



# SAF<sup>®</sup>/Dairy

Treating dairy water requires efficient handling of organics, fats, proteins, and meeting increasingly strict environmental standards. **SAF<sup>®</sup> is the simple, easy, and efficient wastewater treatment solution.**

Explore the proven & innovative application of Suspended Air Flotation (SAF<sup>®</sup>) technology in the dairy processing industry. SAF<sup>®</sup> presents a transformative solution for addressing the key challenges faced by dairy processors, including wastewater treatment, water reuse, and environmental sustainability.



Introduction

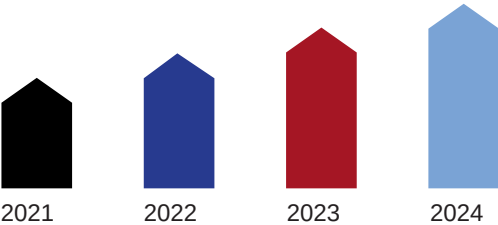
Dairy Dynamics: Navigating Waters, Transforming Tech with SAF®

SAF® Flotation Without Dissolved Air.

In the dynamic world of dairy processing, where gallons of milk are transformed into an array of delicious products, the industry faces a deluge of challenges. Water usage, wastewater management, and resource efficiency are not mere considerations but critical battlegrounds for sustainability.

Picture this: a staggering 4-5 gallons of water are required to produce just one gallon of milk, underscoring the urgency of rethinking traditional practices. As we delve into the lactose-laden landscape, we introduce SAF®, a technological beacon that doesn't just promise change but makes a tangible impact on effluent results and OEM costs.

We will explore the potential benefits of SAF®, presenting pertinent data and relevant figures.



Background  
Unraveling the Threads of Wastewater Treatment in Dairy Processing

Dairy wastewater processing stands at the crossroads of efficiency and environmental responsibility, with traditional methods facing notable challenges. Commonly employed technologies, including Dissolved Air Flotation (DAF), have historically been the go-to solutions. However, their efficiency is marred by limitations that echo the demands of a rapidly evolving industry.

DAIRY PRODUCTS MARKET SIZE, 2021 TO 2024 (USD BILLION)			
\$481.7 2021	\$496.2 2022	\$511.6 2023	\$528.5 2024