

# Activated Carbon Filtration System

ACF/MS- Series

## System Specification :

Model No.	:	ACF/MS- 600; 800; 1000; 1200; 1600; 1800; 2000; 2200; 2500
Vessel Make	:	Chemtronics <sup>®</sup>
Vessel Opening	:	Top / Side
Valve Type	:	Butterfly
Valve MOC	:	ABS
Valve Operation	:	Semi Automatic
Valve Mounting	:	Top / Side
Frontal Pipe MOC	:	UPVC
Filtering Media	:	Multigrade Sand Supporting Media(Pebbles, Quartz Sand, Fine Sand) Charcoal based carbon, Iodine value 900
Media Size	:	Sand 20 - 25 mm; 15 - 20 mm; 6 - 9 mm; 1 - 3 mm Carbon 10 - 12 mm
Media Life	:	5 - 6 Years
Backwash Frequency	:	Daily
Backwash Duration	:	3 - 5 min
Test Pressure	:	5.0 Kg/cm <sup>2</sup>
Operating Pressure	:	1.5 - 3.5 Kg/cm <sup>2</sup>



Pressure Sand Filter

## Accessories :

### Standard ▶

- Multifunctional Multiport Valve
- Pressure Gauge
- Rota meter
- Interconnecting Tubings & Fittings

### Optional ▶

- Auto Multiport Valve
- Rota meter
- Interconnecting Tubings & Fittings



Butterfly / Multiport Valve



Pneumatic/Auto Valve

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Model No.	Flow Rate (m <sup>3</sup> /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 Pipeing Size ( Inch )	"Net Weight (Kg)"
	9-10	15-16	19-20								
ACF/MS-600	3.00	4.50	6.00	600 x 2,000	100	6	5	50	2	2	
ACF/MS-800	5.00	8.00	10.00	800 x 2,000	180	6	5	65	2.5	2.5	
ACF/MS-1000	8.00	12.00	16.00	1,000 x 2,000	285	6	5	80	3	3	
ACF/MS-1200	11.50	18.00	22.50	1,200 x 2,000	400	8	6	100	4	4	
ACF/MS-1600	20.00	32.00	40.00	1,600 x 2,000	725	8	6	125	5	5	
ACF/MS-1800	25.50	40.50	51.00	1,800 x 2,000	920	10	8	150	6	6	
ACF/MS-2000	32.00	48.00	60.00	2,000 x 2,200	1135	10	8	150	6	6	
ACF/MS-2200	38.00	61.00	76.00	2,200 x 2,200	1370	10	8	200	8	8	
ACF/MS-2500	50.00	80.00	95.00	2,500 x 2,200	1770	10	8	200	8	8	



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