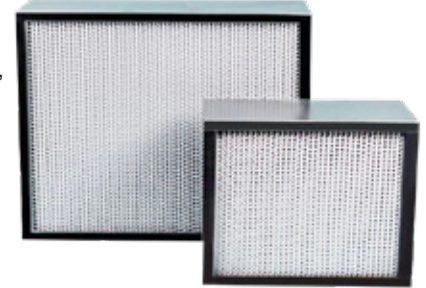


Deep Pleated Hepa Filters

Product Features

Used for primary filtration in cleanroom fresh air conditioning systems, terminal filtration at air supply outlets of dust-free workshops, and high-efficiency air supply outlets. Widely applied in electronics, optics, semiconductors, surface treatment, painting, chemical, biopharmaceuticals, hospitals, automotive industries, and more.

1. Low resistance, high dust-holding capacity, uniform air velocity distribution, high efficiency (primarily captures particles $\geq 0.3\mu\text{m}$ and $\geq 0.5\mu\text{m}$).
2. Corrugated aluminum foil or paper separators precisely maintain pleat spacing, maximizing filter media utilization at minimal resistance: Aluminum foil thickness: 0.03mm Corrugation height: 4mm. Ensures optimal filter media area and product quality.
3. Thickness options (mm): 80, 96, 120, 150, 220, 292, 305. Custom sizes available.



Technical Index

Grade: M6, F7, F8, F9, H10, H13, H14

MERV11, MERV12, MERV13, MERV14, MERV15, MERV16-19

Moisture resistance: 100% RH Heat-Resistant: 80°C

Filter object: $\geq 0.5\mu\text{m}$, $\geq 0.3\mu\text{m}$

Filtration Efficiency: 99%, 99.9%, 99.999%, 99.9999%, 99.99999% (ASHRAE 52.1-1992)

Instantaneous Temperature Resistance: $\leq 100^\circ\text{C}$

Material characteristics

Filter media: High-density paper made with ultra-fine glass fiber.

Frame: Galvanized steel, aluminum, or ABS plastic.

Sealant: PU two-component polyurethane glue.

Sealing Strip: Polyurethane foam EVA.

Separator: Double-glued corrugated paper (50°C) Aluminum foil (150°C)

Technical Parameter

Grade	Dimensions (mm) W*H* D	Initial Resistance (Pa)	Final Resistance (Pa)	Rated Air Flow (m ³ /h)	Media area(m ²)	Wind Velocity Test (m/s)
M6	320*320*150	90	300	450	2.59	1.2
M6	484*484*220	90	300	1700	9.46	2.0
M6	305*610*292	90	300	1700	10.52	2.5
M6	610*610*292	90	300	3400	21.25	2.5
F7	320*320*150	130	300	450	2.59	1.2
F7	484*484*220	130	300	1700	9.46	2.0
F7	305*610*292	130	300	1700	10.52	2.5
F7	610*610*292	130	300	3400	21.25	2.5
F8	320*320*150	140	300	450	2.59	1.2
F8	484*484*220	140	300	1700	9.46	2.0
F8	305*610*292	140	300	1700	10.52	2.5
F8	610*610*292	140	300	3400	21.25	2.5
F9	320*320*150	150	300	450	2.59	1.2
F9	484*484*220	150	300	1700	9.46	2.0
F9	305*610*292	150	300	1700	10.52	2.5
F9	610*610*292	150	300	3400	21.25	2.5
H10	320*320*150	180	400	450	2.59	1.2
H10	484*484*220	180	400	1700	9.46	2.0
H10	305*610*292	180	400	1700	10.52	2.5
H10	610*610*292	180	400	3400	21.25	2.5
H13	320*320*150	250	500	450	2.59	1.0
H13	484*484*220	250	500	1700	9.46	1.5
H13	305*610*292	250	500	1700	10.52	2.5
H13	610*610*292	250	500	3400	21.25	2.5
H14	320*320*150	280	500	450	2.59	1.0
H14	484*484*220	280	500	1700	9.46	1.5
H14	305*610*292	280	500	1700	10.52	2.5
H14	610*610*292	280	500	3400	21.25	2.5

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