



Opti-Pac® Durable PH

Compact, Space Saving, 4" Deep
High Efficiency Air Filter with Header



Uniform pleat separation and media exposure to airflow to ensure high dust loading.

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; guaranteed.

Most robust, high efficiency, 4-inch deep headered filter available today.

Available in a variety of sizes.

The Camfil Opti-Pac Durable PH provides high performance particle capture efficiency in those units where 4-inch air filters are possible.

The Opti-Pac Durable PH is available in three standard efficiencies:

ASHRAE Standard 52.2 Appendix J

MERV 15/MERV-A 13A

MERV 13/MERV-A 11A

MERV 11/MERV-A 11A

The Opti-Pac Durable PH includes:

- Synthetic fiber based media in a close-pleat design.
- Media is bonded to the inside of the all plastic frame around the entire periphery to eliminate particle bypass.
- Thermoplastic resin separators ensure full use of media area and uniform airflow.
- The overall design yields low system resistance and extended service life.
- Media pack strength is such that Camfil guarantees to 10.0" of water gauge.
- The Opti-Pac Durable PH is available in a variety of common sizes for virtually any application.
- Has an ECI¹ value of 3-Stars.

In situations where high MERV-A values are required, the Opti-Pac Durable PH is able to meet those guidelines and achieve compliance with the additional benefit of sustained particle capture efficiency for the duration of service life.

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 and competitor's products are available from your Camfil sales outlet and on the web at www.camfil.com. Product specifications are available on the Camfil web site.

Performance Data

ASHRAE Efficiency	Part Number	Model Number	Actual Depth (inches)	Actual Dimensions (inches, H x W)	Initial Resistance (inches w.g.)	Media Area (sq. ft)
MERV 11	855144001	OPDHMV11 24X24X4	4"	23-5/16 x 23-5/16 x 3-13/16	0.55"	66
	855144002	OPDHMV11 24X20X4		23-5/16 x 19-5/16 x 3-13/16		54
	855144003	OPDHMV11 12x24x4		11-5/16 x 23-5/16 x 3-13/16		29
	855144004	OPDHMV11 20X20X4		19-5/16 x 19-5/16 x 3-13/16		44
	855144005	OPDHMV11 20X16X4		19-5/16 x 15-5/16 x 3-13/16		34
	855144006	OPDHMV11 16X25X4		15-5/16 x 24-5/16 x 3-13/16		43
	855144008	OPDHMV11 20x25X4		19-5/16 x 24-5/16 x 3-13/16		56
MERV 13	855144011	OPDHMV13 24X24X4	4"	23-5/16 x 23-5/16 x 3-13/16	0.52"	66
	855144012	OPDHMV13 24X20X4		23-5/16 x 19-5/16 x 3-13/16		54
	855144013	OPDHMV13 12x24x4		11-5/16 x 23-5/16 x 3-13/16		29
	855144014	OPDHMV13 20X20X4		19-5/16 x 19-5/16 x 3-13/16		44
	855144015	OPDHMV13 20X16X4		19-5/16 x 15-5/16 x 3-13/16		34
	855144016	OPDHMV13 16X25X4		15-5/16 x 24-5/16 x 3-13/16		43
	855144018	OPDHMV13 20x25X4		19-5/16 x 24-5/16 x 3-13/16		56
MERV 15	855144031	OPDHMV15 24X24X4	4"	23-5/16 x 23-5/16 x 3-13/16	0.68"	66
	855144032	OPDHMV15 24X20X4		23-5/16 x 19-5/16 x 3-13/16		54
	855144033	OPDHMV15 12x24x4		11-5/16 x 23-5/16 x 3-13/16		29
	855144034	OPDHMV15 20X20X4		19-5/16 x 19-5/16 x 3-13/16		44
	855144035	OPDHMV15 20X16X4		19-5/16 x 15-5/16 x 3-13/16		34
	855144036	OPDHMV15 16X25X4		15-5/16 x 24-5/16 x 3-13/16		43
	855144038	OPDHMV15 20x25X4		19-5/16 x 24-5/16 x 3-13/16		56

DATA NOTES

Maximum recommended pressure drop is 1.50" w.g., system design may dictate a lower change-out point.

The Opti-Pac Durable PH is listed by Underwriters Laboratories as UL 900. Maximum continuous operating temperature 175° F (80°C).

Performance tolerance in conformance with ARI Standard 850.

Opti-Pac Durable PH Specifications

1.0 General

1.1 Air filters shall be medium or high-efficiency ASHRAE box style filters consisting of dual layered synthetic media, thermoplastic resin separators, and a double-walled extruded polystyrene enclosing frame

1.2 Sizes shall be noted on drawings or other supporting materials

2.0 Construction

2.1 Filter media shall be of one continuous sheet of synthetic mat filter media formed into uniformly spaced pleats and formed into a mini-pleat pack configuration

2.2 Thermoplastic pleat separators shall provide uniform media separation to promote uniform airflow throughout the media.

2.3 The enclosing frame shall be of plastic construction and bonded to the entire periphery of the media pack to prevent air bypass

2.4 Filter frame shall be double-walled design for increased filter strength

3.0 Performance

3.1 The filter shall have a Minimum Efficiency Reporting Value of MERV (11, 13, 15) when evaluated under ASHRAE Standard 52.2 and MERV 11A, 11A and 13A when evaluated under 52.2 with Appendix J.

3.2 Initial resistance to airflow shall be 0.55", 0.52", 0.68"w.g for a 4" deep model at an airflow of 500 fpm.

3.3 The filter shall be listed by Underwriters Laboratories as UL Class 900

3.4 The filters shall be capable of withstanding 10.0"w.g. without failure of the media pack.

3.5 Recommended filter change out resistance is 1.5" w.g.

3.6 Manufacturer shall provide evidence of facility certification to ISO 9001:2015.