

# CS10-1

## Stainless steel clean steam separator

### An effective solution to ensure steam dryness

The CS10-1 is designed to remove contaminants, entrained moisture and condensate from clean and pure steam systems for critical applications. The CS10-1 ensures a minimum steam dryness of 95% which is key to successful sterilization cycles and helps you achieve compliance with industry standards such as EN 285, HTM 2010 and AAMI-ST79.

The CS10-1 has been developed to solve problems associated with wet steam, its impact on sterilization and autoclave processes as well as limiting damage to downstream control valves and equipment.

#### Key features

- Designed to ensure steam dryness values above 95%.
- Designed in accordance with the ASME BPE guide for the biopharmaceutical industry.
- Protects and maintains service life of downstream pipeline equipment.
- Unique removable baffle plate to facilitate internal inspection.
- Minimal pressure drop.
- Internal surface finish of 20  $\mu$ -in (0.5  $\mu$ m) Ra electro-polished.
- Traceable 316L stainless steel material.
- FDA compliant seals.
- Part of a dedicated high purity product range from Spirax Sarco.

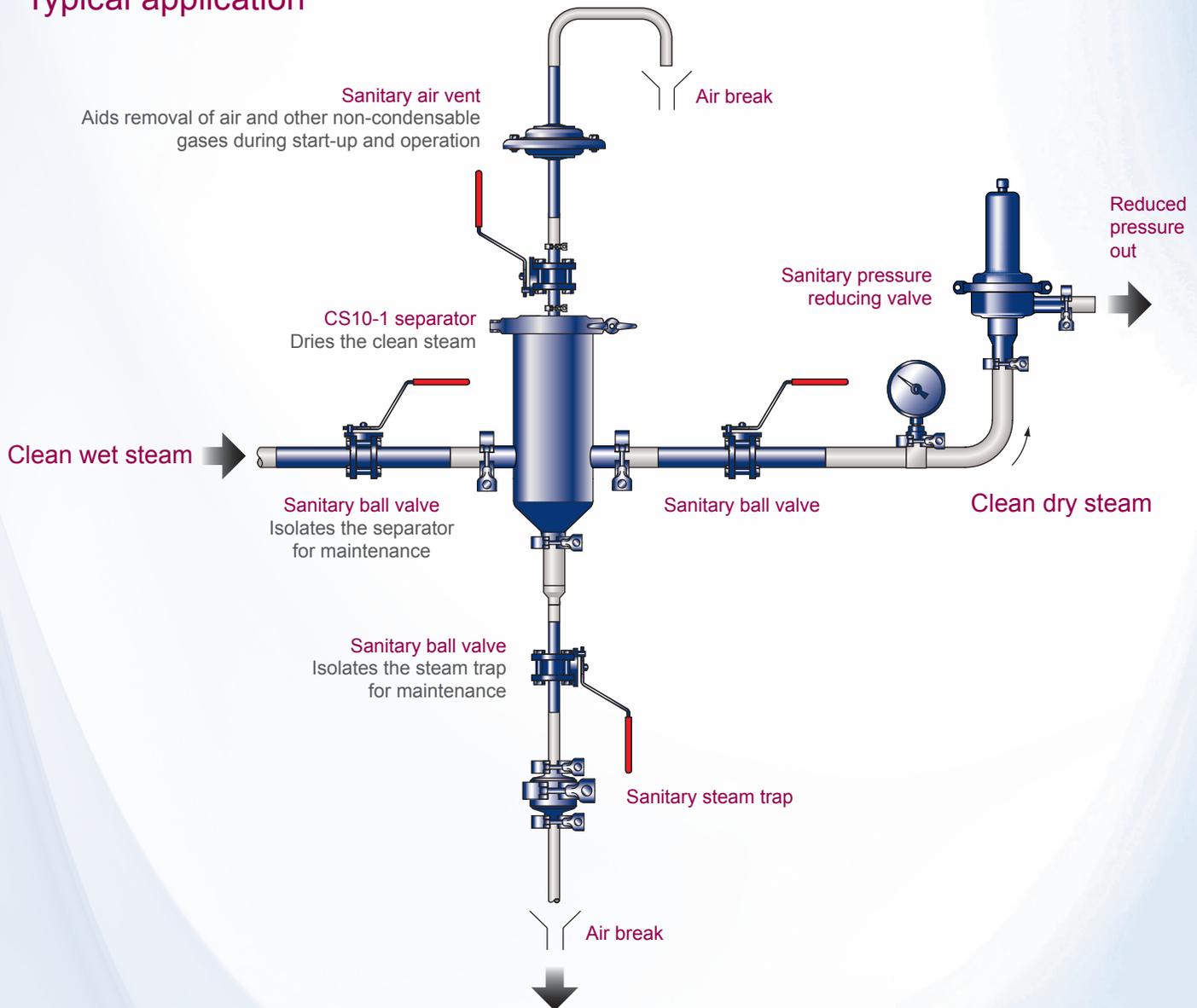


The **CS10-1** helps you achieve **compliance and quality** within your clean and pure steam system while maintaining **reliable operation** and **minimizing maintenance and downtime costs.**

## The range and options

Type	Size	Surface finish	Welds	Connections
CS10 - 1	½" - 2"	<b>Internal:</b> 20 µ-in (0.5 µm) Ra electro-polished <b>External:</b> 63 µ-in (1.6 µm) Ra satin bleed blast	Ground smooth and polished	Sanitary clamp or Tube weld ends

## Typical application



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