

CS10

stainless steel
clean steam separator

A solution to ensure steam dryness

Moisture is the enemy of any clean steam system. Wet steam damages and degrades the performance of components, especially control valves. What's more, moisture usually results in substandard quality clean steam. The Spirax Sarco CS10 is your best guardian of clean steam reliability and quality. The CS10 is a unique design from Spirax Sarco which has been developed to overcome the related problems associated with wet steam, including control valve damage and failure to comply to steam sterilisation standards EN 285 and HTM 2010.

Key features

- Designed to exceed the steam dryness value of 0.95% as per standards EN 285 and HTM 2010.
- Unique, patent pending design with removable baffle plate design to facilitate periodic de-rouging and inspection.
- Designed in accordance with the ASME BPE guide (2005 edition) for the Biopharmaceutical industry.
- Fully traceable 316L stainless steel material throughout to ensure system integrity.
- All elastomers compliant to FDA regulation CFR 21, part 177, section 2600. USP class VI elastomers are only available in 1/2", 3/4" and 1" sizes.
- CS10-1 is available with 0.5 µm (20 micro-inch) Ra maximum as standard with optional electropolish.
- Part of a dedicated high purity product range from Spirax Sarco.



Sanitary
control valve



Sanitary ball valves



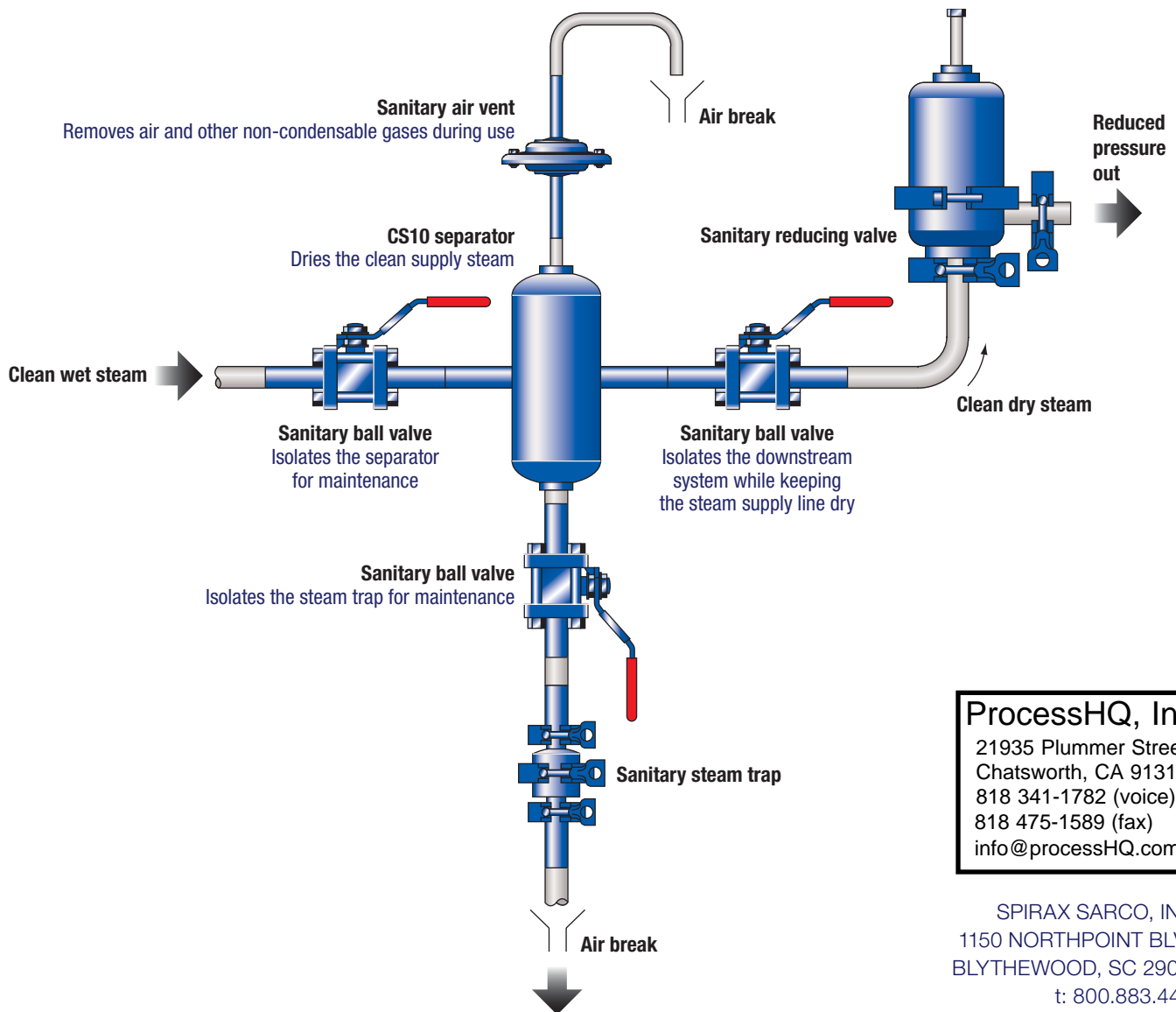
Sanitary steam trap

spirax
/sarco

The range and options

Type	Size	Surface finish	Welds	Connections	Options
CS10 - 1	½" - 2"	0.5 µm Ra (20 micro-inch)	Ground smooth and polished	Sanitary clamp or Tube weld ends	Electropolishing
CS10 - 2	½" - 2"	0.75 µm Ra (30 micro-inch)	Left as laid	Sanitary clamp or Tube weld ends	-

Typical application



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Contact your Spirax Sarco sales representative for more information on the CS10 separator and the complete line of clean steam components engineered for system reliability and steam quality.

