

Kovalus Separation Solutions™ Shares Decades of Know-How in New Whitepaper on Water Efficiency for Dairy Plants

Wilmington, MA – *Kovalus Separation Solutions™*, a global leader in advanced separation technologies, has released a new whitepaper titled **“Water Conservation and Efficiency Opportunities in Dairy Membrane Operations.”**

The publication provides practical, proven techniques for reducing water consumption, reclaiming valuable resources, and making dairy membrane operations more efficient — especially in UF, RO, NF, and MF setups.

Drawing on Decades of Process Engineering Expertise

Building on decades of hands-on experience in membrane and process system design, the whitepaper outlines practical, data-backed methods for optimizing water efficiency in dairy operations.

- **Rinse Recovery & Valving Strategies:** How to reduce water using conductivity - or turbidity-based controls
- **Low vs. High Pressure Systems:** Understand the structural water usage differences between UF/MF and RO/NF systems
- **Chemical Recovery with SelRO®:** Techniques for reclaiming caustic and acid solutions even at extreme pH and temperature levels
- **Seal Water Reuse:** How small upgrades (tanks, sensors) can save thousands of liters/gallons annually
- **DF Water Optimization:** Smart distribution without jeopardizing product quality

Availability

The whitepaper “Water Conservation and Efficiency Opportunities in Dairy Membrane Operations” is now available for [download here](#):

About Kovalus Separation Solutions

Kovalus Separation Solutions, formerly known as Koch Separation Solutions, is transforming the landscape of separations by developing and leveraging synergistic technologies such as membrane filtration, ion exchange, evaporation, drying, and more. With over half a century worth of experience, Kovalus offers comprehensive solutions for the most challenging in-process separation and water and wastewater treatment applications across the food and beverage, dairy, life science, and general industrial markets. Our team of dedicated and experienced engineers is committed to delivering value-added solutions to our customers worldwide by enabling resource recovery, waste elimination, reduced footprint, increased productivity, and overall lower costs.

**For more information visit www.kovalus.com
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