

HEPA FİLTRE (Alüminyum Çerçeve) / HEPA FILTER (Aluminum Frame)

Uygulamalar

- Temiz odalar ve LAF üniteleri için son kademe filtre
- İlaç Fabrikaları
- Hastane
- Mikroelektronik
- Gıda

Özellikler

- Yüksek kalite cam elyaf medya
- Sızdırmazlık garantili
- Bireysel test sertifikası (EN 1822 – ISO 29463'e göre)
- Optimum hava hız dağılımı
- Düşük enerji tüketimi
- HEPA Kutuları ve kabinleri için uygundur

Applications

- Final filter for cleanrooms and LAF Units
- Life science
- Healthcare
- Microelectronics
- Food & Beverages

Highlights

- High quality glass fiber media
- Guaranteed leak free
- Individual test certificate (acc. to EN 1822 - ISO 29463)
- Optimized velocity distribution
- Less energy consumption
- Suitable for HEPA Boxes and Cabinets



Filter Standard:

EN 1822 and ISO 29463

Max. Operating Temperature:

80°C

Filter Class:

H13 - H14

Faceguard:

Aluminium sheet (powder coated)

Media:

High quality glass fiber

Gasket:

EPDM flat, EPDM flat continuous and PU foam

Frame:

Anodized extruded aluminium

Sealing Compound:

Two component polyurethane

Rec. Final Pressure Drop:

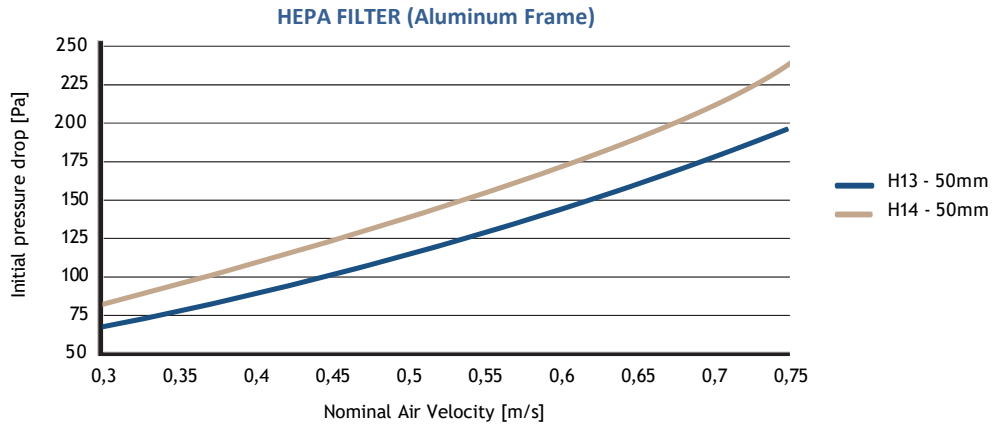
Initial pressure drop x2,
(max. 600 Pa)

Separator:

