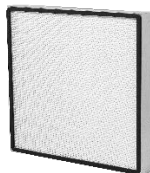


# ULPA Filters U15 – ISO 1822:2009

## High efficiency filters

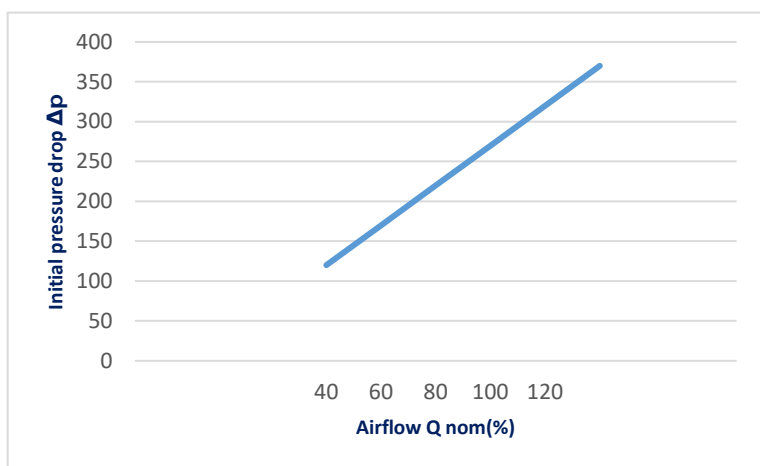


### General information:

HEPA filters are disposable filters among the most effective filters category and are used in situations requiring extremely high levels air purity. HEPA filters are available in various sizes and filter up to 99,9995% 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, MDF, PVC

**Material type:** glass micro fiber

**Classification ISO 1822:2009 :** U15

**Average efficiency (Em) particle 0,10μ:** 99,9995%

**Initial pressure drop:** 140 – 270 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 <sup>2</sup> )	Airflow (m <sup>3</sup> /h)	Minimum efficiency (Em) Particle 0,10μ (%)	Pressure drop	
					Initial (Pa)	Final (Pa)
U15	305 x 305 x 68	2,80	150	99,9995	140	650
U15	457 x 457 x 68	6,20	335	99,9995	140	650
U15	305 x 610 x 68	5,50	300	99,9995	140	650
U15	457 x 610 x 68	8,30	450	99,9995	140	650
U15	457 x 305 x 68	4,20	225	99,9995	140	650
U15	610 x 610 x 68	11,10	600	99,9995	140	650
U15	610 x 915 x 68	16,60	900	99,9995	140	650
U15	610 x 1220 x 68	22,10	1200	99,9995	140	650
U15	610 x 1524 x 68	27,60	1500	99,9995	140	650
U15	610 x 1830 x 68	33,10	1800	99,9995	140	650
U15	762 x 305 x 68	7,00	375	99,9995	140	650
U15	762 x 610 x 68	13,90	750	99,9995	140	650
U15	762 x 762 x 68	17,30	950	99,9995	140	650
U15	762 x 915 x 68	20,70	1125	99,9995	140	650
U15	762 x 1220 x 68	27,60	1500	99,9995	140	650
U15	762 x 1524 x 68	34,50	1875	99,9995	140	650
U15	762 x 1830 x 68	41,40	2250	99,9995	140	650
U15	915 x 305 x 68	8,40	450	99,9995	140	650
U15	915 x 915 x 68	24,90	1350	99,9995	140	650
U15	915 x 1220 x 68	33,20	1800	99,9995	140	650
U15	915 x 1524 x 68	41,40	2500	99,9995	140	650
U15	915 x 1830 x 68	49,70	1830	99,9995	140	650

