

HEPA Filters

High efficiency filters

General information: HEPA filters are disposable filters among the most effective filters category and are used in situations requiring high levels air purity. HEPA filters are available in various sizes and filter up to 99,995% submicron particle.

Application: HEPA filters are used in typical application can be found in hospitals, medicine, pharmacy, microbiology, chemistry, microelectronics, laboratories, nuclear and food industry.

Advantages: HEPA filters are checked for leak proof at the end of production process. Every filter is delivery with a test certificate.



Type: HEPA Filter

Frame: galvanized sheet, stainless steel, aluminum

Material type: glass micro fiber

Classification 1822:2009 : E10 - H14

Average efficiency (Em) particle 0,15μ: E10 85%, E12 99,50% H13 99,95%
H14 99,995%

Initial pressure drop: 110 – 250 Pa

Final pressure drop (recommended): 650 Pa

Maxim airflow: 250 – 4500 m³/h

Airspeed: 0,45 m/s

Temperature: Maxim 80°C in continuous operation mode

Humidity: Maxim 90%

Bonding: two component polyurethane

Gasket: continuous polyurethane gasket

Filter stage: III

Packing: cardboard box

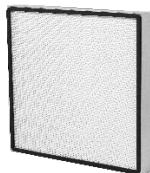
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Classification ISO 1822:2009	Dimensions (Wight x Height x Depth) (mm)	Filtering surface (m ²)	Airflow (m ³ /h)	Minimum efficiency (Em) Particle 0,15 μ (%)	Pressure drop	
					Initial (Pa)	Final (Pa)
E10	305 x 305 x 292	9,30	900	85,00	120	650
E10	305 x 610 x 292	18,50	1750	85,00	120	650
E10	457 x 610 x 292	27,80	2250	85,00	120	650
E10	610 x 610 x 292	37,00	4250	85,00	120	650
E12	305 x 305 x 292	9,30	900	99,50	140	650
E12	305 x 610 x 292	18,50	1750	99,50	140	650
E12	457 x 610 x 292	27,80	2250	99,50	140	650
E12	610 x 610 x 292	37,00	4250	99,50	140	650
H13	305 x 305 x 292	9,30	900	99,95	200	650
H13	305 x 610 x 292	18,50	1750	99,95	200	650
H13	457 x 610 x 292	27,80	2250	99,95	200	650
H13	610 x 610 x 292	37,00	4250	99,95	200	650
H14	305 x 305 x 292	9,30	900	99,995	240	650
H14	305 x 610 x 292	18,50	1750	99,995	240	650
H14	457 x 610 x 292	27,80	2250	99,995	240	650
H14	610 x 610 x 292	37,00	4250	99,995	240	650

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HEPA Filters H13 – ISO 1822:2009

High efficiency filters

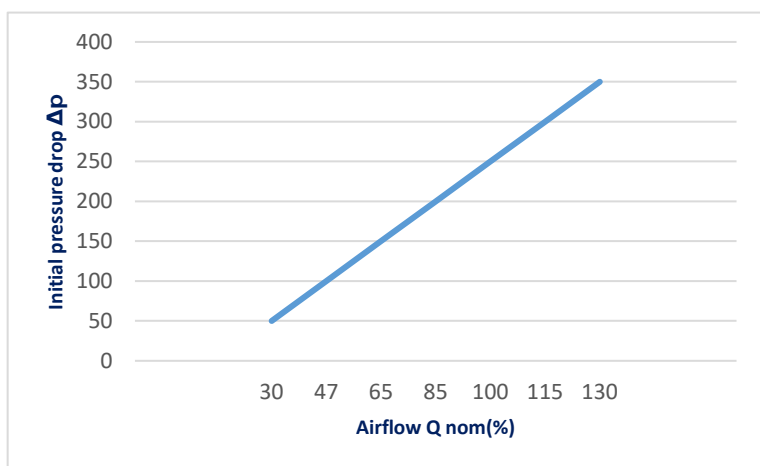


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Advantages: HEPA filters are checked for leak proof at the end of production process. Every filter is delivery with a test certificate.



