

V-bank Filter in Plastic Frame

KV-B

Medium/
Sub-HEPA

Adaptive Efficiency: F5, F6, F7, F8, F9, H10, H11, H12

Product Features

- ◎ 100% tested before delivery

◎ Able to sustain big air volume

◎ Special V type structure, reduce structural resistance

◎ Available with installation flange, more convenience to install
- ◎ Good sealing

◎ Big filtration area, air flow, high efficiency

Application

- 1.Aviation, electronic, semiconductor, wafer, biological pharmaceutical, hospital, food processing and other high clean class occasions.
- 2.Used as the front filtration level for HEPA filter

Material and Operation Conditions

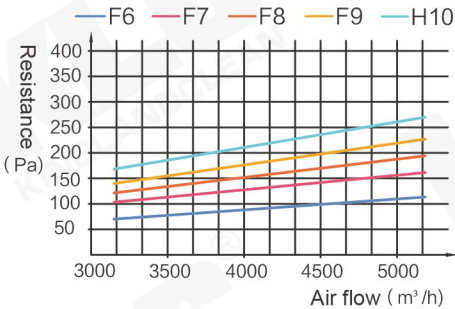
Media	Micro glass fiber/ activated carbon granule/ PP
Frame	Plastic (ABS+PVC)
Sealant	PU polyurethane
Gasket	/ EVA / EPDM
Separator	Hot meld bead
Optional frame thickness	292 400
Max. Temperature	70 C
Max. Humidity	100%

Technology Parameters

Model No.	Size(mm) (HxWxD)	Air flow/Initial resistance (m³/h)/(Pa)	Media area (m²)	Velocity (m/s)	Air flow/Initial resistance at different velocity (m³/h)/(Pa)			Efficiency (EN779)	Media (Pcs)
KV-B-001	287*287*292	750/75	4.58	2.53	600/60	750/75	900/90	F6	4
KV-B-002	490*287*292	1300/75	8.13	2.57	1050/60	1300/75	1550/90	F6	4
KV-B-003	592*287*292	1600/75	9.91	2.62	1300/60	1600/75	1900/90	F6	4
KV-B-004	287*490*292	1100/75	6.87	2.17	900/60	1100/75	1300/90	F6	6
KV-B-005	490*490*292	2000/75	12.20	2.31	1600/60	2000/75	2400/90	F6	6
KV-B-006	592*490*292	2400/75	14.87	2.30	1900/60	2400/75	2900/90	F6	6
KV-B-007	287*592*292	1650/75	9.16	2.70	1300/60	1650/75	2000/90	F6	8
KV-B-008	490*592*292	2650/75	16.26	2.68	2250/60	2800/75	3400/90	F6	8
KV-B-009	592*592*292	3400/75	19.83	2.69	2700/60	3400/75	4100/90	F6	8
KV-B-010	287*287*292	750/110	4.58	2.53	600/90	750/110	900/130	F7	4
KV-B-011	490*287*292	1300/110	8.13	2.57	1050/90	1300/110	1550/130	F7	4
KV-B-012	592*287*292	1600/110	9.91	2.62	1300/90	1600/110	1900/130	F7	4
KV-B-013	287*490*292	1100/110	6.87	2.17	900/90	1100/110	1300/130	F7	6
KV-B-014	490*490*292	2000/110	12.20	2.31	1600/90	2000/110	2400/130	F7	6
KV-B-015	592*490*292	2400/110	14.87	2.30	1900/90	2400/110	2900/130	F7	6
KV-B-016	287*592*292	1650/110	9.16	2.70	1300/90	1650/110	2000/130	F7	8
KV-B-017	490*592*292	2650/110	16.26	2.68	2250/90	2800/110	3400/130	F7	8
KV-B-018	592*592*292	3400/110	19.83	2.69	2700/90	3400/110	4100/130	F7	8



Air Flow & Resistance Diagram
592*592* 292-4V



Model No.	Size(mm) (HxWxD)	Air flow/Initial resistance (m³/h)/(Pa)	Media area (m²)	Velocity (m/s)	Air flow/Initial resistance at different velocity (m³/h)/(Pa)			Efficiency (EN779)	Media (Pcs)
KV-B-019	287*287*292	750/130	4.58	2.53	600/105	750/130	900/155	F8	4
KV-B-020	490*287*292	1300/130	8.13	2.57	1050/105	1300/130	1550/155	F8	4
KV-B-021	592*287*292	1600/130	9.91	2.62	1300/105	1600/130	1900/155	F8	4
KV-B-022	287*490*292	1100/130	6.87	2.17	900/105	1100/130	1300/155	F8	6
KV-B-023	490*490*292	2000/130	12.20	2.31	1600/105	2000/130	2400/155	F8	6
KV-B-024	592*490*292	2400/130	14.87	2.30	1900/105	2400/130	2900/155	F8	6
KV-B-025	287*592*292	1650/130	9.16	2.70	1300/105	1650/130	2000/155	F8	8
KV-B-026	490*592*292	2650/130	16.26	2.68	2250/105	2800/130	3400/155	F8	8
KV-B-027	592*592*292	3400/130	19.83	2.69	2700/105	3400/130	4100/155	F8	8
KV-B-028	287*287*292	750/150	4.58	2.53	600/120	750/150	900/180	F9	4
KV-B-029	490*287*292	1300/150	8.13	2.57	1050/120	1300/150	1550/180	F9	4
KV-B-030	592*287*292	1600/150	9.91	2.62	1300/120	1600/150	1900/180	F9	4
KV-B-031	287*490*292	1100/150	6.87	2.17	900/120	1100/150	1300/180	F9	6
KV-B-032	490*490*292	2000/150	12.20	2.31	1600/120	2000/150	2400/180	F9	6
KV-B-033	592*490*292	2400/150	14.87	2.30	1900/120	2400/150	2900/180	F9	6
KV-B-034	287*592*292	1650/150	9.16	2.70	1300/120	1650/150	2000/180	F9	8
KV-B-035	490*592*292	2650/150	16.26	2.68	2250/120	2650/150	3400/180	F9	8
KV-B-036	592*592*292	3400/150	19.83	2.69	2700/120	3400/150	4100/180	F9	8
KV-B-037	287*287*292	750/180	4.58	2.53	600/145	750/180	900/215	H10	4
KV-B-038	490*287*292	1300/180	8.13	2.57	1050/145	1300/180	1550/215	H10	4
KV-B-039	592*287*292	1600/180	9.91	2.62	1300/145	1600/180	1900/215	H10	4
KV-B-040	287*490*292	1100/180	6.87	2.17	900/145	1100/180	1300/215	H10	6
KV-B-041	490*490*292	2000/180	12.20	2.31	1600/145	2000/180	2400/215	H10	6
KV-B-042	592*490*292	2400/180	14.87	2.30	1900/145	2400/180	2900/215	H10	6
KV-B-043	287*592*292	1650/180	9.16	2.70	1300/145	1650/180	2000/215	H10	8
KV-B-044	490*592*292	2650/180	16.26	2.68	2250/145	2650/180	3400/215	H10	8
KV-B-045	592*592*292	3400/180	19.83	2.69	2700/145	3400/180	4100/215	H10	8

1.Apart from the above standard sizes, customized size and efficiency are available.(F5, F6, F7, F8, F9, H10, H11, H12).

2.Deviation range for resistance is ±15%.

3.The above parameters are based on imported media.