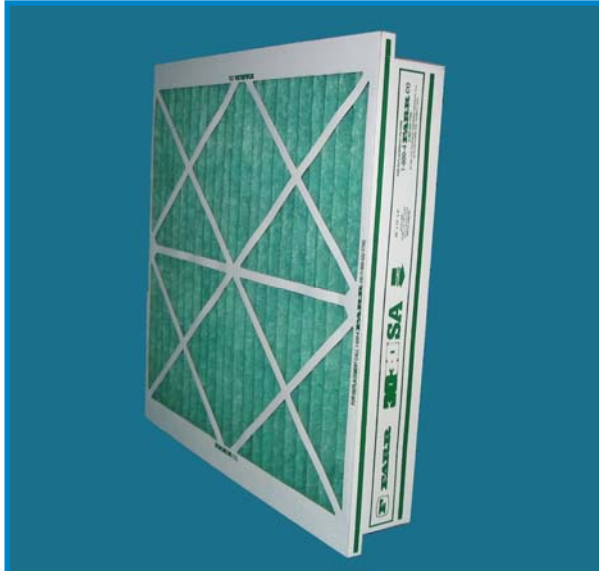
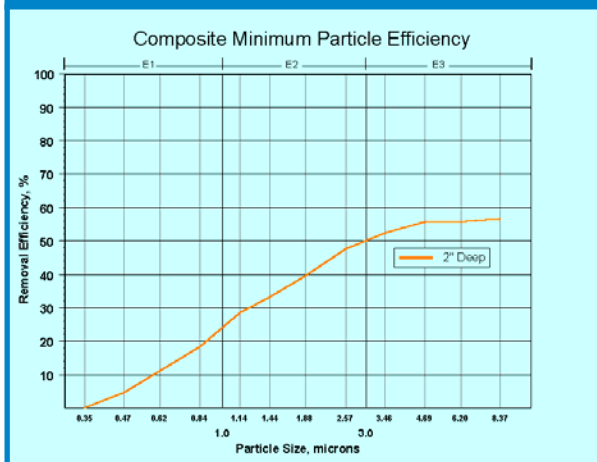


farr 30/30[®] sa

High Capacity Pleated Filter with Header



Camfil Farr 30/30[®]
performance in a
headered filter for side-
access housing



Values are MERVs when evaluated per ASHRAE 52.2.



Unique Channel for Housing Application

The Camfil Farr 30/30[®] SA filter is designed for medium efficiency ASHRAE applications requiring a nominal 1" deep header for installation into the filter track of a side-access filter housing. The 30/30 SA provides a higher efficiency than short bags or cube filters (10-30 points higher when evaluated under ASHRAE Standard 52.2). Its extended surface area results in a lower average pressure drop offering energy savings and a longer life within the HVAC system.

Exclusive Media Blend

The media, manufactured by Camfil Farr so quality is assured, is a unique blend of cotton and polyester fibers. Formed into a radial pleat, this combination provides a MERV 7 ASHRAE efficiency and a uniform low resistance to airflow over the life of the filter. The 30/30 SA 4" depth allows the use of up to 25 square feet of media resulting in an extended service life - thereby reducing the number of required changes per year.

Efficiency and Strength

The Camfil Farr 30/30 SA's radial pleat is maintained by a welded wire grid, spot welded on one-inch centers, treated for corrosion resistance and bonded to the media to prevent oscillation. A 28-point high wet-strength beverage board frame, with integral diagonal support members ensures filter rigidity in virtually any demanding application. The 30/30 SA is guaranteed to 2.0" w.g. without failure of the media pack.

Camfil Farr	Product sheet
Farr 30/30 [®] SA	1003SA - 0704
Camfil Farr—clean air solutions	

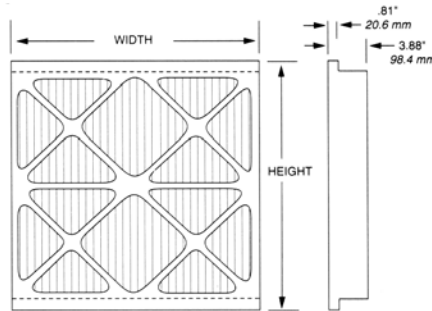
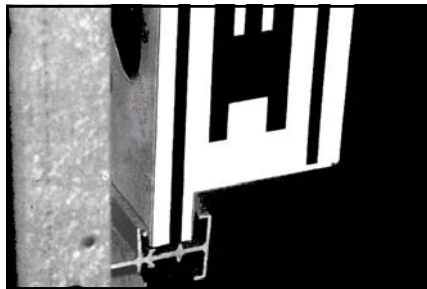
PERFORMANCE DATA

FARR 30/30® SA

Nominal Filter Depth	Nominal Filter Size	Actual Size (inches)			Capacity @ cfm		Resistance @ Capacity		Total Media Area (sq. ft.)
		Height	Width	Depth	Medium	High			
4"	12 x 24 x 4	11.38	23.38	3.88	600	1200	0.14	0.44	11.3
	24 x 20 x 4	23.38	19.38	3.88	1000	2000	0.14	0.44	20.7
	24 x 12 x 4	23.38	11.38	3.88	600	1200	0.14	0.44	12.6
	20 x 24 x 4	19.38	23.38	3.88	1000	2000	0.14	0.44	20.1
	24 x 24 x 4	23.38	23.38	3.88	1200	2400	0.14	0.44	25.2

DATA NOTES:

1.0" w.g. recommended final resistance. System design may dictate a lower change-out point.
 The Camfil Farr 30/30 SA is rated by Underwriters Laboratories as UL Class 2.
 Maximum continuous operating temperature 180° F (82° C).



SPECIFICATIONS

1.0 General

1.1 - Air filters shall be medium-efficiency ASHRAE pleated panels consisting of cotton and synthetic media, media support grid and enclosing frame with integral channel for side-access application.
 1.2 - Sizes shall be noted on drawings or other supporting materials.

2.0 Construction

2.1 - Filter media shall be a cotton and synthetic blend, lofted to a uniform depth of 0.15" and formed into a uniform radial pleat.
 2.2 - A welded wire grid, spot-welded on one-inch centers and treated for corrosion resistance, shall be bonded to the downstream side of the media to maintain the radial pleat and prevent media oscillation.
 2.3 - An enclosing frame of no less than 28-point high wet-strength beverage board shall provide a rigid and durable enclosure. The frame shall be bonded to the media to prevent air bypass and include integral diagonal support members on the air entering and air exiting side to maintain uniform pleat spacing in varying airflows. The top and bottom of the enclosing frame shall include integral reinforced channels for housing installation.

3.0 Performance

3.1 - The filter shall have a Minimum Efficiency Reporting Value of MERV 7 when evaluated under the guidelines of ASHRAE Standard 52.2-1999. It shall have an average dust spot efficiency of 25-30% when evaluated under ASHRAE Standard 52.1-1992.
 3.2 - Initial resistance to airflow shall not exceed 0.27" w.g. at an airflow of 500 fpm.
 3.3 - The filter shall be capable of withstanding 2.0" w.g. without failure of the media pack.
 3.4 - Manufacturer shall provide evidence of facility certification to ISO 9001:2000.
 3.5 - The 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.

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

Camfil Farr, Inc.

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