

# F2000 Media Filter



## Key Operating Guidelines

Pressure differential: Not to exceed 0,5 bar

Maximum working pressure: 8,0 bar

Maximum pressure: 10,0 bar

## Product Information

Double chamber

Precision conical diffusers/collectors

3 service ports for maintenance

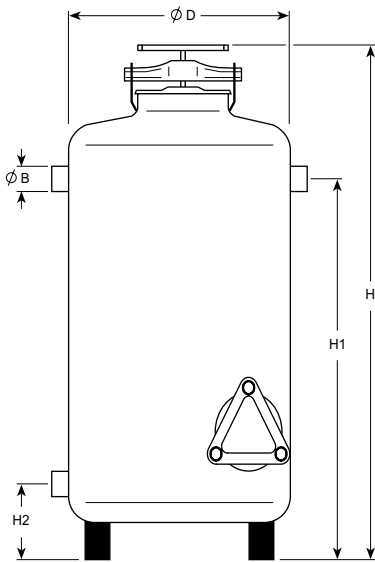
F2000 Media Filters (gravel or sand) are the most efficient type of filtration of water heavily contaminated with algae, organic matter and other impurities found in open reservoirs, canals and recycled water systems. The filtration occurs when the water passes through the open spaces and between sand particles, trapping the solid particles. The F2000 Media Filters use a bed of sand approximately forty centimeters deep to filter particles out of the water. The dirt particles are trapped in the open areas between the sand particles and are removed during the backwash cycle. This dirt and backwash water is expelled out of the tank and into a disposal area.



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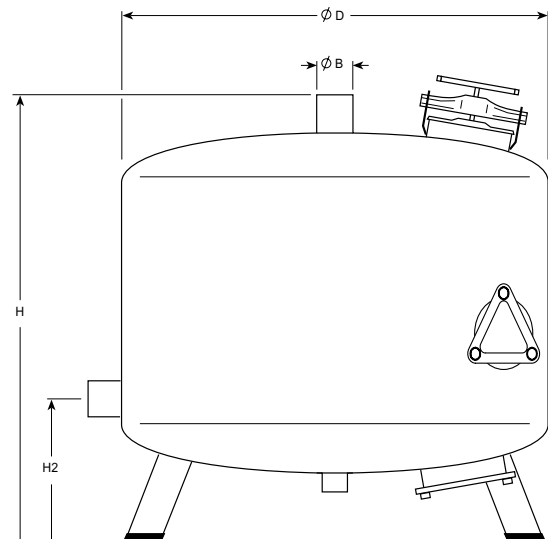
## Product dimensions

Model (Inlet/Body)	Model (Inlet/Body)	B	D	H	H1	H2	Weight
(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
2/16	50/400	50	400	1250	870	180	50
2/20	50/500	50	500	1250	870	180	70
3/20	80/500	80	500	1400	1040	180	75
2/24	50/600	50	600	1350	950	260	90
3/24	80/600	80	600	1350	950	260	90
3/30	80/750	80	750	1080		270	135
3/36	80/900	80	900	1100		270	185
4/48	100/1200	100	1200	1100		270	310
4/60	100/1500	100	1500	1330		400	430



Models

2/16 , 2/20, 3/20, 2/24, 3/24



Models

3/30, 3/36, 4/48, 4/60

## Amount of media required for each filter

Model (Inlet/Body)	Model (Inlet/Body)	Weight
(inch)	(mm)	(Kg)
2/16	50/400	75
2/20	50/500	125
3/20	80/500	125
2/24	50/600	175
3/24	80/600	175
3/30	80/750	250
3/36	80/900	350
4/48	100/1200	625
4/60	100/1500	1000

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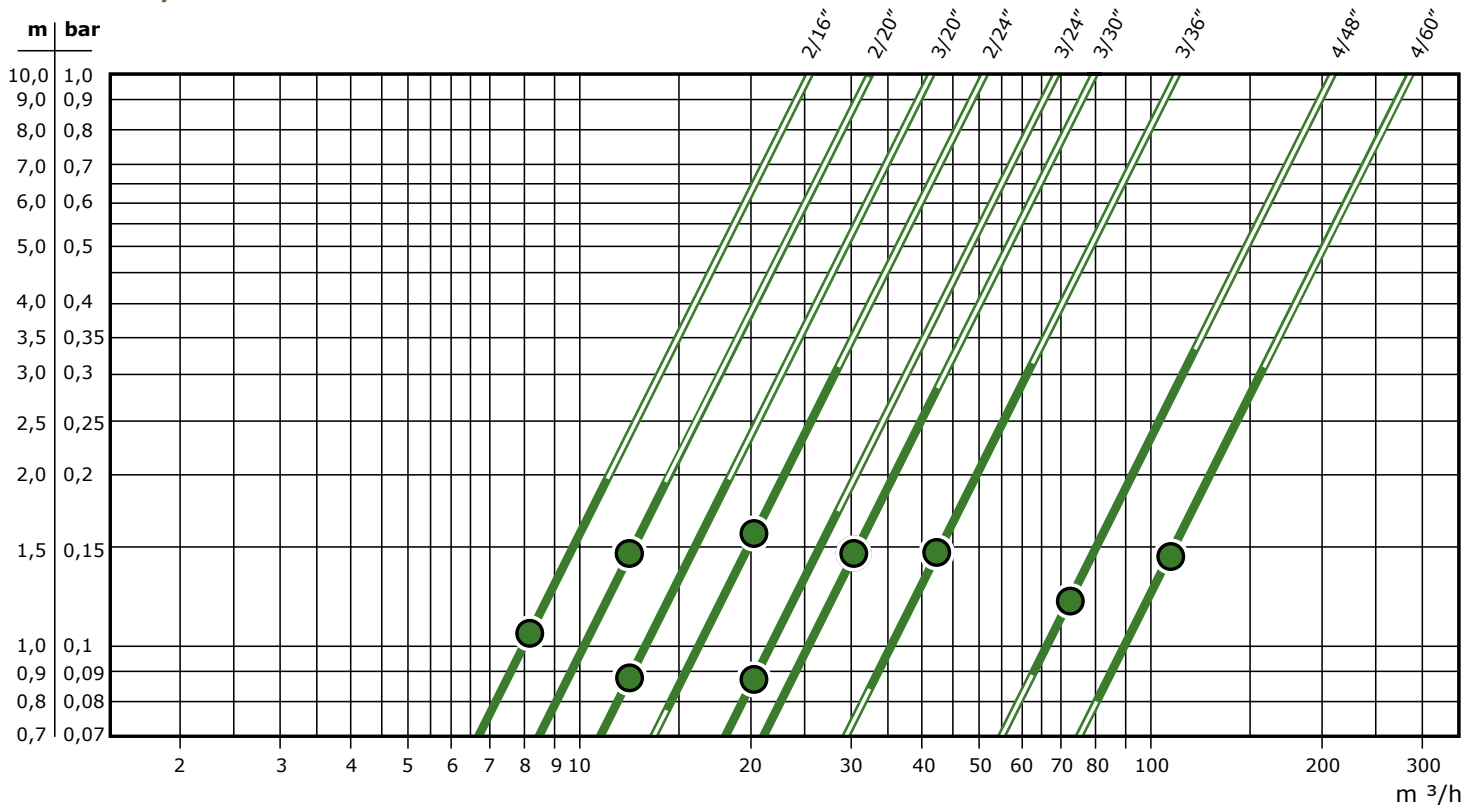
## Product head loss chart (bar) - 16" to 24" body