Hotmelt

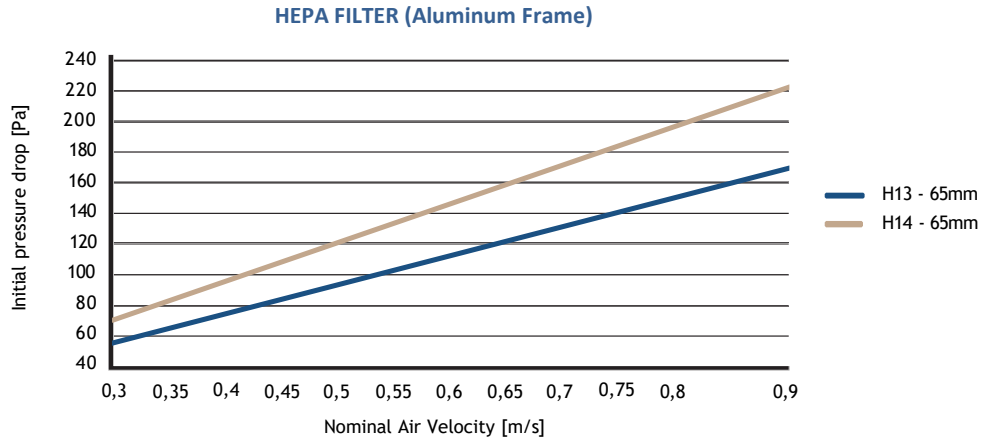
| Filter Class | | Dimensions WxHxD (mm) | Filtration Area (m ²) | Pleat Height (mm) | Nominal Airflow (m ³ /h) | Initial Pressure Drop (Pa) |
|--------------|-----------|-----------------------------|---|-------------------------|---|----------------------------------|
| EN 1822 | ISO 29463 | | | | | |
| H13 | ISO 35 H | 305x305x66 | 2,3 | 50 | 150 | 100 |
| H13 | ISO 35 H | 305x610x66 | 4,5 | 50 | 300 | 100 |
| H13 | ISO 35 H | 457x457x66 | 5 | 50 | 340 | 100 |
| H13 | ISO 35 H | 610x610x66 | 9 | 50 | 600 | 100 |
| H13 | ISO 35 H | 610x915x66 | 13,5 | 50 | 900 | 100 |
| H13 | ISO 35 H | 610x1220x66 | 18 | 50 | 1200 | 100 |
| H13 | ISO 35 H | 762x915x66 | 16,9 | 50 | 1130 | 100 |
| H13 | ISO 35 H | 915x915x66 | 20,3 | 50 | 1350 | 100 |
| H13 | ISO 35 H | 610x1525x66 | 22,5 | 50 | 1500 | 100 |
| H13 | ISO 35 H | 610x1830x66 | 27 | 50 | 1800 | 100 |
| H14 | ISO 45 H | 305x305x66 | 2,4 | 50 | 150 | 125 |
| H14 | ISO 45 H | 305x610x66 | 4,7 | 50 | 300 | 125 |
| H14 | ISO 45 H | 457x457x66 | 5,3 | 50 | 340 | 125 |
| H14 | ISO 45 H | 610x610x66 | 9,4 | 50 | 600 | 125 |
| H14 | ISO 45 H | 610x915x66 | 14 | 50 | 900 | 125 |
| H14 | ISO 45 H | 610x1220x66 | 18,8 | 50 | 1200 | 125 |
| H14 | ISO 45 H | 762x915x66 | 17,6 | 50 | 1130 | 125 |
| H14 | ISO 45 H | 915x915x66 | 21,2 | 50 | 1350 | 125 |
| H14 | ISO 45 H | 610x1525x66 | 23,5 | 50 | 1500 | 125 |
| H14 | ISO 45 H | 610x1830x66 | 28,2 | 50 | 1800 | 125 |

“Other dimensions are available on request”
“Differential Pressure Tolerance ±10%”



