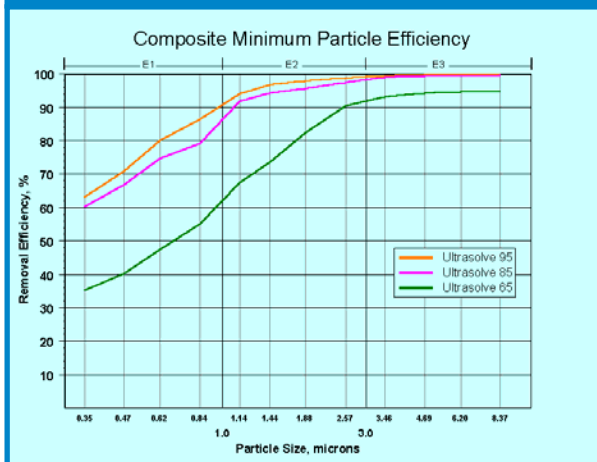




The lowest pressure drop, most durable compact mini-pleated filter



Values are MERVs when evaluated per ASHRAE 52.2.



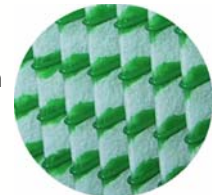
Space Saving Compact Design

Ideal for a variety of applications, the Camfil Farr Ultrasolve® offers cost effective, high-efficiency air filtration in a compact, energy-saving, easy-to-handle design. The Ultrasolve is ideal for commercial, institutional and medical facilities, or other applications where improved indoor air quality is important.

The Ultrasolve is available in three efficiencies:

ASHRAE 52.1	ASHRAE 52.2	Eurovent
60-65%	MERV 11	F6
80-85%	MERV 13	F7
90-95%	MERV 14	F8

- Incorporates a unique polypropylene media in a mini-pleat configuration offering high strength, low resistance to airflow and resistance to moisture in high humidity applications
- 4" depth saves valuable air handler component and inventory space
- Unique color-coded media for quick and easy product identification
- Lower pressure drop (40% lower than comparable configuration products) saves energy when compared to other industry offerings
- Lightweight, easy-to-handle and resistant to handling damage
- Environmentally-friendly materials reduce disposal concerns
- Rated by Underwriters Laboratories as Class 2
- Guaranteed integrity to 10" w.g.



Camfil Farr	Product sheet
Ultrasolve®	1513 - 0704
Camfil Farr—clean air solutions	

PERFORMANCE DATA

ULTRASOLVE®

Filter Efficiency	Nominal Size (inches)	Actual Size (inches)			Capacity (cfm)		Resistance @ Capacity (inches w.g.)		Total Media Area (sq. ft.)	Pleats per Linear Foot
		Height	Width	Depth	Medium	High	Medium	High		
Ultrasolve 60-65% MERV 11	20 x 16 x 4	19.38	15.38	3.75	560	1100	0.14	0.35	65.5	48 Pleats Per Linear Foot
	20 x 20 x 4	19.38	19.38	3.75	695	1390	0.14	0.35	82.5	
	24 x 12 x 4	23.38	11.38	3.75	500	1000	0.14	0.35	60.0	
	24 x 18 x 4	23.38	17.38	3.75	750	1500	0.14	0.35	90.0	
	24 x 20 x 4	23.38	19.38	3.75	835	1670	0.14	0.35	99.0	
	24 x 24 x 4	23.38	23.38	3.75	1000	2000	0.14	0.35	119.0	
	25 x 16 x 4	24.38	15.38	3.75	695	1390	0.14	0.35	82.0	
Ultrasolve 80-85% MERV 13	20 x 16 x 4	19.38	15.38	3.75	560	1100	0.17	0.45	65.5	48 Pleats Per Linear Foot
	20 x 20 x 4	19.38	19.38	3.75	695	1390	0.17	0.45	82.5	
	24 x 12 x 4	23.38	11.38	3.75	500	1000	0.17	0.45	60.0	
	24 x 18 x 4	23.38	17.38	3.75	750	1500	0.17	0.45	90.0	
	24 x 20 x 4	23.38	19.38	3.75	835	1670	0.17	0.45	99.0	
	24 x 24 x 4	23.38	23.38	3.75	1000	2000	0.17	0.45	119.0	
	25 x 16 x 4	24.38	15.38	3.75	695	1390	0.17	0.45	82.0	
Ultrasolve 90-95% MERV 14	20 x 16 x 4	19.38	15.38	3.75	560	1100	0.25	0.60	65.5	48 Pleats Per Linear Foot
	20 x 20 x 4	19.38	19.38	3.75	695	1390	0.25	0.60	82.5	
	24 x 12 x 4	23.38	11.38	3.75	500	1000	0.25	0.60	60.0	
	24 x 18 x 4	23.38	17.38	3.75	750	1500	0.25	0.60	90.0	
	24 x 20 x 4	23.38	19.38	3.75	835	1670	0.25	0.60	99.0	
	24 x 24 x 4	23.38	23.38	3.75	1000	2000	0.25	0.60	119.0	
	25 x 16 x 4	24.38	15.38	3.75	695	1390	0.25	0.60	82.0	
25 x 20 x 4	24.38	19.38	3.75	870	1740	0.25	0.60	103.0		

DATA NOTES:
 4" deep filters are rated at 250 fpm (medium) and 500 fpm (high).
 Maximum recommended final resistance for all sizes is 1.5" w.g. System velocity and design may dictate a different final pressure drop.
 Maximum recommended operating temperature 140° F (60° C)
 Medium-efficiency ASHRAE pre-filtration is recommended for high-loading applications.

SPECIFICATIONS

1.0 General

1.1 - Air filters shall be high-efficiency, 4" nominal depth mini-pleat disposable type, assembled in a compact and secure enclosure. The filter shall consist of 100% polypropylene media, fire-retardant bonding agents and a high wet-strength beverage board enclosing frame. The filter shall be capable of withstanding 10" w.g. without distortion of the media pack of filter failure.

1.2 - Sizes shall be as noted on enclosed drawings or other supporting materials.

2.0 Construction

2.1 - Filter media shall be 100% melt-blown polypropylene consisting of a progressive denier of fibers with coarser fibers on the air entering side and finer fibers on the air exiting side.

2.2 - The media shall include polypropylene separators that maintain pleat configuration and assist in ensuring media stability. The separators shall be bonded to the media.

2.3 - The media pack shall be completely enclosed and bonded around the periphery to a high wet-strength beverage board enclosing frame. The enclosing frame shall include diagonal support members on the air entering and air exiting side to maintain pleat spacing and provide support for a rigid and durable filter pack.

3.0 Performance

3.1 - The filter shall have an efficiency of (60-65%, 80-85%, 90-95%)* when tested in accordance with ASHRAE Standard 52.1. The filter shall have a MERV of (11, 13, 14)* when tested in accordance with ASHRAE Standard 52.2. Initial pressure drop at 500 fpm shall not exceed (0.35", 0.45", 0.60")* w.g.

3.2 - Manufacturer shall provide evidence of facility certification to ISO 9001:2000.

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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