

## Upgrade Kits

### Active Pulsation Damper

#### Add active pulsation dampers for a smooth ride

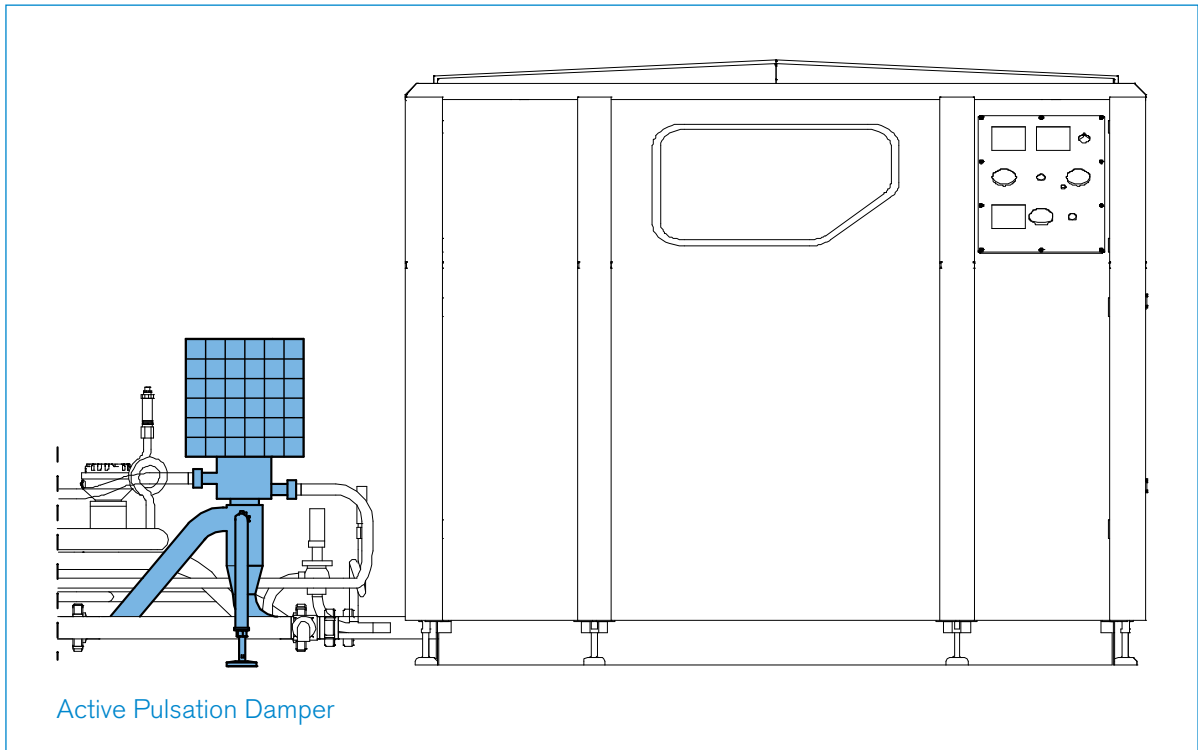
JBT SF&DS produces long lasting equipment than can hold for many years. Some of the equipment we produced 50 years ago is still creating sterile products with only limited maintenance. Still there are many factors that influence the lifetime of our machines.

The coils we use for heating and cooling the product are the heart of the machine. These are specially designed for your machine and one of the main unique factors. The lifetime of a coil is significantly depending on vibrations. Vibrations are the main source for a broken coil. We advise our customers to do annual inspection of their machine, but the best action is prevention!

#### So what's shaking?

The homogenizer creates a high pressure with 3 or 5 pistons that are connected to a crank shaft. This movement results in a sinus like pressure change. This change in pressure results in vibration before and after the homogenizer. Therefore we advise all our customers to place a damper before and after the homogenizer. This damper will minimize the effect of the homogenizer to your coil system.





## What's happening?

The older machines are running with a bellow damper, that's inside the homogenizer. This bellow damper needs to be inspected manually after every cleaning. The retrofit will replace the bellow damper that is currently installed. The original place of the damper will be replaced by piping and the new damper will be placed next to the homogenizer. Manual inspection of the new damper will no longer be required.

## Active pulsation damper benefits:

- Reduced vibrations
- Can be implemented in the cleaning process
- Damping tunable to process requirements
- Consistent reliable damping
- Possible to use in an aseptic environment
- Visual inspection of the actual damping possible
- Visual inspection inside the damper no longer required
- Damping pressure can be set from the homogenizer panel

Please contact your JBT customer care manager for more information or a quote.

— KitA14030-EN - 07•20 (11) Subject to change without notice —

[jbt.com](http://jbt.com) —

### JBT Food & Dairy Systems

Deccaweg 32  
1042 AD Amsterdam  
The Netherlands  
Phone: +31.20.634.8911  
Fax: +31.20.636.9754  
[info.ams@jbt.com](mailto:info.ams@jbt.com)



### Ordering Information

As part of JBT's commitment to your success, our wide range of upgrade kits are designed to give you maximum return on your original investment through increased performance and service life.

Please contact [info.ams@jbt.com](mailto:info.ams@jbt.com) for more information or to request a quote.

All JBT kits are subject to software/system compatibility and may change without previous notice.