Opti-Pac® (Plastic Frame)

Compact, Space Saving, 4” Deep High Efficiency Air Filter

- **Fine fiber media maintains published filter efficiency throughout the life of the filter**
- **Thermoplastic separators maintain pleat separation and ensure uniform dust loading**
- **Lowest resistance of any high efficiency 4’’ deep filter pack resulting in lower total cost of ownership**
- **Media bonded to the frame to eliminate air bypass**
- **Plastic enclosing frame ensures filter pack rigidity and media support throughout the life of the filter**
- **Available full size or with a header for side-access installations**
- **Guaranteed to 5.0’’ w.g. without media a pack failure.**

The Camfil Farr Opti-Pac provides high efficiency air filtration in a space saving 4” deep filter pack that can reduce valuable in-line air handler component depth and reduce inventory space requirements. Light weight and easy to handle, the Opti-Pac is available in efficiencies of MERV 11, MERV 13 and MERV 14 per ASHRAE Standard 52.2. The Camfil Farr Opti-Pac:

- Incorporates a wet-laid micro fine glass media in a close-pleat™ design for optimum airflow, low system air resistance, and extended service life
- Maintains its efficiency over its life in an HVAC system
- Has the lowest pressure drop of any fine fiber 4” deep mini-pleated filter in the industry
- Includes thermoplastic resin separators ensuring full use of media area and uniform airflow through the filter. Pressure drop increases are minimized resulting in a lower average energy cost
- Includes a plastic enclosing frame that is resistant to moisture. The frame is bonded to the media around the entire periphery to eliminate air bypass
- Is guaranteed against media pack failure to 5.0” w.g. Expensive filter blowouts are eliminated and system cleanliness and integrity are maintained.
- Is available in a variety of sizes for virtually any application
- Has an ECI[1] value of 3-Stars.

The Opti-Pac is excellent for VAV systems, or any commercial, medical or industrial application where space is a premium. Its compact depth reduces the in line space in air handlers allowing the application of additional components or reducing the overall space footprint of the air handling system.

[1] The Energy Cost Index (ECI) is a system that rates a filter’s energy usage and its ability to maintain published efficiency over its lifetime. ECI is useful when comparing filters of similar construction and published efficiency. ECI ratings range from a high of 5 stars (low life cycle cost and high overall value) to a low of 1 star (high life cycle cost and low overall value). Details on ECI ratings for Camfil Farr and competitor’s products are available from your Camfil Farr sales outlet and on the web at www.camfilfarr.com.

Product specifications are available on the Camfil Farr web site.

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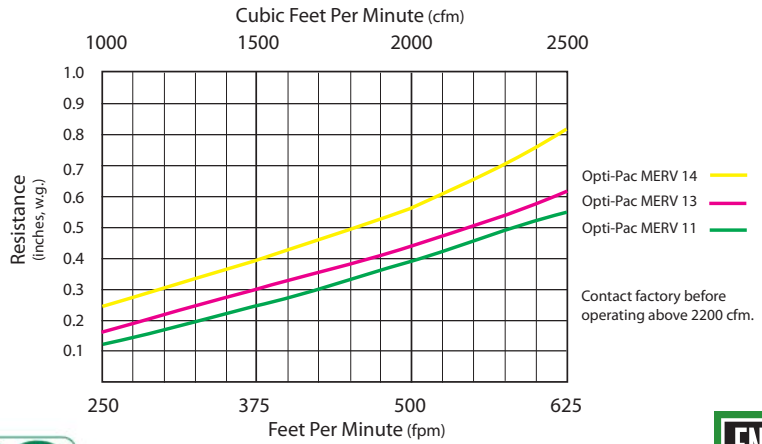
Performance

ASHRAE Efficiency	Part Number	Nominal Depth (inches)	Nominal Sisw (inches, H x W)	Actual Depth (inches)	Actual Dimensions (inches, H x W)	Initial Resistance ((inches w.g.)	Airflow Capacity (cfm)	Media Area (sq. ft)
MERV 11	855147-001	4	20 x 20	3.75	19.38.x 19.38	0.39	1390	75
	855147-002		24 x 12		23.38 x 11.38		1000	53
	855147-003		24 x 20		23.38 x 19.38		1670	91
	855147-004		24 x 24		23.38 x 23.38		2000	109
	855147-005		25 x 16		24.38 x 15.38		1390	75
	855147-006		20 x 16		19.38 x 15.38		1100	64
	855147-007		24 x 18		23.38 x 17.38		1500	87
	855147-008		25 x 20		24.38 x 19.38		1740	94
MERV 13	855147-011	4	20 x 20	3.75	19.38.x 19.38	0.44	1390	80
	855147-012		24 x 12		23.38 x 11.38		1000	53
	855147-013		24 x 20		23.38 x 19.38		1670	98
	855147-014		24 x 24		23.38 x 23.38		2000	113
	855147-015		25 x 16		24.38 x 15.38		1390	80
	855147-016		20 x 16		19.38 x 15.38		1100	84
	855147-017		24 x 18		23.38 x 17.38		1500	87
	855147-018		25 x 20		24.38 x 19.38		1740	101
MERV 14	855147-021	4	20 x 20	3.75	19.38.x 19.38	0.57	1390	80
	855147-022		24 x 12		23.38 x 11.38		1000	53
	855147-023		24 x 20		23.38 x 19.38		1670	98
	855147-024		24 x 24		23.38 x 23.38		2000	113
	855147-025		25 x 16		24.38 x 15.38		1390	80
	855147-026		20 x 16		19.38 x 15.38		1100	84
	855147-027		24 x 18		23.38 x 17.38		1500	87
	855147-028		25 x 20		24.38 x 19.38		1740	101

DATA NOTES
Maximum recommended pressure drop is 1.50” w.g., system design may dictate a lower change-out point.
For header version substitute 855146-xxx for 855147-xxx in part numbers noted above.
The Opti-Pac is listed by Underwriters Laboratories as UL 900. Maximum continuous operating temperature 175º F (80º C.
Performance tolerance in conformance with ARI Standard 850.
Camfil Farr is committed to continuous research, development and product improvement. We reserve the right to change designs and specifications without notice.

Initial Resistance Versus Airflow



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