

# AIR FILTER TECHNOLOGY (EN1822)

## HIGH CAPACITY HEPA FILTER with V-MODUL Design (METAL)

### Specifications

- Service life, less maintenance
- Low pressure drop, less energy consumption
- Guaranteed leak-free
- Compact and strong construction
- Metal Frame, minimum risk of damage



<p><b>Filter Class;</b> E10 - E11 - E12 - H13 - H14</p> <p><b>Sealing Compound;</b> Two component polyurethane</p> <p><b>Flammability Class;</b> K2/F2 (K1/F1 available)</p> <p><b>Design;</b> V-Modul</p> <p><b>Gasket;</b> EPDM, EPDM Flat continuous and PU Foam</p>	<p><b>Media;</b> High quality glass fibre</p> <p><b>Separators;</b> Hotmelt</p> <p><b>Max. Operating Temperature;</b> 75°C ("-""); 120°C)</p> <p><b>Max. Final Pressure Drop;</b> 600 Pa</p> <p><b>Frame type;</b> Galvanized Steel (Stainless Steel available)</p>
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High Capacity Hepa Filters with V-Modul design filters are manufactured according to international dimensions. They are designed for the special systems such as in supply and exhaust air systems in industry, cleanroom applications, medical and nuclear installations.

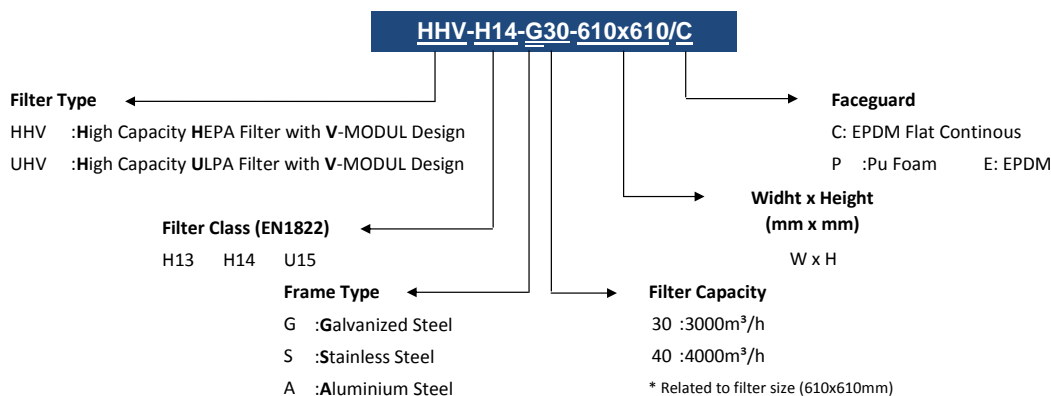
High Capacity Hepa Filters with V-design filter mats are ready to use for face velocities up to 3m/s (air volumes up to 4000m<sup>3</sup>/h) in several pack densities / casing / gasket materials.

Filtration area and pleat type designed with the optimum value are more important for performers of filters. The filters having large filter surface area offer a good solution with lower operating costs and significantly reducing energy consumption.

Model	Nominal Air Flow for 610x610mm (m <sup>3</sup> /h)	Filter Class (EN1822)	Filtration Area for 610x610mm (m <sup>2</sup> )	Initial Pressure Drop @Nominal (Pa)
<b>G30</b>	<b>3000</b>	<b>H13</b>	<b>26</b>	<b>250</b>
		<b>H14</b>	<b>30</b>	<b>250</b>
<b>G40</b>	<b>4000</b>	<b>H13</b>	<b>37</b>	<b>290</b>
		<b>H14</b>	<b>40</b>	<b>300</b>

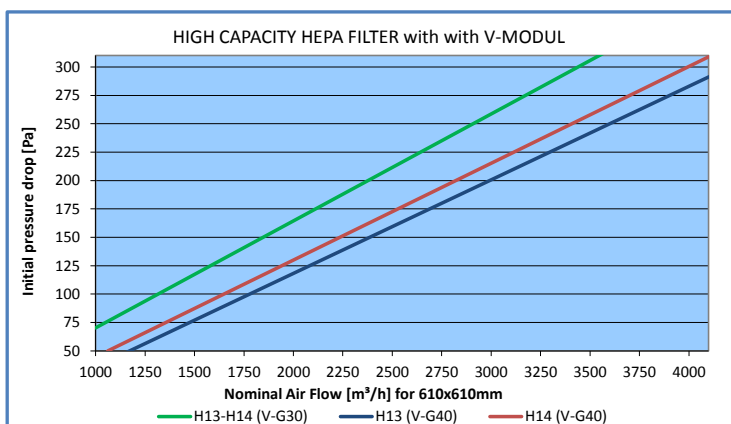
HEPA and ULPA filters are tested and certified individually according to EN1822 with the advanced technology. We would recommend the higher grades of prefilters to increase the service life of the ceiling filters.

