

## Upgrade Kits

### Upgrade of the HPV rack for bottle decontamination

#### General information

JBT SF&DS Amsterdam is globally providing high quality filling systems. These systems are known for their reliability and durability. The uptime of JBT SF&DS systems will provide our customers the competitive advantage over their competitors. It is our goal to improve this advantage in any way we can. Therefore we are always solving issues that result in loss of product, or loss of productivity.

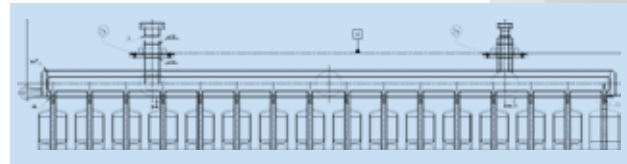
Bottles are sterilized by flushing Hydrogen Peroxide Vapour into the bottles using nozzles. Earlier versions of the Linear Filler are equipped with a distributor with 1 supply pipe. This results in a deviation between different nozzles. Since the initial peroxide content of the bottle must be more than the minimum (CCP), the flow of all nozzles is increased to compensate for the nozzle with the lowest initial. This results in higher peroxide usage, and more variation in the initials.

The new standard design of this manifold has two supply pipes, for a symmetric and even flow out of each nozzle. If necessary, a restriction can be exchanged for fine tuning the flow. The solution contains a new HPV roof plate a new manifold. An extra condensate drain is added to the system.

- Less variation of initials between individual nozzles, resulting in less delay due to re-adjusting the HPV parameters.
- Less consumption of Hydrogen Peroxide, flows can be lower to reach the same initial HPV load.
- Lower overall residuals. Compensation for the lowest initial resulted in higher initials in other bottles. This upgrade removes the need for compensation, and higher-than-necessary initials.

If you are interested in upgrading your HPV rack tot he new design, contact your Area Customer Care manager for a proposal.

Previous design:



New design:



Please contact your JBT Customer Care manager for more information.

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Food & Dairy Systems

#### 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.