



EUROTECK
ENVIRONMENTAL (P) LTD

LET'S RECYCLE

FIBER FILTER

Fiber filter reduces TSS from variety of liquids. Filter that can replace the commonly used sand filtration (PSF). A new filter material that takes advantage of the characteristics of fibers media which enables ultra-high-speed filtration. It can take up to 30PPM , TSS at Inlet and can deliver 10PPM at outlet

Filtration reproducibility is achieved by using fibers as the filter media and effectively cleaning by a unique cleaning mechanism. High-speed filtering is achievable due to the huge porosity and higher amount of turbidity trapped inside the filter media compared to granular filter media.

Features of fiber filter media include space savings and a decrease back wash water requirement.

Applications of Fiber Filter :

- Use river water or lake water as irrigation water.
- Tertiary treatment of wastewater.
- Discharge biologically treated water or use gray water.
- Can be used in a wide range of applications to reduce TSS.
- For removing SS from seawater.
- Before membrane filtration.
- Side filter of cooling water
- Circulating filtration (bathhouses, viewing ponds etc.)



Compact , Light weight , Space and waste saving

1000 series

Features of FIBER FILTER 1000 series

- **Compact design**
Not only saving a space but also lowering a height for installation.
FF -1000 series: 2500mm max. (Height)
- **Light weight , Easy field work**
No need to put media into tank at user's place
- **5times of SS capture rate compared with sand filtration**
- **5times of filtration speed compared with sand filtration**
- **Fiber Filter unit 1000 series Standard specification**

1000 series (with optional Skid base)	FF10300	FF10400	FF10500	FF10600
Fiter Vessel ID (mm)	300	400	500	600
STD treatment capacity (m3/hr)	1.4-3.53	6.28	9.82	14.13
Back wash water (m3/hr)	1.8	3.1	4.9	7.1
Back wash water consumption (~12 Min) m3	0.35	0.63	0.98	1.4
Wash time	12 min			
Filter vessel material	MSRL/ SS304			
Pipe material	UPVC/MS/SS304			
Automatic valve	Electrical /Pneumatic (CI)			
Other	With Skid base (optional)			

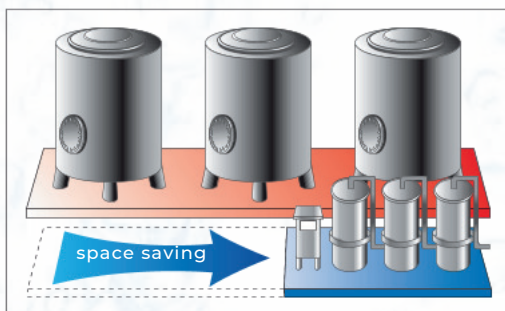


From small to large capacity space, equipment and waste saving

1500 series

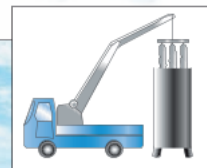
Features of FIBER FILTER 1500 series

- Large volume treatment
Treatable of large volume by multi-units
- Easy field work
No need to put media into tank at user's place
Easy filter media replacement with cartridge system
- 8times of SS capture rate compared with sand filtration
- 8times of filtration speed compared with sand filtration(from our experience)



1/4 of installation area

Easy filter media replacement with cartridge system



Great decrease in washing water.

■ Fiber Filter unit 1500 series Standard specification

1500 series (Without Skid)	FF15300	FF15500	FF15600	FF15900	FF151200	FF151400	FF151500	FF151600
Fiter Vessel ID (mm) STD	300	500	600	900	1200	1400	1500	1600
treatment capacity (m3/hr)	1.4-5.6	3.9-15	5.6-22	13-50	22-90	30-123	35-141	40-160
Back wash water consumption per cycle (Approx) m3/hr	1.8	4.9	7.1	15.9	28.3	38.5	44.2	50.3
Back wash water consumption (~12 Min) m3	0.35	0.98	1.41	3.18	5.65	7.70	8.83	10.05
Wash time	12 min							
Filter vessel material	MSRL/ SS304							
Pipe material	UPVC/MS/SS304							
Automatic valve	Electrical /Pneumatic (CI)							



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