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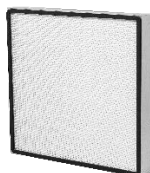
Classification ISO 1822:2009	Dimensions (Wight x Height x Depth) (mm)	Filtering surface (m <sup>2</sup> )	Airflow (m <sup>3</sup> /h)	Minimum efficiency (Em) Particle 0,10μ (%)	Pressure drop	
					Initial (Pa)	Final (Pa)
U15	305 x 305 x 80	3,30	150	99,9995	140	650
U15	457 x 457 x 80	7,40	335	99,9995	140	650
U15	305 x 610 x 80	6,60	300	99,9995	140	650
U15	457 x 610 x 80	9,90	450	99,9995	140	650
U15	457 x 305 x 80	5,00	225	99,9995	140	650
U15	610 x 610 x 80	13,20	600	99,9995	140	650
U15	610 x 915 x 80	19,80	900	99,9995	140	650
U15	610 x 1220 x 80	26,40	1200	99,9995	140	650
U15	610 x 1524 x 80	32,90	1500	99,9995	140	650
U15	610 x 1830 x 80	39,50	1800	99,9995	140	650
U15	762 x 305 x 80	8,40	375	99,9995	140	650
U15	762 x 762 x 80	16,60	750	99,9995	140	650
U15	762 x 610 x 80	20,70	950	99,9995	140	650
U15	762 x 915 x 80	24,80	1125	99,9995	140	650
U15	762 x 1220 x 80	33,00	1500	99,9995	140	650
U15	762 x 1524 x 80	41,20	1875	99,9995	140	650
U15	762 x 1830 x 80	49,40	2250	99,9995	140	650
U15	915 x 305 x 80	10,00	450	99,9995	140	650
U15	915 x 915 x 80	29,80	1350	99,9995	140	650
U15	915 x 1220 x 80	39,70	1800	99,9995	140	650
U15	915 x 1524 x 80	49,50	2250	99,9995	140	650
U15	915 x 1830 x 80	59,40	2700	99,9995	140	650
U15	305 x 305 x 150	2,80	150	99,9995	140	650
U15	457 x 457 x 150	6,20	335	99,9995	140	650
U15	305 x 610 x 150	5,50	300	99,9995	140	650
U15	457 x 610 x 150	8,30	450	99,9995	140	650
U15	457 x 305 x 150	4,20	225	99,9995	140	650
U15	610 x 610 x 150	11,10	600	99,9995	140	650
U15	610 x 915 x 150	16,60	900	99,9995	140	650
U15	610 x 1220 x 150	22,10	1200	99,9995	140	650
U15	610 x 1524 x 150	27,60	1500	99,9995	140	650
U15	610 x 1830 x 150	33,10	1800	99,9995	140	650
U15	762 x 305 x 150	7,00	375	99,9995	140	650
U15	762 x 762 x 150	13,90	750	99,9995	140	650
U15	762 x 610 x 150	17,30	950	99,9995	140	650
U15	762 x 915 x 150	20,70	1125	99,9995	140	650
U15	762 x 1220 x 150	27,60	1500	99,9995	140	650
U15	762 x 1524 x 150	34,50	1875	99,9995	140	650
U15	762 x 1830 x 150	41,40	2250	99,9995	140	650
U15	915 x 305 x 150	8,40	450	99,9995	140	650
U15	915 x 915 x 150	24,90	1350	99,9995	140	650
U15	915 x 1220 x 150	33,20	1800	99,9995	140	650
U15	915 x 1524 x 150	41,40	2250	99,9995	140	650
U15	915 x 1830 x 150	49,70	2700	99,9995	140	650
U15	305 x 305 x 292	4,20	450	99,9995	140	650
U15	457 x 457 x 292	10,00	1000	99,9995	140	650
U15	305 x 610 x 292	9,00	900	99,9995	140	650
U15	610 x 610 x 292	18,00	1800	99,9995	140	650

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

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# ULPA Filters U16 – ISO 1822:2009

## High efficiency filters

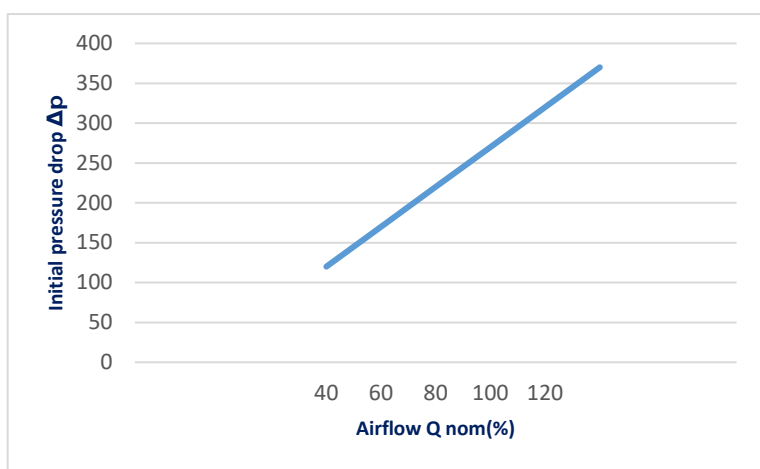


### General information:

ULPA filters are disposable filters among the most effective filters category and are used in situations requiring extremely high levels air purity. ULPA filters are available in various sizes and filter up to 99,99995% submicron particle.

