

Bag Filters

# Hi-Flo® ES

## Hi-Flo ES



### Advantages

- **Lowest initial and average pressure drop to ensure the lowest energy cost in the industry**
- **May be used without a prefilter to further reduce energy costs**
- **Longest lasting pocket style filter available in the industry, less changes and less landfill waste**
- **Proprietary high loft air laid media, exclusive to Camfil, depth optimized for the highest dust holding capacity**
- **Tapered pockets offer Controlled Media Spacing (CMS) for full use of media area**
- **Transport handle built into carton for ease of filter service**
- **Molded plastic frame, no jagged edges, no pocket damage, no air bypass**
- **Guaranteed to 10" w.g. without filter failure**



**Description:** Multi-pocket high efficiency filters with tapered pleats and pockets available in 12", 22" and 30" depths.

**Typical applications:** Built-up filter banks, rooftops, split systems, free-standing units, package systems and air handlers.

**Efficiency:** MERV 11, MERV 13, MERV 14, and MERV 15 and a MERV-A of 11, 13, 14 and 15 respectively, efficiency maintained throughout the life of the filter.

**Media:** Proprietary microfine glass media in a uniform high loft media blanket with a micro mesh media backing.

**Recommended final pressure drop:** 1.0" w.g. when operated at 500 fpm. System design may dictate alternative changeout point

**Temperature:** Maximum continuous operating temperature of 158° F (70° C).

**Ratings:** ECI value of five stars, listed as UL 900 by Underwriters Laboratories.

See Literature 1211 for more details.

Part Number	Model Number	Nominal Height & Width (inches)	Pocket Depth (inches)	Actual Dimensions (H x W x D, inches)	Airflow Capacity (cfm)	Initial Resistance	Media Area (sq ft)
405620A22	HFESMV15/24/24/22/10	24 X 24	22	23.31 x 23.31 x 22	2000	0.62"	71.45
405620A30	HFESMV15/24/24/30/10	24 X 24	30	23.31 x 23.31 x 30	2000	0.53"	97.03
405620B22	HFESMV15/24/20/22/8	24 X 20	22	23.31 x 19.31 x 22	1600	0.62"	57.16
405620B30	HFESMV15/24/20/30/8	24 X 20	30	23.31 x 19.31 x 30	1600	0.53"	77.62
405620D22	HFESMV15/20/20/22/8	20 X 20	22	19.31 x 19.31 x 22	1320	0.62"	47.16
405620D30	HFESMV15/20/20/30/8	20 X 20	30	19.31 x 19.31 x 30	1320	0.53"	63.98
405620C22	HFESMV15/24/12/22/5	24 X 12	22	23.31 x 11.31 x 22	1000	0.62"	35.73
405620C30	HFESMV15/24/12/30/5	24 X 12	30	23.31 x 11.31 x 30	1000	0.53"	48.52
405620E22	HFESMV15/20/24/22/10	20 X 24	22	19.31 x 23.31 x 22	1600	0.62"	57.16
405620E12	HFESMV15/20/24/30/10	20 X 24	30	19.31 x 23.31 x 30	1600	0.53"	77.62
405620F22	HFESMV15/12/24/22/10	12 X 24	22	11.31 x 23.31 x 22	1000	0.62"	35.73
405620F30	HFESMV15/12/24/30/10	12 X 24	30	11.31 x 23.31 x 30	1000	0.53"	48.52
405619A12	HFESMV14/24/24/12/10	24 x 24	12	23.31 x 23.31 x 12	2000	0.67"	39.21
405619A22	HFESMV14/24/24/22/10	24 X 24	22	23.31 x 23.31 x 22	2000	0.45"	71.45
405619A30	HFESMV14/24/24/30/10	24 X 24	30	23.31 x 23.31 x 30	2000	0.41"	97.03
405619B12	HFESMV14/24/20/12/8	24 X 20	12	23.31 x 19.31 x 12	1600	0.67"	31.37
405619B22	HFESMV14/24/20/22/8	24 X 20	22	23.31 x 19.31 x 22	1600	0.45"	57.16