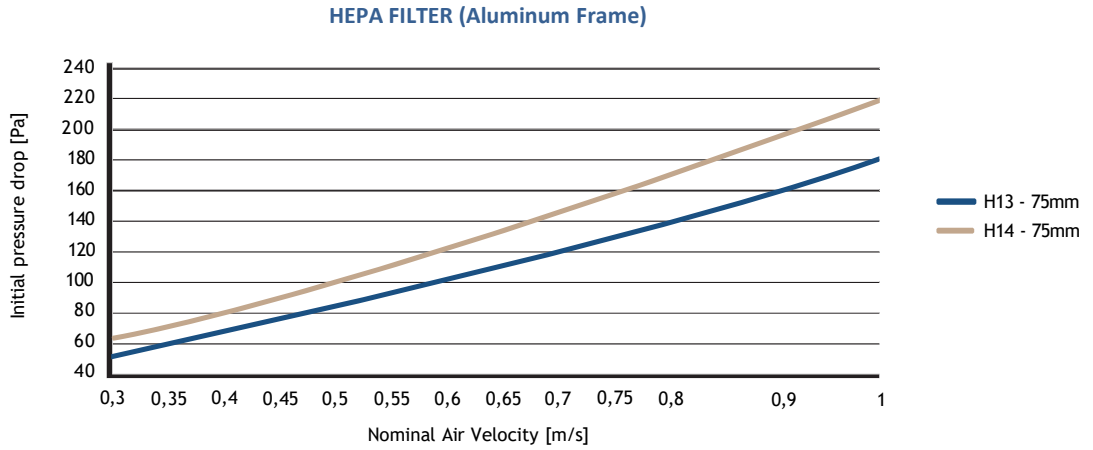
| Filter Class | | Dimensions WxHxD (mm) | Filtration Area (m ²) | Pleat Height (mm) | Nominal Airflow (m ³ /h) | Initial Pressure Drop (Pa) |
|--------------|-----------|-----------------------------|---|-------------------------|---|----------------------------------|
| EN 1822 | ISO 29463 | | | | | |
| H13 | ISO 35 H | 305x305x90 | 2,9 | 65 | 150 | 85 |
| H13 | ISO 35 H | 305x610x90 | 5,8 | 65 | 300 | 85 |
| H13 | ISO 35 H | 457x457x90 | 6,6 | 65 | 340 | 85 |
| H13 | ISO 35 H | 610x610x90 | 11,7 | 65 | 600 | 85 |
| H13 | ISO 35 H | 610x915x90 | 17,5 | 65 | 900 | 85 |
| H13 | ISO 35 H | 610x1220x90 | 23,4 | 65 | 1200 | 85 |
| H14 | ISO 45 H | 305x305x90 | 3 | 65 | 150 | 110 |
| H14 | ISO 45 H | 305x610x90 | 6 | 65 | 300 | 110 |
| H14 | ISO 45 H | 457x457x90 | 6,9 | 65 | 340 | 110 |
| H14 | ISO 45 H | 610x610x90 | 12,2 | 65 | 600 | 110 |
| H14 | ISO 45 H | 610x915x90 | 18,3 | 65 | 900 | 110 |
| H14 | ISO 45 H | 610x1220x90 | 23,4 | 65 | 1200 | 110 |

