

# ORGANICA PRODUCTS

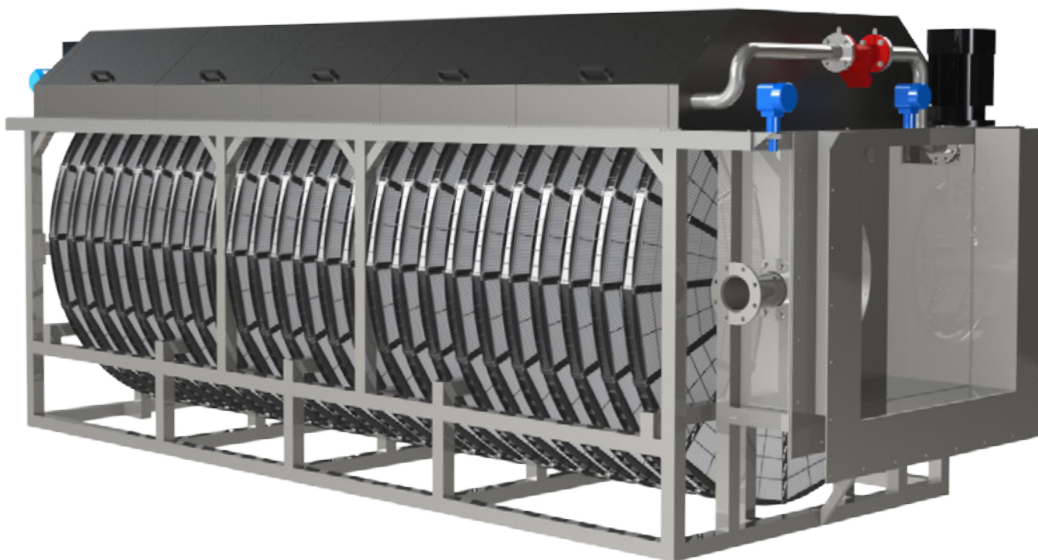
## ORGANICA SCALLOP DISCFILTER

The Organica Scallop discfilter is a mechanical filtration device specially designed to remove total suspended solids (TSS) from wastewater streams following biological treatment in the Organica Food Chain Reactor (FCR) solution. Each discfilter incorporates a simple, yet sophisticated, design that ensures continuous low-maintenance operation and stable, reuse-quality effluent; all with a drastically reduced footprint over conventional secondary clarification.

### Ideal for Organica FCR solutions

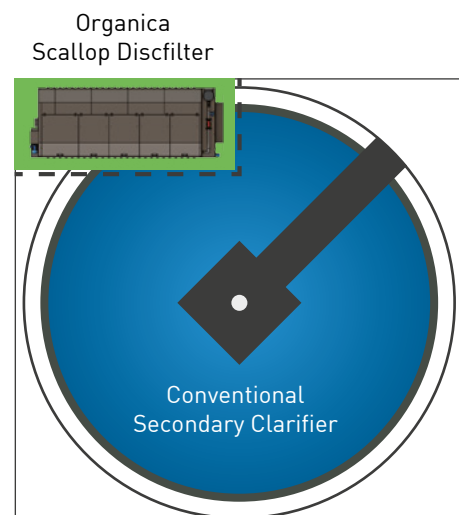
The Organica FCR solution is an Integrated Fixed-Film Activated Sludge (IFAS) system utilizing a fixed-bed biofilm that grows on both natural (plant) and engineered (patented biofiber media) root structures. As the biomass

in an Organica FCR is fixed on these root structures, the TSS content of the water in the treatment process is low, allowing the use of Organica Scallop discfilters for phase separation.



### Reduces land requirement by 90%

With its advanced design and high-surface area scalloped filter panels, the Organica Scallop discfilter has an exceptionally small physical footprint, reducing land requirement by 90% in comparison to conventional secondary clarification.



## Seamless integration

Due to their compact footprint, Organica Scallop discfilters are perfectly suited to be installed in the wastewater facility building itself, further decreasing

the physical and psychological footprint of an Organica-powered wastewater treatment plant, and adding to the aesthetically pleasing visuals.



## Reuse-quality water

Organica Scallop discfilters are able to meet performance requirements of a wide range of effluent TSS limits, including constantly producing reuse-quality water. Reclaimed water can be utilized for a number of purposes, including irrigation, industrial cooling processes, feeding A/C cooling towers, toilet flushing or groundwater recharge.

## Low-maintenance operation

- Exclusive, **corrosion-free drive system** designed with the most advanced technology, including a non-metallic chain
- **Stainless steel** support frame and tank (if applicable) to provide a long lifespan and structural stability
- **Modular filter panel** construction makes it easy to replace individual panels in just a couple of minutes, reducing downtime

## Two design types for wide capacity range

### Stand-alone



Stand-alone version for smaller hydraulic capacities

### In-chamber



In-chamber version for higher hydraulic capacities