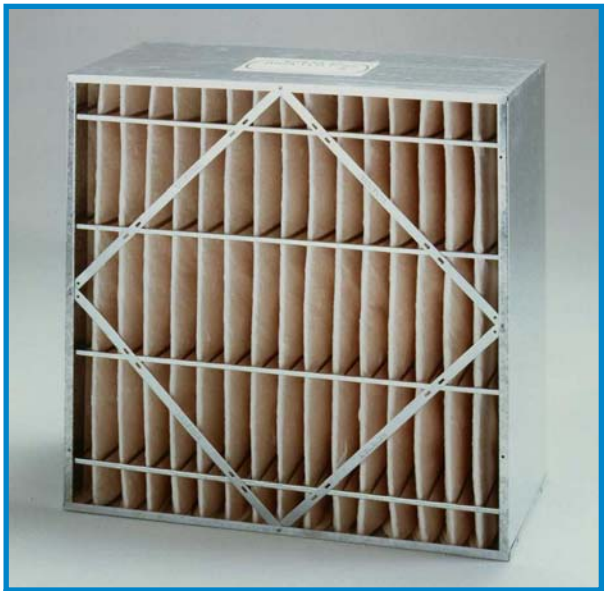
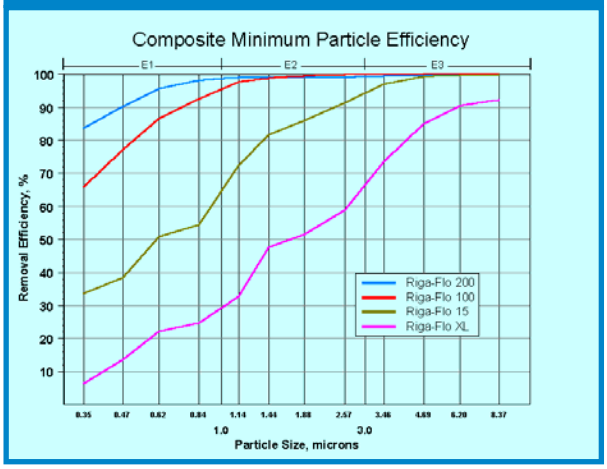
riga-flo®

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:

- Is available in four efficiencies:

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

- 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 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.

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

camfil FARR

Camfil Farr	Product sheet
Riga-Flo®	1303 - 0704
Camfil Farr—clean air solutions	

PERFORMANCE DATA

RIGA-FLO®

FILTER EFFICIENCY	NOMINAL SIZE (inches)	ACTUAL SIZE (inches)		12" DEEP FILTERS**				6" DEEP FILTERS**			
				AIRFLOW CAPACITY (cfm)	RESISTANCE (inches w.g.)		MEDIA AREA (ft^2)	AIRFLOW CAPACITY (cfm)	RESISTANCE (inches w.g.)		MEDIA AREA (ft^2)
		HEIGHT	WIDTH		INITIAL	FINAL*			INITIAL	FINAL*	
RIGA-FLO XL MERV 9 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 MERV 11 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 MERV 13 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 MERV 14 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

DATA NOTES:
*** Recommended final resistance is 1.5" w.g. System design may dictate a lower change-out point.*
Maximum continuous operating temperature is 300° F (148° C), intermittent 325° F (162° C).

Options:
Available with header (Bulletin 1303PH).

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 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.
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.

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 - 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 Standards 52.1 and 52.2.

** Items in parentheses ( ) require selection.*

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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Certified Quality System ISO 9001:2000