

SHINKO MULTI - BAG SYNTHETIC FILTER

POCKET FILTERS / BAG FILTERS | SYNTHETIC MEDIA FILTERS



SPECIFICATIONS	
Type	Multi Pocket / Bag Filter
Filter Grades (EN 779:2009)	M5,M6, F7, F8, F9
Filter Grades (As per ASHRAE 52.2)	MERV 10, MERV 12, MERV 13, MERV 14, MERV 15
Filter Media	Synthetic
Dimensions	Filter Front Dimensions According to EN 15805
Frame	GI / SS / Al / Polystyrene Plastic (20 / 25 MM Header Configurations Available)
Maximum Humidity	100%
Maximum Temperature	80 °C
Recommended Final Pressure Drop	1.00" WG
Maximum Pressure Drop	1.80" WG
Flammability	UL Classified
Mounting Options	Front and Side Access Frames and Housings are Available

Applications

- Hospital
- Biomedical
- Pharmaceutical units
- Chemical Processing units
- Computer Rooms
- Airports
- Laboratories
- Food processing
- Museums
- Optical and Electronic Facilities

Features & Benefits

- SHINKO Multi Bag Filters uses high dense melt blown media with high dust holding capacity.
- High-Loft, Multi Layered Media is non – shedding, water resistant and improves performance.
- Ultrasonically – welded pocket arrangement that guarantees optimum media utilization and eliminates crowding or leakage.
- Robust metal header frame ensures quick and easy mounting
- Utilizes Tapered Bag Design for ensuring optimum performance
- Flawless Performance even during temporary overload options ensuring high clean air quality
- Available with Anti-Microbial

MODEL IDENTIFICATION

SMBF - 610 x 610 x 534 - (M5/M6/F7/F8/F9) - 6

- S – SHINKO
- MBSF – MULTI BAG SYNTHETIC FILTER
- 610x610x534 – Width x Height x Depth
- M5/M6/F7/F8/F9 – Grade
- 6 – Number of Pockets



