

TARGA® II System

Cost Effective Inside-Out Hollow Fiber Ultrafiltration



 **KOVALUS**
Separation Solutions™

Setting a New Standard for Flexibility, Performance, and Safety...

Over 50 Years of Membrane Experience

KOVALUS SEPARATION SOLUTIONS™ (KSS) is a global leader in membrane filtration technologies with over 50 years of membrane experience. The TARGA® II hollow-fiber ultrafiltration membrane produces high-quality water for a variety of applications through a safe and cost-optimized process. It is specifically designed to be chlorine tolerant and to satisfy numerous stringent regulatory requirements.

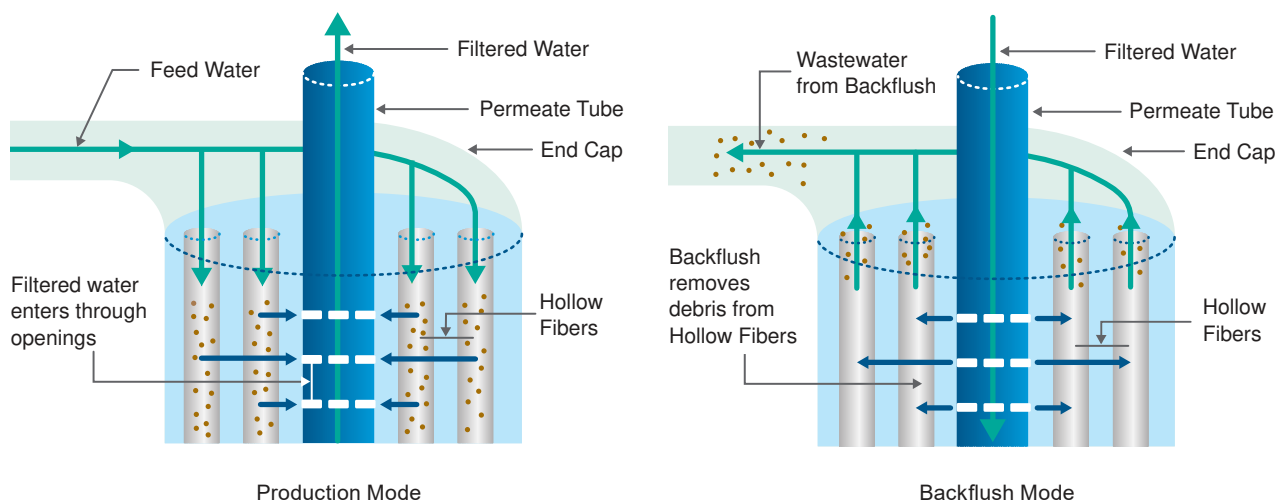


TARGA II Cartridge

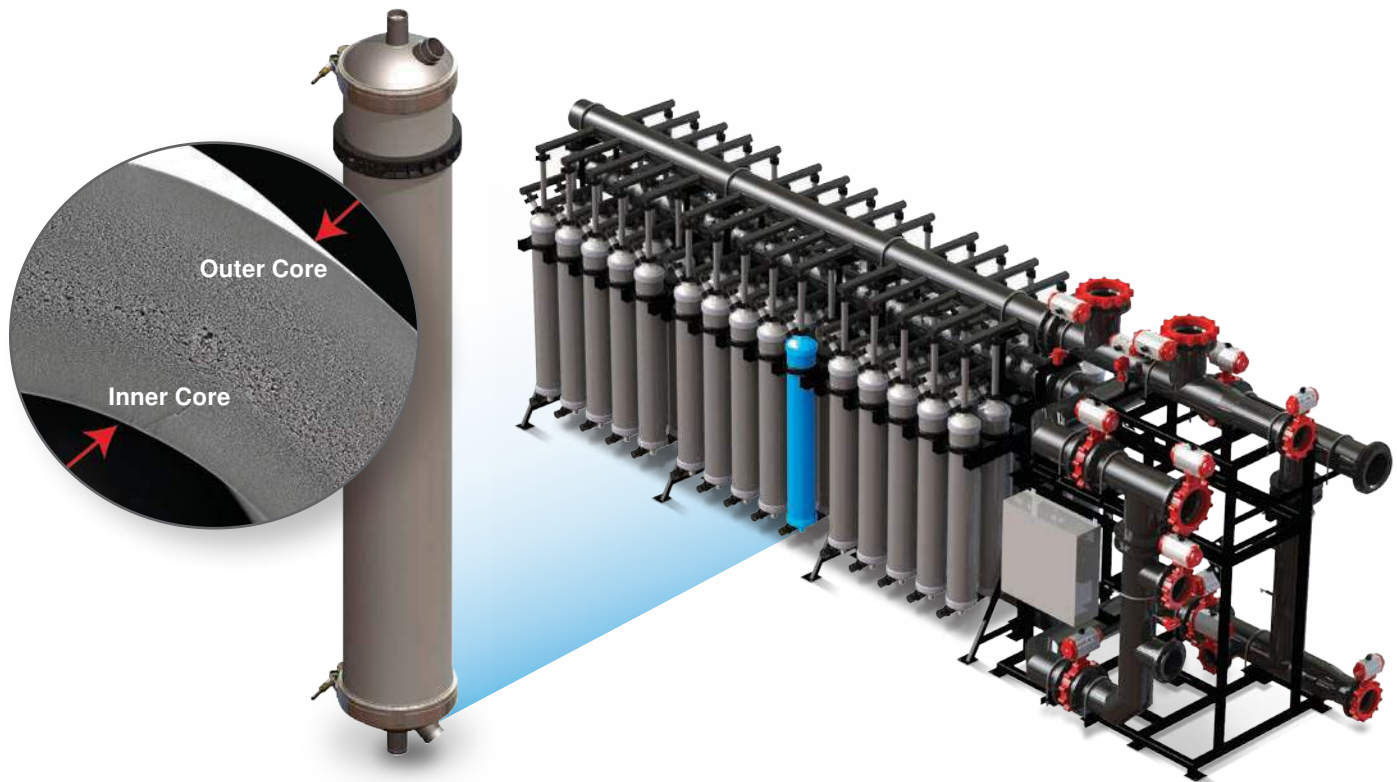
The TARGA II cartridge is comprised of inside-out hollow-fiber ultrafiltration membranes with one of the highest membrane packing densities in the market. Constructed with polyethersulfone (PES) chemistry, these fibers feature a tight inner skin to reduce fiber stress and increase fiber tensile strength. Built to tolerate chlorine, TARGA II is an ideal solution for drinking water requirements, capable of achieving 4-log virus removal. Furthermore, it is easily cleaned over a wide pH range and is designed to facilitate backflushing to remove debris from within the hollow-fiber membranes.

TARGA II System

TARGA II systems are fully automated, featuring intelligent process controls to handle fluctuating feed flow and conditions such as TOC, TSS, pH, and color. The system is easily operated and maintained at a reduced cost and footprint.



The TARGA® II System Design



Benefits

- Smooth inner core morphology and small pore for easy virus and pathogen removal