Type: HEPA filter

Frame: galvanized sheet, stainless steel, aluminum, MDF, PVC

Material type: glass micro fiber

Classification ISO 1822:2009 : H13

Average efficiency (Em) particle 0,15μ: 99,95%

Initial pressure drop: 120 – 250 Pa

Final pressure drop (recommended): 650 Pa

Maxim airflow: 250 – 4500 m3/h

Airspeed: 0,45 m/s

Temperature: Maxim 80°C in continuous operation mode

Humidity: Maxim 90%

Bonding: two component polyurethane

Gasket: continuous polyurethane gasket

Filter stage: III

Packing: cardboard box

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Classification ISO 1822:2009	Dimensions (Wight x Height x Depth) (mm)	Filtering surface (m ²)	Airflow (m ³ /h)	Minimum efficiency (Em) Particle 0,15μ (%)	Pressure drop	
					Initial (Pa)	Final (Pa)
H13	305 x 305 x 68	2,80	150	99,95	120	650
H13	457 x 457 x 68	6,20	335	99,95	120	650
H13	305 x 610 x 68	5,50	300	99,95	120	650
H13	457 x 610 x 68	8,30	450	99,95	120	650
H13	457 x 305 x 68	4,20	225	99,95	120	650
H13	610 x 610 x 68	11,10	600	99,95	120	650
H13	610 x 915 x 68	16,60	900	99,95	120	650
H13	610 x 1220 x 68	22,10	1200	99,95	120	650
H13	610 x 1524 x 68	27,60	1500	99,95	120	650
H13	610 x 1830 x 68	33,10	1800	99,95	120	650
H13	762 x 305 x 68	7,00	375	99,95	120	650
H13	762 x 610 x 68	13,90	750	99,95	120	650
H13	762 x 762 x 68	17,30	950	99,95	120	650
H13	762 x 915 x 68	20,70	1125	99,95	120	650
H13	762 x 1220 x 68	27,60	1500	99,95	120	650
H13	762 x 1524 x 68	34,50	1875	99,95	120	650
H13	762 x 1830 x 68	41,40	2250	99,95	120	650
H13	915 x 305 x 68	8,40	450	99,95	120	650
H13	915 x 915 x 68	24,90	1350	99,95	120	650
H13	915 x 1220 x 68	33,20	1800	99,95	120	650
H13	915 x 1524 x 68	41,40	2500	99,95	120	650
H13	915 x 1830 x 68	49,70	1830	99,95	120	650