SHINKO PRODUCT | TECHNICAL DATA SHEET

SELECTION CHART

Model Reference	Dimensions (mm)			No. of Pockets	AIRFLOW (CFM)			Initial Resistance to Airflow(Inches W.G)									Media Area (Sq.m.)
					Low	Medium	High	98%/F9/MERV15			95%/F8/MERV14			85%/F7/MERV13			
	CP9							CP8			CP7						
	Width	Height	Depth					Low	Medium	High	Low	Medium	High	Low	Medium	High	
SMBF-610x610x915 -(F7/F8/F9)-10	610	610	915	10	2000	2500	3000	0.41	0.52	0.63	0.35	0.43	0.52	0.27	0.34	0.41	10.85
SMBF-610x610x762 -(F7/F8/F9)-10	610	610	762	10	2000	2400	2800	0.47	0.56	0.68	0.41	0.49	0.58	0.33	0.40	0.47	9.10
SMBF-610x610x762 -(F7/F8/F9)-8	610	610	762	8	1800	2000	2200	0.46	0.51	0.57	0.39	0.44	0.49	0.28	0.36	0.48	7.21
SMBF-610x610x660 -(F7/F8/F9)-10	610	610	660	10	1800	2000	2400	0.42	0.50	0.62	0.38	0.43	0.51	0.30	0.34	0.40	7.81
SMBF-610x610x610 -(F7/F8/F9)-10	610	610	610	10	1750	2000	2400	0.43	0.53	0.65	0.40	0.46	0.55	0.31	0.36	0.43	7.20
SMBF-610x610x610 -(F7/F8/F9)-8	610	610	610	8	1400	2000	2400	0.40	0.56	0.67	0.35	0.50	0.60	0.28	0.40	0.48	5.70
SMBF-610x610x610 -(F7/F8/F9)-6	610	610	610	6	1400	1800	2000	0.43	0.56	0.63	0.38	0.50	0.55	0.31	0.41	0.46	4.30
SMBF-610x610x560 -(F7/F8/F9)-10	610	610	560	10	1750	2000	2250	0.56	0.64	0.72	0.51	0.59	0.67	0.42	0.48	0.54	6.52
SMBF-610x610x560 -(F7/F8/F9)-8	610	610	560	8	1500	1750	2000	0.48	0.57	0.66	0.44	0.52	0.60	0.35	0.40	0.49	5.20
SMBF-610x610x560 -(F7/F8/F9)-6	610	610	560	6	1500	1750	2000	0.55	0.65	0.75	0.48	0.56	0.65	0.39	0.46	0.54	3.90
SMBF-305x610x560 -(F7/F8/F9)-3	305	610	560	3	750	875	1000	0.55	0.65	0.75	0.48	0.56	0.65	0.39	0.46	0.54	2.00
SMBF-610x610x534 -(F7/F8/F9)-8	610	610	534	8	1500	1750	2000	0.49	0.58	0.67	0.45	0.53	0.61	0.37	0.43	0.50	5.10
SMBF-610x610x534 -(F7/F8/F9)-6	610	610	534	6	1500	1750	2000	0.56	0.66	0.76	0.50	0.59	0.68	0.44	0.52	0.60	3.80
SMBF-610x610x508 -(F7/F8/F9)-10	610	610	508	10	1500	2000	2200	0.51	0.69	0.77	0.46	0.62	0.69	0.41	0.54	0.61	6.00
SMBF-610x610x508 -(F7/F8/F9)-8	610	610	508	8	1500	1750	2000	0.52	0.61	0.70	0.47	0.55	0.63	0.36	0.48	0.55	4.80
SMBF-610x610x508 -(F7/F8/F9)-6	610	610	508	6	1500	1750	2000	0.59	0.69	0.79	0.52	0.61	0.70	0.46	0.54	0.62	3.60
SMBF-305x610x508 -(F7/F8/F9)-3	305	610	508	3	750	875	1000	0.59	0.69	0.79	0.52	0.61	0.70	0.46	0.54	0.62	1.90
SMBF-610x610x458 -(F7/F8/F9)-8	610	610	458	8	1500	1750	2000	0.61	0.70	0.80	0.54	0.63	0.72	0.42	0.56	0.65	4.33
SMBF-610x610x458 -(F7/F8/F9)-6	610	610	458	6	1500	1750	2000	0.68	0.77	0.88	0.59	0.69	0.79	0.53	0.62	0.71	3.25
SMBF-610x610x380 -(F7/F8/F9)-10	610	610	380	10	1350	1500	2000	0.59	0.66	0.88	0.50	0.56	0.75	0.44	0.49	0.66	4.52
SMBF-610x610x380 -(F7/F8/F9)-8	610	610	380	8	1250	1500	2000	0.57	0.69	0.92	0.48	0.58	0.78	0.43	0.52	0.70	3.60

All Grades and all sizes are available upon request. Please contact factory for more details.