Applications: Industrial processes like microelectronics, medicine, pharma, the food industry, microbiology, chemistry, laboratories, hospital and hospital operating theatres, laminar flow boxes, fan filter units, nuclear energy and nuclear research.



ADVANCED FILTRATION FOR A BETTER FUTURE!

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Design	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
HHV-H13-G30-305x305/C	H13	305x305x292	6,5	V-Modul	750	250
HHV-H13-G30-287x592/C	H13	287x592x292	13,0	V-Modul	1500	250
HHV-H13-G30-305x610/C	H13	305x610x292	13,0	V-Modul	1500	250
HHV-H13-G30-457x610/C	H13	457x610x292	19,5	V-Modul	2250	250
HHV-H13-G30-592x592/C	H13	592x592x292	26,0	V-Modul	3000	250
HHV-H13-G30-610x610/C	H13	610x610x292	26,0	V-Modul	3000	250
HHV-H13-G30-610x762/C	H13	610x762x292	32,5	V-Modul	3750	250
HHV-H14-G30-305x305/C	H14	305x305x292	7,5	V-Modul	750	250
HHV-H14-G30-287x592/C	H14	287x592x292	15,0	V-Modul	1500	250
HHV-H14-G30-305x610/C	H14	305x610x292	15,0	V-Modul	1500	250
HHV-H14-G30-457x610/C	H14	457x610x292	22,5	V-Modul	2250	250
HHV-H14-G30-592x592/C	H14	592x592x292	30,0	V-Modul	3000	250
HHV-H14-G30-610x610/C	H14	610x610x292	30,0	V-Modul	3000	250
HHV-H14-G30-610x762/C	H14	610x762x292	37,5	V-Modul	3750	250

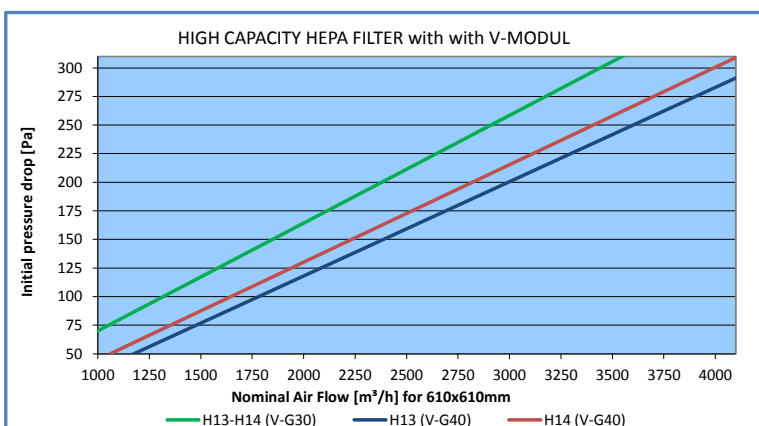


HHV-H14-G30-610x610/C		
Filter Model	V-Modul	HHV
Filter Class	H14 (EN1822)	H14
Frame Material	Galvanized	G
Nominal Capacity*	3000m <sup>3</sup> /h	30
Filter Dimensions	WxH (mm)	610x610
Gasket	EPDM Flat	C

\*According to 610x610 dimensions



Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Design	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
HHV-H13-G40-305x305/C	H13	305x305x292	9,3	V-Modul	1000	290
HHV-H13-G40-287x592/C	H13	287x592x292	18,5	V-Modul	2000	290
HHV-H13-G40-305x610/C	H13	305x610x292	18,5	V-Modul	2000	290
HHV-H13-G40-457x610/C	H13	457x610x292	27,7	V-Modul	3000	290
HHV-H13-G40-592x592/C	H13	592x592x292	37,0	V-Modul	4000	290
HHV-H13-G40-610x610/C	H13	610x610x292	37,0	V-Modul	4000	290
HHV-H13-G40-610x762/C	H13	610x762x292	46,0	V-Modul	5000	290
HHV-H14-G40-305x305/C	H14	305x305x292	10,0	V-Modul	1000	300
HHV-H14-G40-287x592/C	H14	287x592x292	20,0	V-Modul	2000	300
HHV-H14-G40-305x610/C	H14	305x610x292	20,0	V-Modul	2000	300
HHV-H14-G40-457x610/C	H14	457x610x292	30,0	V-Modul	3000	300
HHV-H14-G40-592x592/C	H14	592x592x292	40,0	V-Modul	4000	300
HHV-H14-G40-610x610/C	H14	610x610x292	40,0	V-Modul	4000	300
HHV-H14-G40-610x762/C	H14	610x762x292	50,0	V-Modul	5000	300



HHV-H14-G40-610x610/C		
Filter Model	V-Modul	HHV
Filter Class	H14 (EN1822)	H14
Frame Material	Galvanized	G
Nominal Capacity*	4000m <sup>3</sup> /h	40
Filter Dimensions	WxH (mm)	610x610
Gasket	EPDM Flat	C

\*According to 610x610 dimensions