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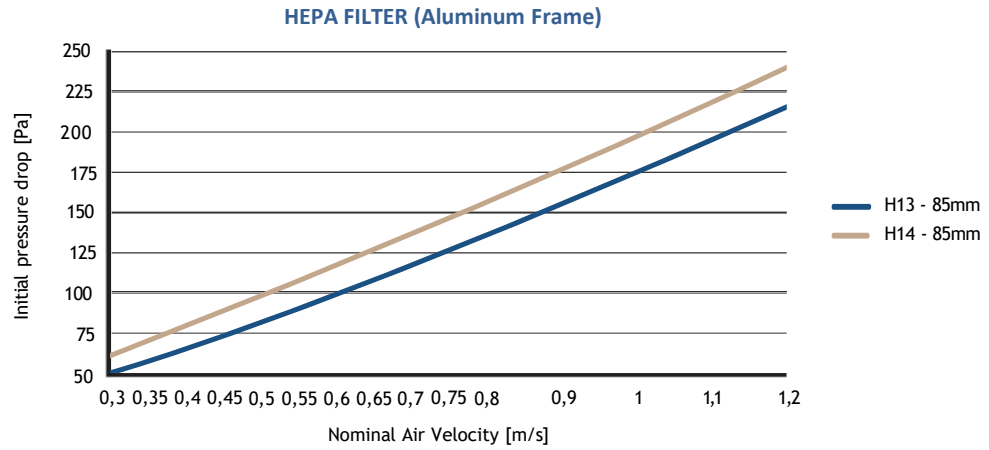
| Filter Class | | Dimensions WxHxD (mm) | Filtration Area (m ²) | Pleat Height (mm) | Nominal Airflow (m ³ /h) | Initial Pressure Drop (Pa) |
|--------------|-----------|-----------------------------|---|-------------------------|---|----------------------------------|
| EN 1822 | ISO 29463 | | | | | |
| H13 | ISO 35 H | 305x305x100 | 3,4 | 75 | 150 | 75 |
| H13 | ISO 35 H | 305x610x100 | 6,8 | 75 | 300 | 75 |
| H13 | ISO 35 H | 457x457x100 | 7,6 | 75 | 340 | 75 |
| H13 | ISO 35 H | 610x610x100 | 13,5 | 75 | 600 | 75 |
| H13 | ISO 35 H | 610x915x100 | 20,3 | 75 | 900 | 75 |
| H13 | ISO 35 H | 610x1220x100 | 27 | 75 | 1200 | 75 |
| H14 | ISO 45 H | 305x305x100 | 3,5 | 75 | 150 | 90 |
| H14 | ISO 45 H | 305x610x100 | 7 | 75 | 300 | 90 |
| H14 | ISO 45 H | 457x457x100 | 7,9 | 75 | 340 | 90 |
| H14 | ISO 45 H | 610x610x100 | 14 | 75 | 600 | 90 |
| H14 | ISO 45 H | 610x915x100 | 21,2 | 75 | 900 | 90 |
| H14 | ISO 45 H | 610x1220x100 | 28,2 | 75 | 1200 | 90 |

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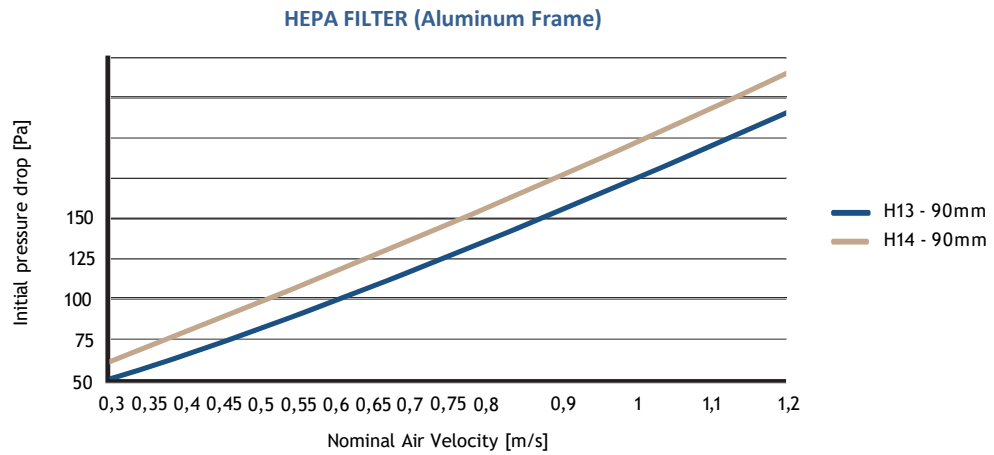
| Filter Class | | Dimensions WxHxD (mm) | Filtration Area (m ²) | Pleat Height (mm) | Nominal Airflow (m ³ /h) | Initial Pressure Drop (Pa) |
|--------------|-----------|-----------------------------|---|-------------------------|---|----------------------------------|
| EN 1822 | ISO 29463 | | | | | |
| H13 | ISO 35 H | 305x305x110 | 3,8 | 85 | 150 | 70 |
| H13 | ISO 35 H | 305x610x110 | 7,6 | 85 | 300 | 70 |
| H13 | ISO 35 H | 457x457x110 | 8,6 | 85 | 340 | 70 |
| H13 | ISO 35 H | 610x610x110 | 15,3 | 85 | 600 | 70 |
| H13 | ISO 35 H | 610x915x110 | 22,9 | 85 | 900 | 70 |
| H13 | ISO 35 H | 610x1220x110 | 30,6 | 85 | 1200 | 70 |
| H14 | ISO 45 H | 305x305x110 | 4 | 85 | 150 | 85 |
| H13 | ISO 45 H | 305x610x110 | 8 | 85 | 300 | 85 |
| H14 | ISO 45 H | 457x457x110 | 9 | 85 | 340 | 85 |
| H14 | ISO 45 H | 610x610x110 | 16 | 85 | 600 | 85 |
| H14 | ISO 45 H | 610x915x110 | 24 | 85 | 900 | 85 |
| H14 | ISO 45 H | 610x1220x110 | 32 | 85 | 1200 | 85 |

