

# Pressure Sand Filter

PSF/FR - Series

## Product Specification :

Model No.	:	PSF/FR-200;250;300;330;350;400;450;530;610;760;910;1050;1200;1600;2000
Vessel Make	:	Pentair / Wave Cyber / Equivalent
Vessel Opening	:	Top / Side
Valve Type	:	Multi functional Valve
Valve Operation	:	Semi Automatic
Valve Mounting	:	Top / Side
Multiport Valve MOC	:	ABS/PP
Frontal Pipe MOC	:	UPVC
Test Pressure	:	5.0 Kg/cm <sup>2</sup>
Operating Pressure	:	3.0 Kg/cm <sup>2</sup>
Filtering Media	:	Multi grade Silica / Quartz sand
Media Size	:	0.8 / 3.0 / 5.0 mm
Media Life	:	5 - 6 Years
Backwash Frequency	:	Daily
Backwash Duration	:	3 - 5 mins



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



Semi - Automatic Multiport Valve

## Accessories :

### Standard ▶

Multiport Valve	:	01 no.
Interconnecting Frontal Piping	:	01 Set
Pressure Gauge	:	01 no.

### Optional ▶

Rota Meter	:	01 no.
Auto Multiport Valve	:	01 no.



Automatic Multiport Valve

## MODEL RANGE

Model No.	Flow Rate (m <sup>3</sup> /hr) At Velocity (m/hr)			Vessel Size	Media Qty. ( Kg )	MPV Size ( NB )	Inlet / Outlet Connection ( Inch )	Frontal Piping Size ( Inch )
	9-10	15-16	19-20					
PSF/FR-200	0.30	0.45	0.60	200 x 1,117	27	20	3/4	3/4
PSF/FR-250	0.45	0.75	0.90	254 x 1,371	50	20	3/4	3/4
PSF/FR-300	0.65	1.00	1.30	305 x 1,220	71	20	3/4	3/4
PSF/FR-330	0.80	1.30	1.60	330 x 1,372	84	20	3/4	3/4
PSF/FR-350	0.90	1.50	1.80	355 x 1,650	120	20	3/4	3/4
PSF/FR-400	1.20	2.00	2.50	406 x 1,650	148	40	1 1/2	1 1/2
PSF/FR-450	1.50	2.50	3.00	457 x 1,650	189	40	1 1/2	1 1/2
PSF/FR-530	2.00	3.00	4.00	533 x 1,575	250	40	1 1/2	1 1/2
PSF/FR-610	2.60	4.50	5.50	610 x 1,828	360	40	1 1/2	1 1/2
PSF/FR-760	4.00	7.00	9.00	760 x 1,828	566	40	1 1/2	2 1/2
PSF/FR-910	6.00	10.00	12.00	910 x 1,828	799	40	1 1/2	1 1/2
PSF/FR-1050	8.00	13.00	17.00	1,050 x 1,828	1,046	40/50	1 1/2 / 2.0	1 1/2 / 2.0
PSF/FR-1200	10.00	18.00	22.00	1,200 x 1,828	1,340	50	2.0	2.0
PSF/FR-1600	20.00	32.00	40.00	1,600 x 1,600	2,072	65/80	2 1/2 / 3.0	2 1/2 / 3.0
PSF/FR-2000	30.00	50.00	60.00	2,000 x 2,000	4,000	80.00	3.0	3.0



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