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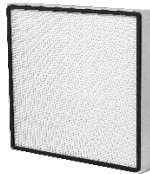
Classification ISO 1822:2009	Dimensions (Wight x Height x Depth) (mm)	Filtering surface (m ²)	Airflow (m ³ /h)	Minimum efficiency (Em) Particle 0,15μ (%)	Pressure drop	
					Initial (Pa)	Final (Pa)
H13	305 x 305 x 80	3,30	150	99,95	120	650
H13	457 x 457 x 80	7,40	335	99,95	120	650
H13	305 x 610 x 80	6,60	300	99,95	120	650
H13	457 x 610 x 80	9,90	450	99,95	120	650
H13	457 x 305 x 80	5,00	225	99,95	120	650
H13	610 x 610 x 80	13,20	600	99,95	120	650
H13	610 x 915 x 80	19,80	900	99,95	120	650
H13	610 x 1220 x 80	26,40	1200	99,95	120	650
H13	610 x 1524 x 80	32,90	1500	99,95	120	650
H13	610 x 1830 x 80	39,50	1800	99,95	120	650
H13	762 x 305 x 80	8,40	375	99,95	120	650
H13	762 x 762 x 80	16,60	750	99,95	120	650
H13	762 x 610 x 80	20,70	950	99,95	120	650
H13	762 x 915 x 80	24,80	1125	99,95	120	650
H13	762 x 1220 x 80	33,00	1500	99,95	120	650
H13	762 x 1524 x 80	41,20	1875	99,95	120	650
H13	762 x 1830 x 80	49,40	2250	99,95	120	650
H13	915 x 305 x 80	10,00	450	99,95	120	650
H13	915 x 915 x 80	29,80	1350	99,95	120	650
H13	915 x 1220 x 80	39,70	1800	99,95	120	650
H13	915 x 1524 x 80	49,50	2250	99,95	120	650
H13	915 x 1830 x 80	59,40	2700	99,95	120	650
H13	305 x 305 x 150	2,80	150	99,95	120	650
H13	457 x 457 x 150	6,20	335	99,95	120	650
H13	305 x 610 x 150	5,50	300	99,95	120	650
H13	457 x 610 x 150	8,30	450	99,95	120	650
H13	457 x 305 x 150	4,20	225	99,95	120	650
H13	610 x 610 x 150	11,10	600	99,95	120	650
H13	610 x 915 x 150	16,60	900	99,95	120	650
H13	610 x 1220 x 150	22,10	1200	99,95	120	650
H13	610 x 1524 x 150	27,60	1500	99,95	120	650
H13	610 x 1830 x 150	33,10	1800	99,95	120	650
H13	762 x 305 x 150	7,00	375	99,95	120	650
H13	762 x 762 x 150	13,90	750	99,95	120	650
H13	762 x 610 x 150	17,30	950	99,95	120	650
H13	762 x 915 x 150	20,70	1125	99,95	120	650
H13	762 x 1220 x 150	27,60	1500	99,95	120	650
H13	762 x 1524 x 150	34,50	1875	99,95	120	650
H13	762 x 1830 x 150	41,40	2250	99,95	120	650
H13	915 x 305 x 150	8,40	450	99,95	120	650
H13	915 x 915 x 150	24,90	1350	99,95	120	650
H13	915 x 1220 x 150	33,20	1800	99,95	120	650
H13	915 x 1524 x 150	41,40	2250	99,95	120	650
H13	915 x 1830 x 150	49,70	2700	99,95	120	650
H13	305 x 305 x 292	4,20	450	99,95	120	650
H13	457 x 457 x 292	10,00	1000	99,95	120	650
H13	305 x 610 x 292	9,00	900	99,95	120	650
H13	610 x 610 x 292	18,00	1800	99,95	120	650

Other dimension: in any configuration limit 1250 mm x 3000 mm

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HEPA Filters H14 – ISO 1822:2009

High efficiency filters

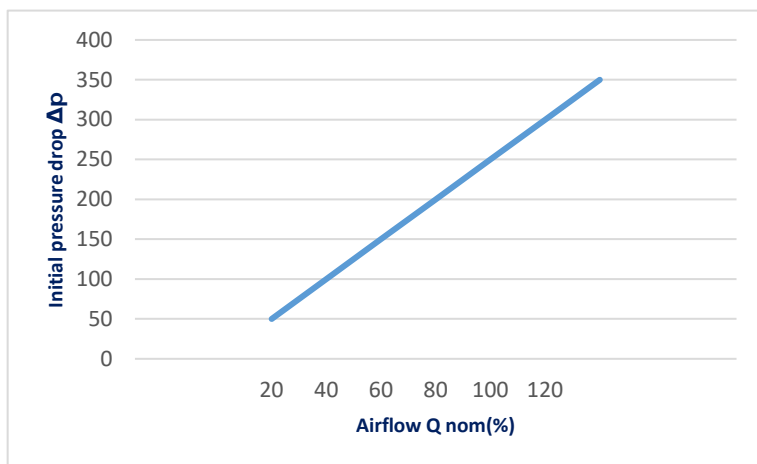


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Advantages: HEPA filters are checked for leak proof at the end of production process. Every filter is delivery with a test certificate.



