

ASEPTIC PULSATION DAMPENER™

Enhance Your UHT Processing.

Maximum Run Times, Minimal Maintenance

Pulsation dampeners play a crucial role in ensuring smooth homogenizer operation in dairy, beverage and plant-based UHT processing. By mitigating pulsations from the homogenizer, they prevent pipe breakage and reducing unexpected downtime. The APV Aseptic Pulsation Dampener ensures smooth operations, minimizes maintenance, and boosts productivity while maintaining an aseptic system and product integrity in process lines with rigorous hygiene standards. It allows runtimes of up to 170 hours before cleaning-in-place (CIP), saving water and energy, while limiting pulsations in an aseptic environment.

Why Choose APV Aseptic Pulsation Dampener?

SPX FLOW is a leading company in homogenizers and UHT technology, committed to helping you achieve superior longer run times and product safety. Our aseptic pulsation dampener is designed to meet the evolving demands of the dairy and plant-based industries, ensuring your production line runs smoothly and efficiently. This addition to SPX FLOW's UHT equipment lineup gives dairy processors more options to meet or exceed food safety needs. This holistic approach effectively lowers both operating expenses (OPEX) and the total cost of ownership (TCO) while championing sustainability.



Superior Product Safety and Efficiency

Increase food safety and run times while lowering product waste, energy, water, and detergent consumption with the APV Aseptic Pulsation Dampener for your UHT system.

- **Extended Run Times:** The field-tested dampener operates up to 170 hours before requiring CIP, reducing downtime.
- **Superior Product Safety:** The aseptic pulsation dampener's seamless construction minimizes the need for inspection and reduces the risk of contamination, ensuring maximum cleanliness and product integrity while maintaining an aseptic system.
- **Minimal Maintenance:** The stainless-steel design eliminates the need for inserts and removal of parts for cleaning, making it easy to clean and maintain.
- **Reliable Performance:** Absorbs pulsations to prevent pipe breakage and unexpected downtime.
- **Sustainable Operation:** Helps reduce water, detergent and energy consumption during cleaning and production start-up due to the longer run times, supporting your sustainability goals.
- **Seamless Integration:** Integrates easily with your new or existing APV UHT systems for a hassle-free installation.

Seamless Inline Design

Ensures the highest sanitary standards, reducing inspection needs and contamination risk

Inlet and Outlet Dampening

Minimizes pulsations for optimal performance and extended component life

Compact Footprint

Facilitates easy integration to existing and new systems

Proven Components

Designed for reliable UHT operations and optimized for APV UHT system spares

Dynamic Liquid Level Control

Enables extended run time and minimizes pulsations in production mode

Integrated Control Panel

Includes interfaces to new or existing systems for smooth integration

SPXFLOW

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