SHINKO PRODUCT | TECHNICAL DATA SHEET

SELECTION CHART

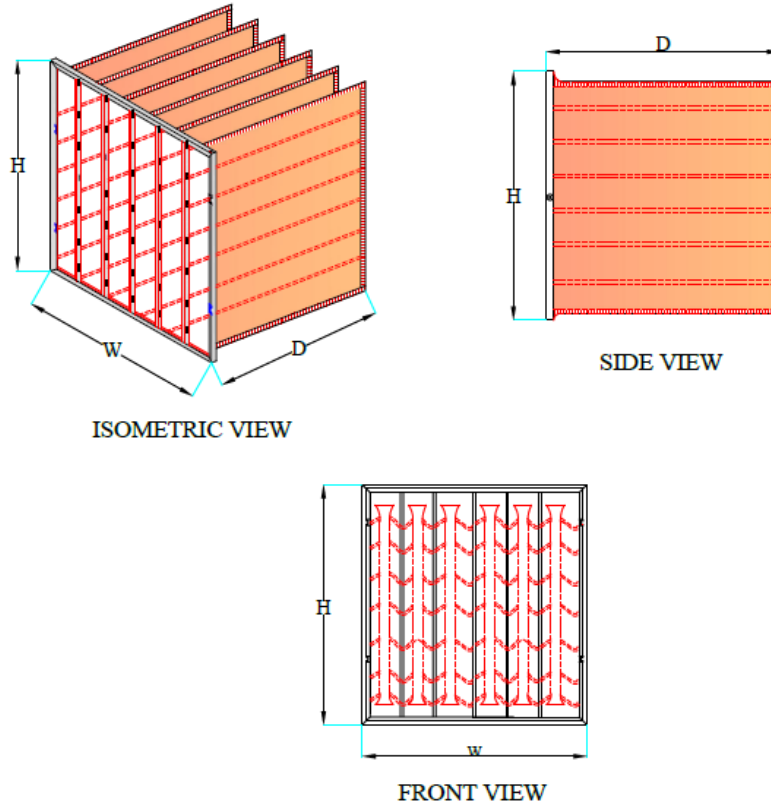
SELECTION CHART														
Model Reference	Dimensions (mm)			No. of Pockets	AIRFLOW (CFM)			Initial Resistance to Airflow(Inches W.G)						Media Area (Sq.m.)
					Low	Medium	High	65%/F6/MERV11			50%/F5/MERV10			
	CP6							CP5						
	Width	Height	Depth					Low	Medium	High	Low	Medium	High	
SMBF-610x610x915-(M5/M6)-10	610	610	915	10	2000	2500	3000	0.25	0.31	0.38	*	*	*	10.85
SMBF-610x610x762-(M5/M6)-10	610	610	762	10	2000	2400	2800	0.29	0.34	0.40	*	*	*	9.10
SMBF-610x610x762-(M5/M6)-8	610	610	762	8	1800	2000	2200	0.28	0.32	0.35	*	*	*	7.21
SMBF-610x610x660-(M5/M6)-10	610	610	660	10	1800	2000	2400	0.27	0.30	0.36	0.17	0.19	0.22	7.81
SMBF-610x610x610-(M5/M6)-10	610	610	610	10	1750	2000	2400	0.28	0.32	0.38	0.20	0.22	0.26	7.20
SMBF-610x610x610-(M5/M6)-8	610	610	610	8	1400	2000	2400	0.24	0.35	0.42	0.17	0.24	0.28	5.70
SMBF-610x610x610-(M5/M6)-6	610	610	610	6	1400	1800	2000	0.28	0.37	0.42	0.14	0.20	0.26	4.30
SMBF-610x610x560-(M5/M6)-10	610	610	560	10	1750	2000	2250	0.35	0.40	0.46	0.20	0.23	0.26	6.52
SMBF-610x610x560-(M5/M6)-8	610	610	560	8	1500	1750	2000	0.29	0.34	0.40	0.17	0.21	0.25	5.20
SMBF-610x610x560-(M5/M6)-6	610	610	560	6	1500	1750	2000	0.36	0.42	0.48	0.23	0.27	0.31	3.90
SMBF-305x610x560-(M5/M6)-3	305	610	560	3	750	875	1000	0.36	0.42	0.48	0.23	0.27	0.31	2.00
SMBF-610x610x534-(M5/M6)-8	610	610	534	8	1500	1750	2000	0.35	0.41	0.47	0.18	0.21	0.25	5.10
SMBF-610x610x534-(M5/M6)-6	610	610	534	6	1500	1750	2000	0.39	0.46	0.53	0.20	0.24	0.29	3.80
SMBF-610x610x508-(M5/M6)-10	610	610	508	10	1500	2000	2200	0.36	0.47	0.52	0.18	0.24	0.27	6.00
SMBF-610x610x508-(M5/M6)-8	610	610	508	8	1500	1750	2000	0.36	0.43	0.50	0.19	0.22	0.26	4.80
SMBF-610x610x508-(M5/M6)-6	610	610	508	6	1500	1750	2000	0.40	0.47	0.54	0.22	0.26	0.30	3.60
SMBF-305x610x508-(M5/M6)-3	305	610	508	3	750	875	1000	0.40	0.47	0.54	0.22	0.26	0.30	1.90
SMBF-610x610x458-(M5/M6)-8	610	610	458	8	1500	1750	2000	0.40	0.47	0.54	0.28	0.33	0.38	4.33
SMBF-610x610x458-(M5/M6)-6	610	610	458	6	1500	1750	2000	0.43	0.51	0.59	0.30	0.35	0.41	3.25
SMBF-610x610x380-(M5/M6)-10	610	610	380	10	1350	1500	2000	0.37	0.42	0.56	0.26	0.29	0.39	4.52
SMBF-610x610x380-(M5/M6)-8	610	610	380	8	1250	1500	2000	0.36	0.44	0.59	0.25	0.30	0.41	3.60

All Grades and all sizes are available upon request. Please contact us for more details.



SHINKO PRODUCT | TECHNICAL DATA SHEET

SIZE SELECTION



Note: The photos shown are only for illustration purpose. The actual product may vary. Please contact the technical/sales department for more information. As a part of continuous Improvement Shinko Aircon reserves the right to make technical modifications without prior notice. All non-standard sizes are available upon request. Please contact us for more details.

