

DAF SYSTEM

(Dissolved Air Flotation)

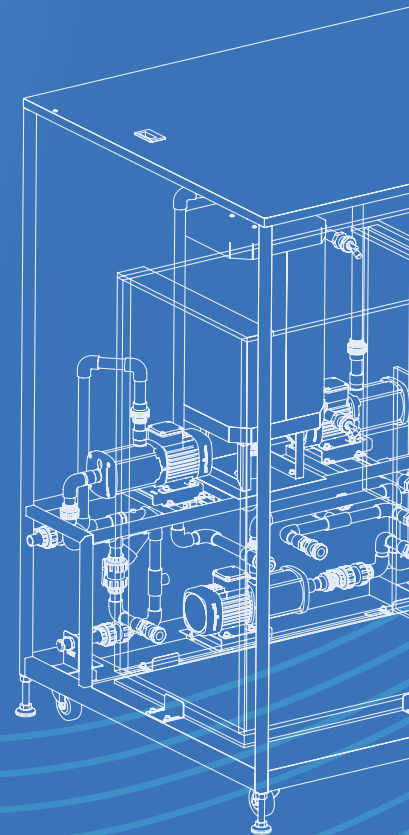


Descriptions

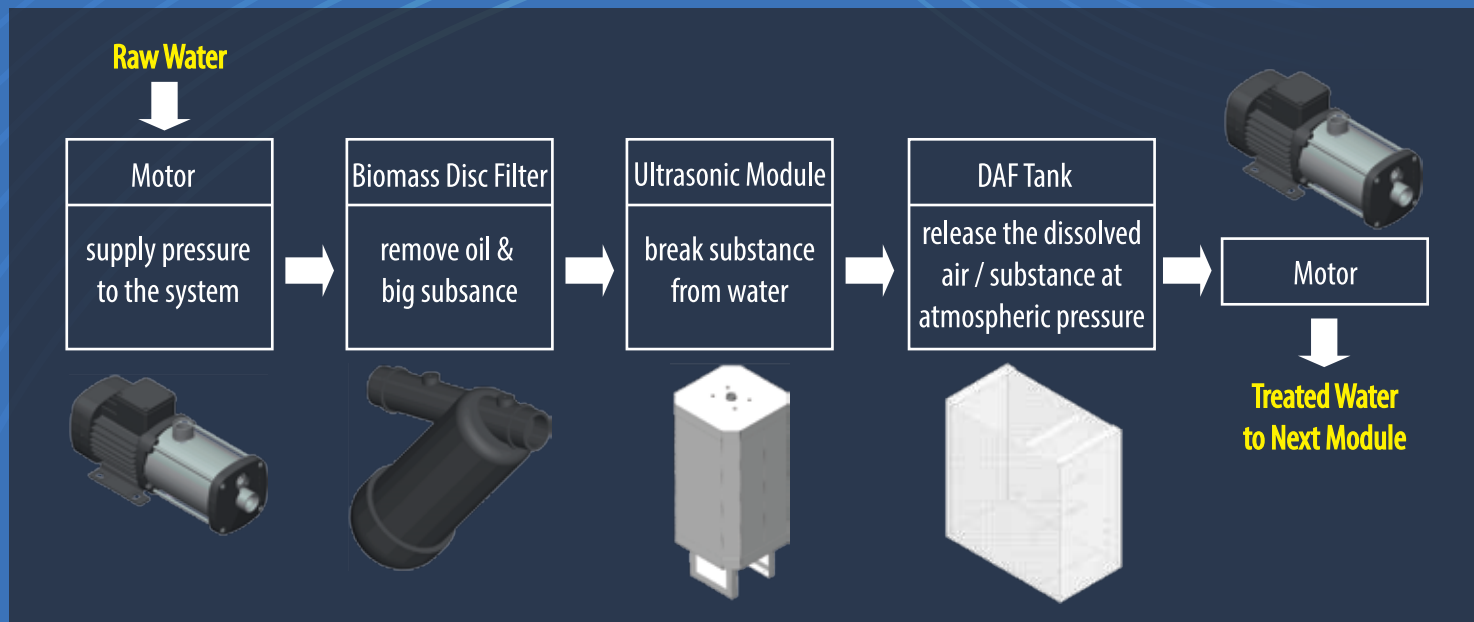
Dissolved Air Flotation (DAF) is a water treatment process that clarifies wastewater (or other water) by the removal of suspended matter such as oil or solids. The removal is achieved by dissolving air in the water or wastewater under pressure and then releasing the air at atmospheric pressure in a flotation tank basin. Ultrasonic sonic module has been incorporated in this module to optimize the treatment process.

Product Features

- Total Suspended Solids (TSS) – Reduction Up to 97%
- Chemical Oxygen Demand (COD) – Removal Up to 85%
- Low Cost Operation & Maintenance (O&M)
- Standard & Customized Units Meet a Variety of Application and Flow Ranges
- Designed for Ease of Installation and Use
- Sustainable for High Salinity Water



System Process Flow



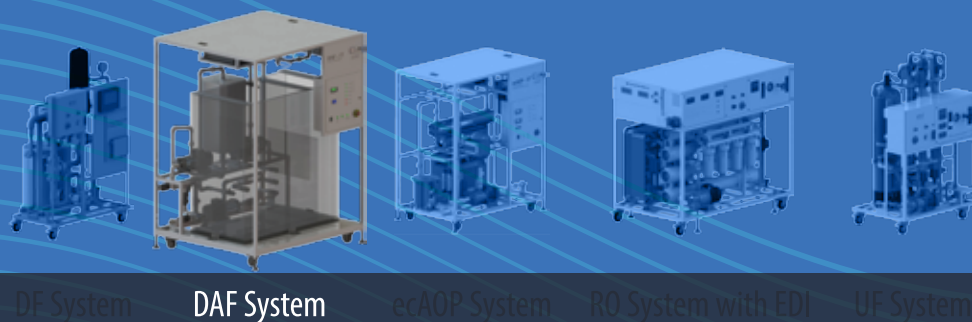
Specifications

Capacity (m ³ / hour)	pH Value	Temperature	Power Consumption	Dry Weight	Size W x L x H (m)
1,000	6.5 - 7.5 *	< 40 °C	3.6 kW/h	500 Kg	1.38 x 1.60 x 2.10
Feed Water Source		DF System (Highly Recommended)			
Inlet Connection		1" Camlock Type F			
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	DAF 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



Nihon Togun Co., Ltd.

Nishikicho 1-4-20,
TSC Building 6F-602,
1900-0022 Tachikawa-Shi,
Tokyo, Japan.
Tel: +81 3 6403 0853

Togun Malaysia Sdn. Bhd.

Unit B-3-6, Vantage,
Jalan Desiran Tanjung,
10470 Tanjung Tokong,
Penang, Malaysia.
Tel: +604 899 3968