MS SERIES
SIDE MOUNTED FILTER

MINDER CLASSIC™
MEDIA FILTER



MS Series filter is MINDER's innovative and professional design for domestic filtration system. The filter comes with side-mounted multiport valve and MINDER's special cross-winding bobbin-wound thread technology which provide more durable and long life to the filter body than other filter types in the market.



Features & Advantages

- 100% factory tested according to international standard and MINDER improved standard.
- Automatic air release valve enables automatic release of trapped air during filter operation or negative pressure during water drain.
- Easy to use durable 6-ways multiport valve fitted with angle adjustable union to prevent pipe breakage during handling.
- Materials used are dependable and suitable for all-weather performance.
- Dual layers fibreglass inner shell with UV resistant bobbin wound reinforced fibreglass surface allows the filter to work under direct sunlight.
- 5-15years life-time.

Operating Limits

Model	2.5bar
Maximum water temperature	43 ℃
Operating Pressure	2.5bar
Maximum Pressure	4.0bar

Warranty

Fittings	1 year
Filter Tank	1 year

Optional Components

- Nozzle collection system
- The advanced model (4.0 bar) is only compatible with pipe fittings
- Vinyl-ester internal coating

All specifications are only for reference. Actual product performance may vary. Product's colours and specifications are subject to change without prior notice.

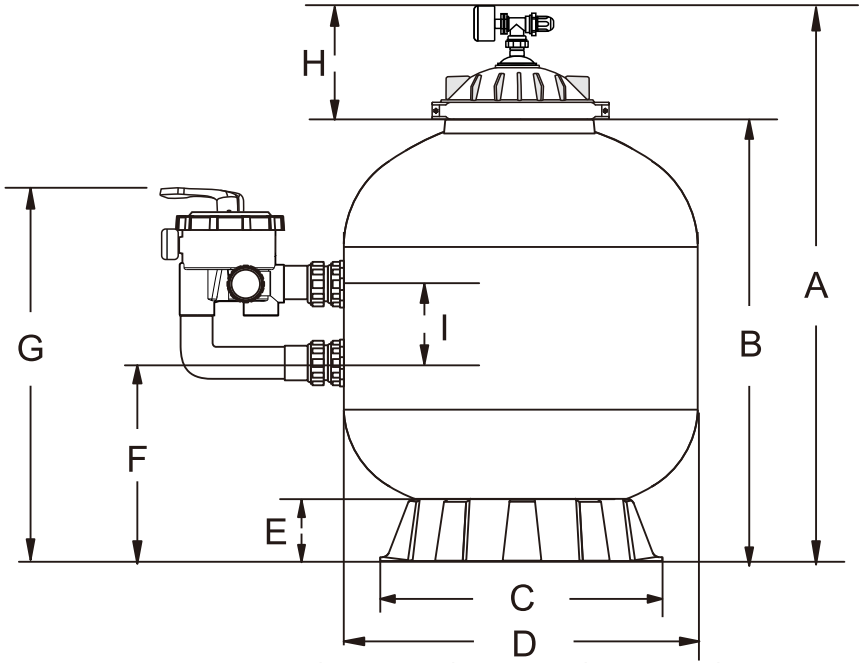
Optional Nozzle System



Specification

MODEL	CODE	MULTIPORT VALVE UNION SIZE		TANK Ø	FILTRATION AREA	DESIGNED VELOCITY	MAX FLOW RATE		MEDIA BED DEPTH	SILICA SAND (kg)
	2.5bar	IMPERIAL	METRIC	mm	m^2	$m^3/h/m^2$	m^3/h	lpm	mm	1-2mm
VS1.5 multiport valve with union size 1.5" / 50mm										
MS18	70065	1.5"	50mm	450	0.16	48	8	133	300	40
MS21	70066			550	0.22		12	200	340	85
MS25	70067			650	0.33		16	267	420	155
MS28	70068			700	0.38		19	317	460	210
VS2.0 multiport valve with union size 2.0" / 63mm										
MS25B	70652	2.0"	63mm	650	0.33	48	18	325	420	155
MS28B	70069			700	0.38		20	333	460	210
MS30	70070			750	0.44		23	390	485	225
MS32	70071			800	0.50		25	417	500	250
MS36	70072			900	0.64		30	500	570	350
MS40	70073			1000	0.79		33	550	610	600
MS44	70074			1100	0.98		38	633	660	900
MS48	70075			1200	1.13		42	700	710	1150
MS56	70076			1400	1.54		57	950	810	1800
VS2.5 multiport valve with union size 2.5" / 75mm										
MS40B	70653	2.5"	75mm	1000	0.79	48	41	683	610	600
MS44B	70654			1100	0.98		50	833	660	900
MS48B	70655			1200	1.13		58	967	710	1150
MS56B	70656			1400	1.54		62	1033	810	1800

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Dimensions

MODEL	A	B	C	D	E	F	G	H	I
	mm								
VS1.5 multiport valve with union size 1.5" / 50mm									
MS18	720	650	395	454	75	239	635	155	125
MS21	757	635	395	541	90	254	576	155	125
MS25	880	760	490	635	90	310	634	155	125
MS28	888	775	490	705	90	350	675	155	125
VS2.0 multiport valve with union size 2.0" / 63mm									
MS28B	908	780	490	705	90	322	744	175	195
MS30	970	800	700	750	125	350	772	175	195
MS32	1053	878	700	821	125	361	786	175	195
MS36	1225	1050	700	921	125	405	846	175	195
MS40	1243	1068	700	1016	150	475	900	175	195
MS44	1315	1140	930	1092	150	530	960	175	195
MS48	1415	1240	930	1210	170	635	1065	175	195
MS56	1590	1415	1200	1404	200	635	1065	175	195
VS2.5 multiport valve with union size 2.5" / 75mm									
MS40B	1243	1068	700	1016	150	475	864	175	195
MS44B	1315	1140	930	1092	150	530	919	175	195
MS48B	1415	1240	930	1210	170	635	1024	175	195
MS56B	1590	1415	1200	1404	200	635	1024	175	195

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