

Activated Carbon Filtration System

ACF/FR- Series

System Specification :

Model No.	: ACF/FR- 200; 250; 300; 330; 350; 400; 450; 530; 610; 760; 910; 1050; 1220; 1600; 2000
Vessel Make	: Pentair / Wave Cyber / Equivalent
Vessel Opening	: Top / Side
Valve Type	: Multifunctional Multiport Valve
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 ²
Operating Pressure	: 1.5 - 3.5 Kg/cm ²



Pressure Sand Filter



Semi - Automatic Multiport Valve

Accessories :

Standard ▶

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

Optional ▶

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



Automatic Multiport Valve

Activated Carbon Filtration FR Series

Model No.	Flow Rate (m ³ /hr) At Velocity (m/hr)			Vessel Size (Dia x HOS) (mm)	Media Qty. (Kg)	MPV Size (NB)	Inlet / Outlet Connection (Inch)	Frontal Piping Size (Inch)	"Net Weight (Kg)"
	9-10	15-16	19-20						
ACF/FR-200	0.30	0.45	0.60	200 X 1,117	10	20	3/4"	3/4"	
ACF/FR-250	0.45	0.75	0.90	254 x 1,371	19	20	3/4"	3/4"	
ACF/FR-300	0.65	1.00	1.30	305 x 1,220	27	20	3/4"	3/4"	
ACF/FR-330	0.80	1.30	1.60	330 x 1,372	32	20	3/4"	3/4"	
ACF/FR-350	0.90	1.50	1.80	355 x 1,650	45	20	3/4"	3/4"	
ACF/FR-400	1.20	2.00	2.50	406 x 1,650	56	40	1 1/2"	1 1/2"	
ACF/FR-450	1.50	2.50	3.00	457 x 1,650	71	40	1 1/2"	1 1/2"	
ACF/FR-530	2.00	3.50	4.00	533 x 1,575	94	40	1 1/2"	1 1/2"	
ACF/FR-610	2.60	4.50	5.50	610 x 1,828	135	40	1 1/2"	1 1/2"	
ACF/FR-760	4.00	7.00	9.00	760 x 1,828	200	40	2 1/2"	2 1/2"	
ACF/FR-910	6.00	10.00	12.00	910 x 1828	312	40	1 1/2"	1 1/2"	
ACF/FR-1050	8.00	13.00	17.00	1050 x 1,828	392	50	2.0'	2.0'	
ACF/FR-1200	10.00	18.00	22.00	1200 x 1,828	503	50	2.0'	2.0'	
ACF/FR-1600	20.00	32.00	40.00	1600 x 1,600	777	80	3.0'	3.0'	
ACF/FR-2000	30.00	50.00	60.00	2000 x 2,000	1,500	80	3.0'	3.0'	



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