

HEPA-V

High Capacity V-Type Hepa Filters



HV13GR40N0PG-24,02-24,02-11,50

APPLICATIONS

- High capacity High efficiency Absolute air filtration
- Clean room ventilation systems
- Used in microelectronics, food, photography, data centers, hospital, medical equipment industry

Optional 120 °C version

FILTER CODE STRUCTURE

Filter Type	HV	HEPA-V
Filter Class EN 1822	13	H13
Filter Frame	G	Galvanized
Filter Media	R	Glass Fiber & Hot Melt
Filter Media Area	40	430 ft ²
Filter Flange	N	Without Flange
Filter Surface Grid	O	Without Face Grids
Filter Gasket Type	P	Polyurethane
Filter Gasket Direction	G	Air inlet
Filter Size	24,02-24,02-11,50	

TECHNICAL SPECIFICATIONS

Filter Class	ASHRAE 52.2 @0,3μ	MERV 16 95 99,5 99,95 99,995
Av. Efficiency	≥ 85 %	≥95 % ≥99,5% ≥99,95% ≥99,995%
Max.Working Temperature	176 °F (248 °F option)	
Relative Humidity	100%	
Final Pressure Drop	2,48 w.g.	
Filter Stage	II - III	

Recommended final pressure drop ≤ 2,48 w.g. Maximum final pressure drop ≤ 4,01 w.g.

HEPA-V Series Technical Data

Filter Code	Size W x H x D	Filter Class ASHRAE 52.2	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
HV10GR10NOPG	12,01-12,01-11,50	MERV 16	11,50	107,64	794	1,00	15,43
HV10GR20NOPG	12,01-24,02-11,50	MERV 16	11,50	215,28	1589	1,00	24,25
HV10GR30NOPG	17,95-24,02-11,50	MERV 16	11,50	322,92	2413	1,00	35,27
HV10GR40NOPG	24,02-24,02-11,50	MERV 16	11,50	430,56	3178	1,00	44,09
HV10GR50NOPG	24,02-30,02-11,50	MERV 16	11,50	538,20	4002	1,00	62,83
HV10GR60NOPG	24,02-36,02-11,50	MERV 16	11,50	645,83	4826	1,00	71,65

Filter Code	Size W x H x D	Efficiency % %@0,3μ	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
HV11GR10NOPG	12,01-12,01-11,50	95	11,50	107,64	735	1,00	15,43
HV11GR20NOPG	12,01-24,02-11,50	95	11,50	215,28	1471	1,00	24,25
HV11GR30NOPG	17,95-24,02-11,50	95	11,50	322,92	2207	1,00	35,27
HV11GR40NOPG	24,02-24,02-11,50	95	11,50	430,56	2942	1,00	44,09
HV11GR50NOPG	24,02-30,02-11,50	95	11,50	538,20	3678	1,00	62,83
HV11GR60NOPG	24,02-36,02-11,50	95	11,50	645,83	4414	1,00	71,65

Filter Code	Size W x H x D	Efficiency % %@0,3μ	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
HV12GR10NOPG	12,01-12,01-11,50	99,5	11,50	107,64	588	1,00	15,43
HV12GR20NOPG	12,01-24,02-11,50	99,5	11,50	215,28	1177	1,00	24,25
HV12GR30NOPG	17,95-24,02-11,50	99,5	11,50	322,92	1765	1,00	35,27
HV12GR40NOPG	24,02-24,02-11,50	99,5	11,50	430,56	2354	1,00	44,09
HV12GR50NOPG	24,02-30,02-11,50	99,5	11,50	538,20	2942	1,00	62,83
HV12GR60NOPG	24,02-36,02-11,50	99,5	11,50	645,83	3766	1,00	71,65

Filter Code	Size W x H x D	Efficiency % %@0,3μ	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
HV13GR10NOPG	12,01-12,01-11,50	99,95	11,50	107,64	588	1,00	15,43
HV13GR20NOPG	12,01-24,02-11,50	99,95	11,50	215,28	1177	1,00	24,25
HV13GR30NOPG	17,95-24,02-11,50	99,95	11,50	322,92	1765	1,00	35,27
HV13GR40NOPG	24,02-24,02-11,50	99,95	11,50	430,56	2354	1,00	44,09
HV13GR50NOPG	24,02-30,02-11,50	99,95	11,50	538,20	2942	1,00	62,83
HV13GR60NOPG	24,02-36,02-11,50	99,95	11,50	645,83	3178	1,00	71,65

Filter Code	Size W x H x D	Efficiency % %@0,3μ	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
HV14GR10NOPG	12,01-12,01-11,50	99,995	11,50	107,64	500	1,00	15,43
HV14GR20NOPG	12,01-24,02-11,50	99,995	11,50	215,28	1000	1,00	24,25
HV14GR30NOPG	17,95-24,02-11,50	99,995	11,50	322,92	1500	1,00	35,27
HV14GR40NOPG	24,02-24,02-11,50	99,995	11,50	430,56	2001	1,00	44,09
HV14GR50NOPG	24,02-30,02-11,50	99,995	11,50	538,20	2501	1,00	62,83
HV14GR60NOPG	24,02-36,02-11,50	99,995	11,50	645,83	3001	1,00	71,65

