

Application

HEPA Filters are used in situations requiring high or very high levels air purity. Typical applications can be found in hospitals, microelectronics, medicine, chemistry, pharmacy, microbiology, laboratories and food industry.

Advantages

- For laminar flows
- Large filter surface
- Low pressure drop, reduced energy consumption
- Optimise velocity distribution
- Guaranteed leak-free
- Mechanically stable
- Minimum risk of damage
- One piece, no leak gasket

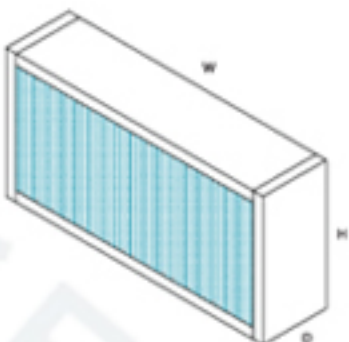


HEPA FILTERS Hepafil 150

Properties

FILTER CLASS (EN1822)	H10	H13	H14	U15
Global Efficiency % for MPPS	≥ 95 %	≥ 99,95 %	≥ 99,995 %	≥ 99,9995%
Local Efficiency % for MPPS	-	99.75%	99.975%	99.9975%
Recommended Final Pressure Drop	600 Pa	600 Pa	600 Pa	600 Pa
Max. Final Pressure Drop	1000 Pa	1000 Pa	1000 Pa	1000 Pa
Continuous Temperature Resistance	80°C	80°C	80°C	80°C
Max. Relative Humidity Resistance	100%	100%	100%	100%
Frame	Aluminium and MDF			
Face Guard	Epoxy painted expanded aluminium grids on both sides			
Gasket	One piece foamed polyurethane			
Fire Resistance Class	K1 / F1 according to DIN 53438			
Filter Stage	III			
TESTING	Each filter individually tested according to EN 1822			

For MDF Frame one and two side with protective grids optional



Code/Dimensions WxHxD	Width mm	Height mm	Depth mm	Air Flow m³/h	Initial Pressure Drop Pa	Filtering Surface m²
HF-ARN-305x305x149-H10	305	305	150	230	150	3.7
HF-ARN-457x457x149-H10	457	457	150	550	150	8.4
HF-ARN-305x610x149-H10	305	610	150	500	150	7.4
HF-ARN-610x610x149-H10	610	610	150	1000	150	14.9
HF-ARL-305x305x149-H10	305	305	150	300	150	4.2
HF-ARL-457x457x149-H10	457	457	150	660	150	9.4
HF-ARL-305x610x149-H10	305	610	150	600	150	8.3
HF-ARL-610x610x149-H10	610	610	150	1200	150	16.5
HF-ARN-305x305x149-H13	305	305	150	230	250	3.7
HF-ARN-457x457x149-H13	457	457	150	550	250	8.4
HF-ARN-305x610x149-H13	305	610	150	500	250	7.4
HF-ARN-610x610x149-H13	610	610	150	1000	250	14.9
HF-ARL-305x305x149-H13	305	305	150	300	250	4.2
HF-ARL-457x457x149-H13	457	457	150	660	250	9.4
HF-ARL-305x610x149-H13	305	610	150	600	250	8.3
HF-ARL-610x610x149-H13	610	610	150	1200	250	16.5
HF-ARN-305x305x149-H14	305	305	150	230	275	3.7
HF-ARN-457x457x149-H14	457	457	150	550	275	8.4
HF-ARN-305x610x149-H14	305	610	150	500	275	7.4
HF-ARN-610x610x149-H14	610	610	150	1000	275	14.9
HF-ARL-305x305x149-H14	305	305	150	300	275	4.2
HF-ARL-457x457x149-H14	457	457	150	660	275	9.4
HF-ARL-305x610x149-H14	305	610	150	600	275	8.3
HF-ARL-610x610x149-H14	610	610	150	1200	275	16.5

PRODUCTCODE
H F • A R L • w/h/d • H 13

Filter Model HF-HEPA FILTER	Frame Type MANG Aluminium	Filter Media R-Micro Glass	Frame Depth N 75mm L 100mm	Dimensions 610x610x100mm	Efficiency H10, H13, H14, U15
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