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405619B30	HFESMV14/24/20/30/8	24 X 20	30	23.31 x 19.31 x 30	1600	0.41"	77.62
405619D12	HFESMV14/20/20/12/8	20 X 20	12	19.31 x 19.31 x 12	1320	0.67"	25.81
405619D22	HFESMV14/20/20/22/8	20 X 20	22	19.31 x 19.31 x 22	1320	0.45"	47.16
405619D30	HFESMV14/20/20/30/8	20 X 20	30	19.31 x 19.31 x 30	1320	0.41"	63.98
405619C12	HFESMV14/24/12/12/5	24 X 12	12	23.31 x 11.31 x 12	1000	0.67"	19.61
405619C22	HFESMV14/24/12/22/5	24 X 12	22	23.31 x 11.31 x 22	1000	0.45"	35.73
405619C30	HFESMV14/24/12/30/5	24 X 12	30	23.31 x 11.31 x 30	1000	0.41"	48.52
405619E12	HFESMV14/20/24/12/10	20 X 24	12	19.31 x 23.31 x 12	1600	0.67"	31.37
405619E22	HFESMV14/20/24/22/10	20 X 24	22	19.31 x 23.31 x 22	1600	0.45"	57.16
405619E30	HFESMV14/20/24/30/10	20 X 24	30	19.31 x 23.31 x 30	1600	0.41"	77.62
405619F12	HFESMV14/12/24/12/10	12 X 24	12	11.31 x 23.31 x 12	1000	0.67"	19.61
405619F22	HFESMV14/12/24/22/10	12 X 24	22	11.31 x 23.31 x 22	1000	0.45"	35.73
405619F30	HFESMV14/12/24/30/10	12 X 24	30	11.31 x 23.31 x 30	1000	0.41"	48.52
405618A12	HFESMV13/24/24/12/10	24 x 24	12	23.31 x 23.31 x 12	2000	0.52"	39.21
405618A22	HFESMV13/24/24/22/10	24 X 24	22	23.31 x 23.31 x 22	2000	0.40"	71.45
405618A30	HFESMV13/24/24/30/10	24 X 24	30	23.31 x 23.31 x 30	2000	0.34"	97.03
405618B12	HFESMV13/24/20/12/8	24 X 20	12	23.31 x 19.31 x 12	1600	0.52"	31.37
405618B22	HFESMV13/24/20/22/8	24 X 20	22	23.31 x 19.31 x 22	1600	0.40"	57.16
405618B30	HFESMV13/24/20/30/8	24 X 20	30	23.31 x 19.31 x 30	1600	0.34"	77.62
405618D12	HFESMV13/20/20/12/8	20 X 20	12	19.31 x 19.31 x 12	1320	0.52"	25.81
405618D22	HFESMV13/20/20/22/8	20 X 20	22	19.31 x 19.31 x 22	1320	0.40"	47.16
405618D30	HFESMV13/20/20/30/8	20 X 20	30	19.31 x 19.31 x 30	1320	0.34"	63.98
405618C12	HFESMV13/24/12/12/5	24 X 12	12	23.31 x 11.31 x 12	1000	0.52"	19.61
405618C22	HFESMV13/24/12/22/5	24 X 12	22	23.31 x 11.31 x 22	1000	0.40"	35.73
405618C30	HFESMV13/24/12/30/5	24 X 12	30	23.31 x 11.31 x 30	1000	0.34"	48.52
405618E12	HFESMV13/20/24/12/10	20 X 24	12	19.31 x 23.31 x 12	1600	0.52"	31.37
405618E22	HFESMV13/20/24/22/10	20 X 24	22	19.31 x 23.31 x 22	1600	0.40"	57.16
405618E30	HFESMV13/20/24/30/10	20 X 24	30	19.31 x 23.31 x 30	1600	0.34"	77.62
405618F12	HFESMV13/12/24/12/10	12 X 24	12	11.31 x 23.31 x 12	1000	0.52"	19.61
405618F22	HFESMV13/12/24/22/10	12 X 24	22	11.31 x 23.31 x 22	1000	0.40"	35.73
405618F30	HFESMV13/12/24/30/10	12 X 24	30	11.31 x 23.31 x 30	1000	0.34"	48.52
405617A12	HFESMV11/24/24/12/10	24 x 24	12	23.31 x 23.31 x 12	2000	0.30"	39.21
405617A22	HFESMV11/24/24/22/10	24 X 24	22	23.31 x 23.31 x 22	2000	0.28"	71.45
405617A30	HFESMV11/24/24/30/10	24 X 24	30	23.31 x 23.31 x 30	2000	0.26"	97.03
405617B12	HFESMV11/24/20/12/8	24 X 20	12	23.31 x 19.31 x 12	1600	0.30"	31.37
405617B22	HFESMV11/24/20/22/8	24 X 20	22	23.31 x 19.31 x 22	1600	0.28"	57.16
405617B30	HFESMV11/24/20/30/8	24 X 20	30	23.31 x 19.31 x 30	1600	0.26"	77.62
405617D12	HFESMV11/20/20/12/8	20 X 20	12	19.31 x 19.31 x 12	1320	0.30"	25.81
405617D22	HFESMV11/20/20/22/8	20 X 20	22	19.31 x 19.31 x 22	1320	0.28"	47.16
405617D30	HFESMV11/20/20/30/8	20 X 20	30	19.31 x 19.31 x 30	1320	0.26"	63.98
405617C12	HFESMV11/24/12/12/5	24 X 12	12	23.31 x 11.31 x 12	1000	0.30"	19.61
405617C22	HFESMV11/24/12/22/5	24 X 12	22	23.31 x 11.31 x 22	1000	0.28"	35.73
405617C30	HFESMV11/24/12/30/5	24 X 12	30	23.31 x 11.31 x 30	1000	0.26"	48.52
405617E12	HFESMV11/20/24/12/10	20 X 24	12	19.31 x 23.31 x 12	1600	0.30"	31.37
405617E22	HFESMV11/20/24/22/10	20 X 24	22	19.31 x 23.31 x 22	1600	0.28"	57.16
405617E30	HFESMV11/20/24/30/10	20 X 24	30	19.31 x 23.31 x 30	1600	0.26"	77.62
405617F12	HFESMV11/12/24/12/10	12 X 24	12	11.31 x 23.31 x 12	1000	0.30"	19.61
405617F22	HFESMV11/12/24/22/10	12 X 24	22	11.31 x 23.31 x 22	1000	0.28"	35.73
405617F30	HFESMV11/12/24/30/10	12 X 24	30	11.31 x 23.31 x 30	1000	0.26"	48.52