Model	Flow rate (m <sup>3</sup> /h)												
(Inlet/Body)	5	10	15	20	25	30	35	40	45	50	55	60	70
(inch)	Head loss (bar)												
2/16	0,04	0,16	0,36	0,64	1,00	1,44							
2/20		0,10	0,22	0,39	0,61	0,88	1,20						
3/20		0,06	0,13	0,24	0,37	0,54	0,73	0,95	1,20	1,49			
2/24		0,04	0,09	0,15	0,24	0,35	0,47	0,62	0,78	0,96	1,16		
3/24				0,09	0,14	0,19	0,26	0,35	0,44	0,54	0,65	0,78	1,06

## Product head loss chart (bar) - 30" to 60" body

Model (Inlet/Body)	Flow Rate (m <sup>3</sup> /h)														
(inch)	20	30	40	50	60	70	80	90	100	110	130	150	180	200	220
(inch)	Head loss (bar)														
3/30	0,06	0,14	0,26	0,40	0,58	0,79	1,03								
3/36		0,07	0,13	0,20	0,28	0,38	0,50	0,63	0,78	0,95					
4/48				0,06	0,08	0,11	0,15	0,19	0,23	0,28	0,39	0,53	0,76	0,93	1,13
4/60					0,05	0,06	0,08	0,10	0,13	0,15	0,21	0,28	0,41	0,50	0,61

## Head loss/Flow rate



● Average Point - Head Loss / Flow Rate

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## F2000 Media Filter Specifications

Item Number	Product description	Connection Diameter (Inch)	Connection Diameter (mm)	Body Diameter (inch)	Minimum Flow rate (m <sup>3</sup> /h)	Maximum Flow rate (m <sup>3</sup> /h)	Back flush Flow rate (m <sup>3</sup> /h)	Connection Type
101044078	F2000 Media Filter - Epoxy coating	2	50	16	6	11	10	BSP
101044079	F2000 Media Filter - Epoxy coating	2	50	20	9	18	15	BSP
101044080	F2000 Media Filter - Epoxy coating	2	50	24	14	28	25	BSP
101044081	F2000 Media Filter - Epoxy coating	3	80	36	32	62	54	VIC
101044082	F2000 Media Filter - Epoxy coating	4	100	48	62	120	95	VIC
101043070	F2000 Media Filter	2	50	16	6	11	10	BSP
101043072	F2000 Media Filter	2	50	16	6	11	10	VIC
101043073	F2000 Media Filter	2	50	20	9	18	15	BSP
101043075	F2000 Media Filter	2	50	20	9	18	15	VIC
101043077	F2000 Media Filter	3	80	20	10	18	15	BSTD
101043078	F2000 Media Filter	3	80	20	10	18	15	ISO-16
101043079	F2000 Media Filter	3	80	20	10	18	15	VIC
101043080	F2000 Media Filter	2	50	24	14	28	25	BSP
101043082	F2000 Media Filter	2	50	24	14	28	25	VIC
101043084	F2000 Media Filter	3	80	24	14	28	25	BSTD
101043085	F2000 Media Filter	3	80	24	14	28	25	ISO-16
101043086	F2000 Media Filter	3	80	24	14	28	25	VIC
101043088	F2000 Media Filter	3	80	30	21	42	38	BSTD
101043089	F2000 Media Filter	3	80	30	21	42	38	ISO-16
101043090	F2000 Media Filter	3	80	30	21	42	38	VIC
101043092	F2000 Media Filter	3	80	36	32	62	54	BSTD
101043093	F2000 Media Filter	3	80	36	32	62	54	ISO-16
101043094	F2000 Media Filter	3	80	36	32	62	54	VIC
101043096	F2000 Media Filter	4	100	48	62	120	95	BSTD
101043097	F2000 Media Filter	4	100	48	62	120	95	ISO-16
101043098	F2000 Media Filter	4	100	48	62	120	95	VIC
101043099	F2000 Media Filter	4	100	60	80	150	150	VIC