Type: HEPA filter

Frame: galvanized sheet, stainless steel, aluminum, MDF, PVC

Material type: glass micro fiber

Classification ISO 1822:2009 : H14

Average efficiency (Em) particle 0,15μ: 99,995%

Initial pressure drop: 120 – 250 Pa

Final pressure drop (recommended): 650 Pa

Maxim airflow: 250 – 4500 m3/h

Airspeed: 0,45 m/s

Temperature: Maxim 80°C in continuous operation mode

Humidity: Maxim 90%

Bonding: two component polyurethane

Gasket: continuous polyurethane gasket

Filter stage: III

Packing: cardboard box

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Classification ISO 1822:2009	Dimensions (Wight x Height x Depth) (mm)	Filtering surface (m ²)	Airflow (m ³ /h)	Minimum efficiency (Em) Particle 0,15μ (%)	Pressure drop	
					Initial (Pa)	Final (Pa)
H14	305 x 305 x 68	2,80	150	99,995	120	650
H14	457 x 457 x 68	6,20	335	99,995	120	650
H14	305 x 610 x 68	5,50	300	99,995	120	650
H14	457 x 610 x 68	8,30	450	99,995	120	650
H14	457 x 305 x 68	4,20	225	99,995	120	650
H14	610 x 610 x 68	11,10	600	99,995	120	650
H14	610 x 915 x 68	16,60	900	99,995	120	650
H14	610 x 1220 x 68	22,10	1200	99,995	120	650
H14	610 x 1524 x 68	27,60	1500	99,995	120	650
H14	610 x 1830 x 68	33,10	1800	99,995	120	650
H14	762 x 305 x 68	7,00	375	99,995	120	650
H14	762 x 610 x 68	13,90	750	99,995	120	650
H14	762 x 762 x 68	17,30	950	99,995	120	650
H14	762 x 915 x 68	20,70	1125	99,995	120	650
H14	762 x 1220 x 68	27,60	1500	99,995	120	650
H14	762 x 1524 x 68	34,50	1875	99,995	120	650
H14	762 x 1830 x 68	41,40	2250	99,995	120	650
H14	915 x 305 x 68	8,40	450	99,995	120	650
H14	915 x 915 x 68	24,90	1350	99,995	120	650
H14	915 x 1220 x 68	33,20	1800	99,995	120	650
H14	915 x 1524 x 68	41,40	2500	99,995	120	650
H14	915 x 1830 x 68	49,70	1830	99,995	120	650

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H14	305 x 305 x 80	3,30	150	99,995	120	650
H14	457 x 457 x 80	7,40	335	99,995	120	650
H14	305 x 610 x 80	6,60	300	99,995	120	650
H14	457 x 610 x 80	9,90	450	99,995	120	650
H14	457 x 305 x 80	5,00	225	99,995	120	650
H14	610 x 610 x 80	13,20	600	99,995	120	650
H14	610 x 915 x 80	19,80	900	99,995	120	650
H14	610 x 1220 x 80	26,40	1200	99,995	120	650
H14	610 x 1524 x 80	32,90	1500	99,995	120	650
H14	610 x 1830 x 80	39,50	1800	99,995	120	650
H14	762 x 305 x 80	8,40	375	99,995	120	650
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H14	915 x 1830 x 80	59,40	2700	99,995	120	650
H14	305 x 305 x 150	2,80	150	99,995	120	650
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H14	305 x 610 x 150	5,50	300	99,995	120	650
H14	457 x 610 x 150	8,30	450	99,995	120	650
H14	457 x 305 x 150	4,20	225	99,995	120	650
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H14	610 x 915 x 150	16,60	900	99,995	120	650
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H14	610 x 1524 x 150	27,60	1500	99,995	120	650
H14	610 x 1830 x 150	33,10	1800	99,995	120	650
H14	762 x 305 x 150	7,00	375	99,995	120	650
H14	762 x 762 x 150	13,90	750	99,995	120	650
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H14	762 x 1220 x 150	27,60	1500	99,995	120	650
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H14	762 x 1830 x 150	41,40	2250	99,995	120	650
H14	915 x 305 x 150	8,40	450	99,995	120	650
H14	915 x 915 x 150	24,90	1350	99,995	120	650
H14	915 x 1220 x 150	33,20	1800	99,995	120	650
H14	915 x 1524 x 150	41,40	2250	99,995	120	650
H14	915 x 1830 x 150	49,70	2700	99,995	120	650
H14	305 x 305 x 292	4,20	450	99,995	120	650
H14	457 x 457 x 292	10,00	1000	99,995	120	650
H14	305 x 610 x 292	9,00	900	99,995	120	650
H14	610 x 610 x 292	18,00	1800	99,995	120	650

Other dimension: in any configuration limit 1250 mm x 3000 mm

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