

# 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.