HEPA-V

High Capacity V-Type Hepa Filters



HV13GR36N0PG-24,02-24,02-11,50

APPLICATIONS

- High capacity High efficiency Absolute air filtration
- Clean room ventilation systems
- Used in microelectronics, food, photography, data centers, hospital, medical equipment industry

Optional 248 °F version

FILTER CODE STRUCTURE

Filter Type	HV HEPA-V
Filter Class EN 1822	13 H13
Filter Frame	G Galvanized
Filter Media	R Glass Fiber & Hot Melt
Filter Media Area	36 387 ft ²
Filter Flange	N Without Flange
Filter Surface Grid	O Without Face Grids
Filter Gasket Type	P Polyurethane
Filter Gasket Direction	G Air Inlet
Filter Size	24,02-24,02-11,50

TECHNICAL SPECIFICATIONS

Filter Class	ASHRAE 52.2 @0,3μ MERV 16 95 99,5 99,95 99,995
Av. Efficiency	≥ 85 % ≥95 % ≥99,5% ≥99,95% ≥99,995%
Max.Working Temperature	176 °F (248 °F option)
Relative Humidity	100%
Final Pressure Drop	2,41 w.g. - 4,01 w.g.
Filter Stage	II - III

Recommended final pressure drop ≤ 2,41 w.g.
Maximum final pressure drop ≤ 4,01 w.g.

HEPA-V Series Technical Data

Filter Code	Size	Filter Class ASHRAE 52.2	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
	W x H x D						
HV10GR09N0PG	12,01-12,01-11,50	MERV 16	11,50	96,88	735	1,00	15,43
HV10GR18N0PG	12,01-24,02-11,50	MERV 16	11,50	193,75	1471	1,00	24,25
HV10GR26N0PG	17,95-24,02-11,50	MERV 16	11,50	279,86	2177	1,00	35,27
HV10GR36N0PG	24,02-24,02-11,50	MERV 16	11,50	387,50	2942	1,00	44,09
HV10GR46N0PG	24,02-30,02-11,50	MERV 16	11,50	495,14	3678	1,00	62,83
HV10GR56N0PG	24,02-36,02-11,50	MERV 16	11,50	602,78	4414	1,00	71,65

Filter Code	Size	Efficiency % %@0,3μ	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
	W x H x D						
HV11GR09N0PG	12,01-12,01-11,50	95	11,50	96,88	691	1,00	15,43
HV11GR18N0PG	12,01-24,02-11,50	95	11,50	193,75	1383	1,00	24,25
HV11GR26N0PG	17,95-24,02-11,50	95	11,50	279,86	2071	1,00	35,27
HV11GR36N0PG	24,02-24,02-11,50	95	11,50	387,50	2766	1,00	44,09
HV11GR46N0PG	24,02-30,02-11,50	95	11,50	495,14	3443	1,00	62,83
HV11GR56N0PG	24,02-36,02-11,50	95	11,50	602,78	4120	1,00	71,65

Filter Code	Size	Efficiency % %@0,3μ	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
	W x H x D						
HV12GR09N0PG	12,01-12,01-11,50	99,5	11,50	96,88	515	1,00	15,43
HV12GR18N0PG	12,01-24,02-11,50	99,5	11,50	193,75	1030	1,00	24,25
HV12GR26N0PG	17,95-24,02-11,50	99,5	11,50	279,86	1471	1,00	35,27
HV12GR36N0PG	24,02-24,02-11,50	99,5	11,50	387,50	2060	1,00	44,09
HV12GR46N0PG	24,02-30,02-11,50	99,5	11,50	495,14	2619	1,00	62,83
HV12GR56N0PG	24,02-36,02-11,50	99,5	11,50	602,78	3207	1,00	71,65

Filter Code	Size	Efficiency % %@0,3μ	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
	W x H x D						
HV13GR09N0PG	12,01-12,01-11,50	99,95	11,50	96,88	500	1,00	15,43
HV13GR18N0PG	12,01-24,02-11,50	99,95	11,50	193,75	1000	1,00	24,25
HV13GR26N0PG	17,95-24,02-11,50	99,95	11,50	279,86	1500	1,00	35,27
HV13GR36N0PG	24,02-24,02-11,50	99,95	11,50	387,50	2001	1,00	44,09
HV13GR46N0PG	24,02-30,02-11,50	99,95	11,50	495,14	2501	1,00	62,83
HV13GR56N0PG	24,02-36,02-11,50	99,95	11,50	602,78	3001	1,00	71,65

Filter Code	Size	Efficiency % %@0,3μ	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
	W x H x D						
HV14GR09N0PG	12,01-12,01-11,50	99,995	11,50	96,88	441	1,00	15,43
HV14GR18N0PG	12,01-24,02-11,50	99,995	11,50	193,75	882	1,00	24,25
HV14GR26N0PG	17,95-24,02-11,50	99,995	11,50	279,86	1265	1,00	35,27
HV14GR36N0PG	24,02-24,02-11,50	99,995	11,50	387,50	1765	1,00	44,09
HV14GR46N0PG	24,02-30,02-11,50	99,995	11,50	495,14	2236	1,00	62,83
HV14GR56N0PG	24,02-36,02-11,50	99,995	11,50	602,78	2736	1,00	71,65