

PRODUCT DATA

**FILTER-LINE™
SERIES FLH
PD-FLFLH-03A
JANUARY 2003**

**AIR
FILTERS**

FILTER-LINE™

SERIES FLH — 95/12, 97/12, 99/12

HEPA FILTERS

95%, 99.97% AND 99.99% DOP EFFICIENT — 6" OR 12" DEEP

Description



The FILTER-LINE™ Series FLH — Filter-Line HEPA (High Efficiency Particulate Air) Filters are designed to provide the highest levels of air filtration. Filter-Line HEPA Filters may be used in a wide variety of critical applications, including: hospitals, pharmaceutical/electronic manufacturing, food processing, reseach laboratories, etc. Filter-Line HEPA Filters are available in 3 efficiency ranges (95%, 99.97% and 99.99%) and 2 air flow capacity levels: **Standard Capacity** HEPA filters are available for normal operating conditions and **High Capacity** HEPA Filters are available for higher air flow applications. Filter-Line HEPA Filters are available in (5) standard face sizes and (2) filter depths.

Construction

MICRO GLASS FIBER PAPER MEDIA

Filter-Line HEPA Filters are manufactured from micro glass fiber wet laid paper media. Media is water resistant and spacing is maintained by the use of corrugated aluminum separators.

16 GAUGE GALVANIZED STEEL CELL SIDE

Filter-Line HEPA Filters are constructed of 16 gauge galvanized steel. The cell side provides for a very rigid filter and all interior surfaces of the air filter media are sealed to the enclosing frame.

MEDIA PACK/CELL SIDE SEALANT BOND

Filter-Line HEPA Filters are manufactured to provide a leak-free seal between the media pack and the cell side. All sides of the media pack are sealed with an adhesive to ensure filter integrity.

DOVE TAIL NEOPRENE DOWNSTREAM GASKET

Filter-Line HEPA Filters are supplied with a standard downstream sealing gasket. The gasket is an interlocking dove tail design constructed of neoprene which is attached to the HEPA cell side.

INDIVIDUALLY TESTED AND LABELLED FILTERS

Filter-Line HEPA Filters are tested and labelled for minimum DOP efficiency on 0.3 micron (uM) particles, in accordance with *The Edgewood Arsenal Instruction Manual 136-300-175*.

WIDE VARIETY OF FILTER SIZES AND DEPTHS

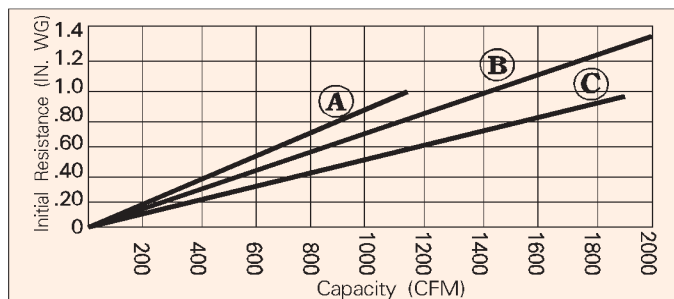
Filter-Line HEPA Filters are offered in (5) standard face sizes and (2) filter depths for 6" and 12" HEPA Filters. All Filter-Line HEPA Filters conform to industry standards for fit and performance.

Dimensional Data

SERIES FLH - HEPA FILTERS		STANDARD CAPACITY @		HIGH CAPACITY @
		.95"	1.00"	1.35"
MODEL NUMBER	ACTUAL SIZE	95% DOP	99.97% 99.99%	99.97% 99.99%
FLH**/121123*MD	11 3/8 x 23 3/8 x 11 1/2	865	485	830
FLH**/121224*MD	12 x 24 x 11 1/2	910	525	900
FLH**/122323*MD	23 3/8 x 23 3/8 x 11 1/2	1900	1090	1900
FLH**/122424*MD	24 x 24 x 11 1/2	2000	1150	2000
FLH**/122430*MD	24 x 30 x 11 1/2	2550	1450	2540

**Insert "95" for 95%, "97" for 99.97% and "99" for 99.99% DOP highly efficient HEPA Filters.

*Insert "S" for Standard Capacity or "H" for High Capacity. "M" stands for Metal Cell Side, "D" for Downstream Gasket.



MODEL NUMBER KEY

FLH97/122424SMD

Insert model number extension to complete model number.

FLH- FILTER-LINE™ HEPA Filter
97/12- 99.97% Efficiency - 12" Depth
24- Unit Width
24- Unit Height
SMD- Standard Capacity, Metal Cell Side, Downstream Gasket

Notes:

- Performance data is based on:
 - (A) - Standard Capacity HEPA Filter: 24 x 24 x 11 1/2
 - (B) - High Capacity HEPA Filter: 24 x 24 x 11 1/2
 - (C) - 95% Efficient HEPA Filter: 23 3/8 x 23 3/8 x 11 1/2
- 6" deep and special HEPAs are available, please contact factory.

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We reserve the right to make changes in product design and product specifications without prior notice or obligation.

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Breathe Easy, We Have The Line On Air Filtration.