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

**Advantages:** ULPA 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 :** U16

**Average efficiency (Em) particle 0,10μ:** 99,99995%

**Initial pressure drop:** 180 – 270 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 <sup>2</sup> )	Airflow (m <sup>3</sup> /h)	Minimum efficiency (Em) Particle 0,10μ (%)	Pressure drop	
					Initial (Pa)	Final (Pa)
U16	305 x 305 x 68	2,80	150	99,99995	180	650
U16	457 x 457 x 68	6,20	335	99,99995	180	650
U16	305 x 610 x 68	5,50	300	99,99995	180	650
U16	457 x 610 x 68	8,30	450	99,99995	180	650
U16	457 x 305 x 68	4,20	225	99,99995	180	650
U16	610 x 610 x 68	11,10	600	99,99995	180	650
U16	610 x 915 x 68	16,60	900	99,99995	180	650
U16	610 x 1220 x 68	22,10	1200	99,99995	180	650
U16	610 x 1524 x 68	27,60	1500	99,99995	180	650
U16	610 x 1830 x 68	33,10	1800	99,99995	180	650
U16	762 x 305 x 68	7,00	375	99,99995	180	650
U16	762 x 610 x 68	13,90	750	99,99995	180	650
U16	762 x 762 x 68	17,30	950	99,99995	180	650
U16	762 x 915 x 68	20,70	1125	99,99995	180	650
U16	762 x 1220 x 68	27,60	1500	99,99995	180	650
U16	762 x 1524 x 68	34,50	1875	99,99995	180	650
U16	762 x 1830 x 68	41,40	2250	99,99995	180	650
U16	915 x 305 x 68	8,40	450	99,99995	180	650
U16	915 x 915 x 68	24,90	1350	99,99995	180	650
U16	915 x 1220 x 68	33,20	1800	99,99995	180	650
U16	915 x 1524 x 68	41,40	2500	99,99995	180	650
U16	915 x 1830 x 68	49,70	1830	99,99995	180	650

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Classification ISO 1822:2009	Dimensions (Wight x Height x Depth) (mm)	Filtering surface (m <sup>2</sup> )	Airflow (m <sup>3</sup> /h)	Minimum efficiency (Em) Particle 0,10μ (%)	Pressure drop	
					Initial (Pa)	Final (Pa)
U16	305 x 305 x 80	3,30	150	99,99995	180	650
U16	457 x 457 x 80	7,40	335	99,99995	180	650
U16	305 x 610 x 80	6,60	300	99,99995	180	650
U16	457 x 610 x 80	9,90	450	99,99995	180	650
U16	457 x 305 x 80	5,00	225	99,99995	180	650
U16	610 x 610 x 80	13,20	600	99,99995	180	650
U16	610 x 915 x 80	19,80	900	99,99995	180	650
U16	610 x 1220 x 80	26,40	1200	99,99995	180	650
U16	610 x 1524 x 80	32,90	1500	99,99995	180	650
U16	610 x 1830 x 80	39,50	1800	99,99995	180	650
U16	762 x 305 x 80	8,40	375	99,99995	180	650
U16	762 x 762 x 80	16,60	750	99,99995	180	650
U16	762 x 610 x 80	20,70	950	99,99995	180	650
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U16	762 x 1220 x 80	33,00	1500	99,99995	180	650
U16	762 x 1524 x 80	41,20	1875	99,99995	180	650
U16	762 x 1830 x 80	49,40	2250	99,99995	180	650
U16	915 x 305 x 80	10,00	450	99,99995	180	650
U16	915 x 915 x 80	29,80	1350	99,99995	180	650
U16	915 x 1220 x 80	39,70	1800	99,99995	180	650
U16	915 x 1524 x 80	49,50	2250	99,99995	180	650
U16	915 x 1830 x 80	59,40	2700	99,99995	180	650
U16	305 x 305 x 150	2,80	150	99,99995	180	650
U16	457 x 457 x 150	6,20	335	99,99995	180	650
U16	305 x 610 x 150	5,50	300	99,99995	180	650
U16	457 x 610 x 150	8,30	450	99,99995	180	650
U16	457 x 305 x 150	4,20	225	99,99995	180	650
U16	610 x 610 x 150	11,10	600	99,99995	180	650
U16	610 x 915 x 150	16,60	900	99,99995	180	650
U16	610 x 1220 x 150	22,10	1200	99,99995	180	650
U16	610 x 1524 x 150	27,60	1500	99,99995	180	650
U16	610 x 1830 x 150	33,10	1800	99,99995	180	650
U16	762 x 305 x 150	7,00	375	99,99995	180	650
U16	762 x 762 x 150	13,90	750	99,99995	180	650
U16	762 x 610 x 150	17,30	950	99,99995	180	650
U16	762 x 915 x 150	20,70	1125	99,99995	180	650
U16	762 x 1220 x 150	27,60	1500	99,99995	180	650
U16	762 x 1524 x 150	34,50	1875	99,99995	180	650
U16	762 x 1830 x 150	41,40	2250	99,99995	180	650
U16	915 x 305 x 150	8,40	450	99,99995	180	650
U16	915 x 915 x 150	24,90	1350	99,99995	180	650
U16	915 x 1220 x 150	33,20	1800	99,99995	180	650
U16	915 x 1524 x 150	41,40	2250	99,99995	180	650
U16	915 x 1830 x 150	49,70	2700	99,99995	180	650
U16	305 x 305 x 292	4,20	450	99,99995	180	650
U16	457 x 457 x 292	10,00	1000	99,99995	180	650
U16	305 x 610 x 292	9,00	900	99,99995	180	650
U16	610 x 610 x 292	18,00	1800	99,99995	180	650

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

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