- Durable fibers, easy maintenance, and flexible cleaning process (including chemically enhanced backflush) resulting in high net flow rate
- Stable membrane performance without extensive chemical cleans
- Superior membrane chemistry, narrow pore size distribution, and advanced system controls
- Minimal system connections, simplified installation, outstanding reliability, and an intelligent user interface that automatically responds to varying feedwater conditions
- High-quality effluent, easy operation, reduced maintenance, and a compact footprint lower overall cost

Primary Applications

- **Industrial Water Solutions:** Compact system design and effective removal of suspended and colloidal solids in a high-value engineered system
- **Tertiary Wastewater Treatment:** Low-fouling membranes suited for reuse applications with a high pH cleaning capability
- **Seawater Pre-treatment:** Silt Density Index (SDI) <3 and extended RO membrane life for a seawater-compatible design
- **Drinking Water Solutions:** 4-log removal of bacteria and viruses, LT2 compliant and CDPH certified, fully automated



KOVALUS SEPARATION SOLUTIONS

KOVALUS SEPARATION SOLUTIONS™ (KSS) is a global leader in separation technologies.

With best-in-class domain expertise, technologies and systems, KSS is uniquely positioned to help customers purify and recover valuable process streams and achieve sustainability goals across food and beverage, life science, and general industrial markets.

Services & Support

After-Sales Services & Maintenance Programs • SepTrac™ Smart System



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