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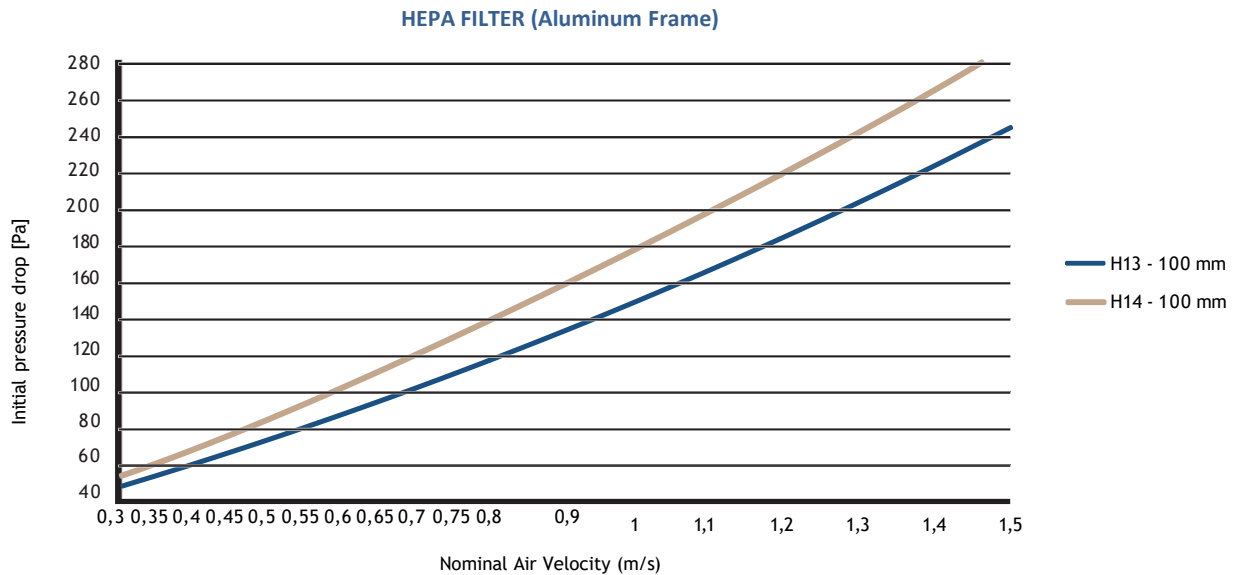
| Filter Class | | Dimensions WxHxD (mm) | Filtration Area (m ²) | Pleat Height (mm) | Nominal Airflow (m ³ /h) | Initial Pressure Drop (Pa) |
|--------------|-----------|-----------------------------|---|-------------------------|---|----------------------------------|
| EN 1822 | ISO 29463 | | | | | |
| H13 | ISO 35 H | 305x305x117 | 3,8 | 90 | 150 | 70 |
| H13 | ISO 35 H | 305x610x117 | 7,6 | 90 | 300 | 70 |
| H13 | ISO 35 H | 457x457x117 | 8,6 | 90 | 340 | 70 |
| H13 | ISO 35 H | 610x610x117 | 15,3 | 90 | 600 | 70 |
| H13 | ISO 35 H | 610x915x117 | 22,9 | 90 | 900 | 70 |
| H13 | ISO 35 H | 610x1220x117 | 30,6 | 90 | 1200 | 70 |
| H14 | ISO 45 H | 305x305x117 | 4 | 90 | 150 | 85 |
| H14 | ISO 45 H | 305x610x117 | 8 | 90 | 300 | 85 |
| H14 | ISO 45 H | 457x457x117 | 9 | 90 | 340 | 85 |
| H14 | ISO 45 H | 610x610x117 | 16 | 90 | 600 | 85 |
| H14 | ISO 45 H | 610x915x117 | 24 | 90 | 900 | 85 |
| H14 | ISO 45 H | 610x1220x117 | 32 | 90 | 1200 | 85 |

