

Pressure Sand Filter

PSF/MS- Series

System Specification :

Model No.	: ACF/MS- 600; 800; 1000; 1200; 1400; 1500; 1800; 2000; 2200; 2500
Vessel Make	: Chemtronics [®]
Vessel Opening	: Top / Side
Valve Type	: Butterfly Valve
Valve Operation	: Semi Automatic
Valve Mounting	: Top / Side
Frontal Pipe MOC	: MS
Frontal Pipe MOC	: MS - Epoxy
Test Pressure	: 5.0 Kg/cm ²
Operating Pressure	: 3.0 Kg/cm ²
Filtering Media	: Multigrade Silica / Quartz sand
Media Size	: 0.8 / 3.0 / 5.0 mm
Media Life	: 5 – 6 Years
Backwash Frequency	: Daily
Operating Pressure	: 1.5 - 3.5 Kg/cm ²



Pressure Sand Filter

Feed Water Limiting condition :

TSS	: 35 – 50 ppm
Oil & Grease	: < 5 ppm

Outlet Water Quality :

TSS	: < 2 ppm
Oil & Grease	: < 5 ppm



Butterfly / Multiport Valve

Accessories :

Standard ▶

Butterfly Valve	: 05 no.
Interconnecting Frontal Piping	: 01 Set
Pressure Gauge	: 01 no.

Optional ▶

Rota Meter	: 01 no.
Pneumatic/Electrically Actuated Valve	: 01 no



Pneumatic/Auto Valve

Pressure Sand Filtration - PSF/MS Series

Model No.	Flow Rate (m ³ /hr) At Velocity (m/hr)			Vessel Size (Dia x HOS) (mm)	Media Qty. (Kg)	Dish Thk (MM)	Shell Thk (MM)	Butterfly Valve (NB)	Inlet / Outlet Connection (Inch)	Frontal Piping Size (Inch)
	9-10	15-16	19-20							
PSF/MS-600	3.00	4.50	6.00	600 x 2,000	475	6	5	50	2	2
PSF/MS-800	5.00	8.00	10.00	800 x 2,000	845	6	5	65	2.5	2.5
PSF/MS-1000	8.00	12.00	16.00	1,000 x 2,000	1,320	6	5	80	3	3
PSF/MS-1200	11.50	18.00	22.50	1,200 x 2,000	1,900	8	6	100	4	4
PSF/MS-1400	15.00	24.00	30.00	1,400 x 2,000	2,500	8	6	125	5	5
PSF/MS-1500	17.00	27.50	34.50	1,500 x 2,000	3,000	8	6	125	5	5
PSF/MS-1800	25.50	40.50	51.00	1,800 x 2,000	4,280	10	8	150	6	6
PSF/MS-2000	32.00	48.00	60.00	2,000 x 2,200	5,785	10	8	150	6	6
PSF/MS-2200	38.00	61.00	76.00	2,200 x 2,200	7,000	10	8	200	8	8
PSF/MS-2500	50.00	80.00	95.00	2,500 x 2,200	9,040	10	8	200	8	8



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