

DF SYSTEM

(Disc Filtration)

Descriptions



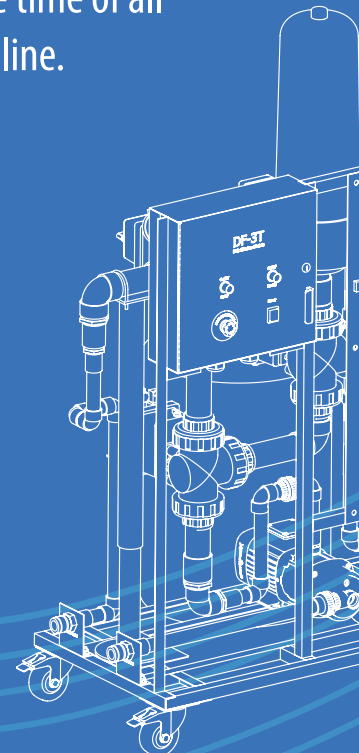
A disk filter is a type of water filter where the filter cartridge is made of a number of discs stacked on top of each other like a pile of poker chips. The water passes through the small grooves in between and the impurities are trapped behind. The grade of the disk filter in this filtration unit is 100 micron.

The Disk Filtration (DF) main purpose is to filter out larger size impurities (such as sands or small pebbles) in the raw water before moving on to the next treatment module.

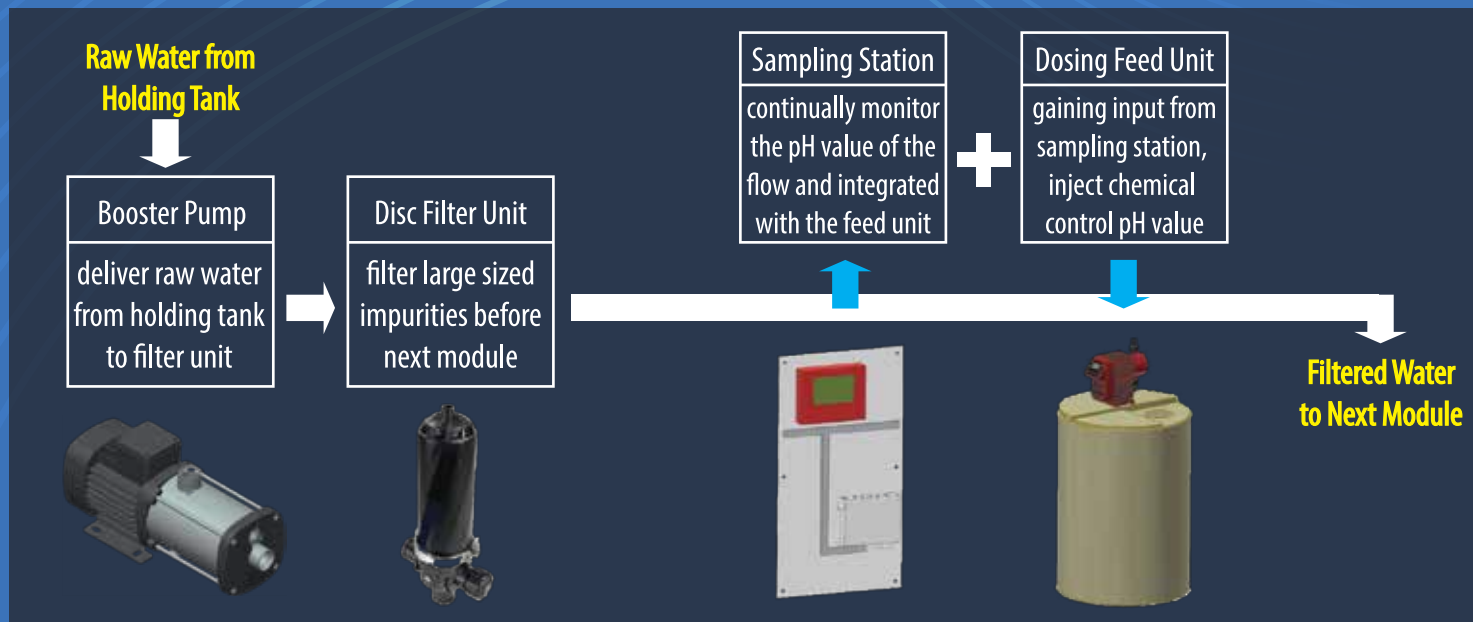
Any impurities which size are more than 100 microns are left behind within the disk filter. This kind of pre-treatment will help to greatly increase the service time of all subsequent modules of the treatment line.

Product Features

- Simple but efficient filtration concept
- Comes together with automated reverse backwash feature
- Quick and simple start-up with automated systems
- Integrated auto dosing system to neutralize pH
- Equipped with lockable castor units
- Very compact size
- Equipped with self-priming water pump



System Process Flow



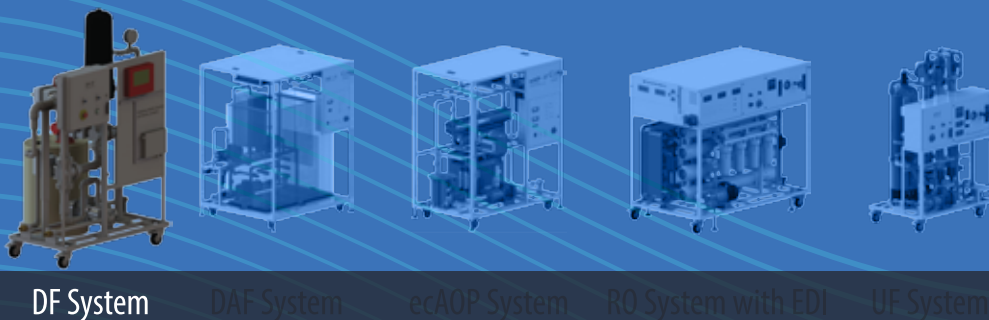
Specifications

Capacity (m ³ / hour)	pH Value	Temperature	Power Consumption	Dry Weight	Size W x L x H (m)
500 - 3,000	6.5 - 7.5*	< 60 °C	0.8 kW/h	50 Kg	0.55 x 1.05 x 1.71
Feed Water Source	Wastewater, Well Water, River Water, Sea Water				
Feed Water pH Value	2.0 - 13.0				
Inlet & Outlet Connection	1" Camlock Type F				
* pH Value: Neutralized to drinking level (By DF Module)					
Remarks: Customization system is possible, please contact us via email below.					

Application Range

Industry	DF System	Customization System
Agriculture	●	●
Automotive	●	●
Beverage	●	●
Chemical	●	●
Electronic	●	●
Food	●	●
Hospital	●	●
Laundries	●	●
Pharmaceutical	●	●
Palm Oil Mill	●	●
Sea Desalination	●	●
Surface Treatment	●	●
Textile	●	●
Other	●	●

Hybrid Water Treatment System Line-Up



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