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| Filter Class | | Dimensions WxHxD (mm) | Filtration Area (m ²) | Pleat Height (mm) | Nominal Airflow (m ³ /h) | Initial Pressure Drop (Pa) |
|--------------|-----------|-----------------------------|---|-------------------------|---|----------------------------------|
| EN 1822 | ISO 29463 | | | | | |
| H13 | ISO 35 H | 305x305x125 | 4,5 | 100 | 150 | 65 |
| H13 | ISO 35 H | 305x610x125 | 9 | 100 | 300 | 65 |
| H13 | ISO 35 H | 457x457x125 | 10 | 100 | 340 | 65 |
| H13 | ISO 35 H | 610x610x125 | 18 | 100 | 600 | 65 |
| H13 | ISO 35 H | 610x915x125 | 27 | 100 | 900 | 65 |
| H13 | ISO 35 H | 610x1220x125 | 36 | 100 | 1200 | 65 |
| H14 | ISO 45 H | 305x305x125 | 4,7 | 100 | 150 | 80 |
| H14 | ISO 45 H | 305x610x125 | 9,4 | 100 | 300 | 80 |
| H14 | ISO 45 H | 457x457x125 | 10,5 | 100 | 340 | 80 |
| H14 | ISO 45 H | 610x610x125 | 18,8 | 100 | 600 | 80 |
| H14 | ISO 45 H | 610x915x125 | 28,2 | 100 | 900 | 80 |
| H14 | ISO 45 H | 610x1220x125 | 37,6 | 100 | 1200 | 80 |

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| Filter Class | | Dimensions WxHxD (mm) | Filtration Area (m ²) | Pleat Height (mm) | Nominal Airflow (m ³ /h) | Initial Pressure Drop (Pa) |
|--------------|-----------|-----------------------------|---|-------------------------|---|----------------------------------|
| EN 1822 | ISO 29463 | | | | | |
| H13 | ISO 35 H | 305x305x150 | 5,6 | 125 | 150 | 55 |
| H13 | ISO 35 H | 305x610x150 | 11,3 | 125 | 300 | 55 |
| H13 | ISO 35 H | 457x457x150 | 12,6 | 125 | 340 | 55 |
| H13 | ISO 35 H | 610x610x150 | 22,5 | 125 | 600 | 55 |
| H13 | ISO 35 H | 610x915x150 | 33,8 | 125 | 900 | 55 |
| H13 | ISO 35 H | 610x1220x150 | 45 | 125 | 1200 | 55 |
| H14 | ISO 45 H | 305x305x150 | 5,9 | 125 | 150 | 70 |
| H14 | ISO 45 H | 305x610x150 | 11,8 | 125 | 300 | 70 |
| H14 | ISO 45 H | 457x457x150 | 13,2 | 125 | 340 | 70 |
| H14 | ISO 45 H | 610x610x150 | 23,5 | 125 | 600 | 70 |
| H14 | ISO 45 H | 610x915x150 | 35,3 | 125 | 900 | 70 |
| H14 | ISO 45 H | 610x1220x150 | 47 | 125 | 1200 | 70 |

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