

CVS10

Sanitary check valves

A solution for the prevention of reverse flow and cross contamination

The CVS10 sanitary check valve has been designed specifically for use in the pharmaceutical industry and manufactured to the latest version of ASME BPE

Key Features

- Available with metal seat for clean and pure steam/condensate applications as standard.
- Optional soft seats in choice of EPDM, Viton or FEP-Silicone seat seals offering solutions for a wide range of applications for high purity fluid applications such as WFI (Water For Injection) systems.
- All elastomers are compliant with the applicable FDA CFR 21 para 177 and USP class VI standards
- Full traceability of wetted materials throughout
- .507psi (35 mbar) opening pressure as standard
- High Kv value with minimal pressure loss
- Choice of surface finish to maintain sterility and reduce risk of microbial growth
- Part of a dedicated high purity product range from Spirax Sarco



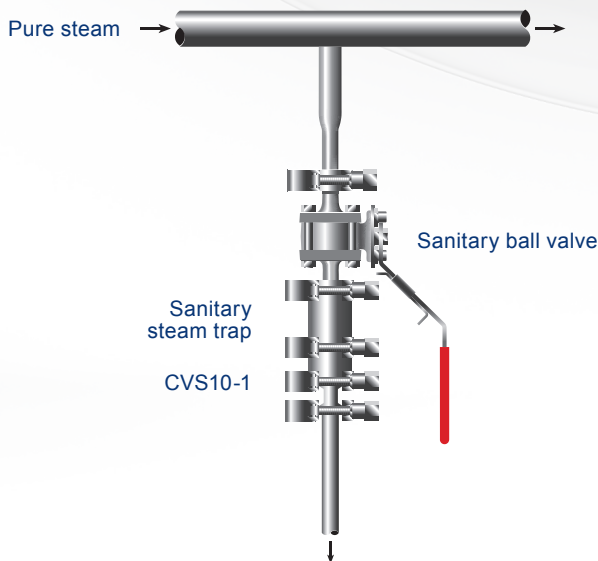
First for Steam Solutions

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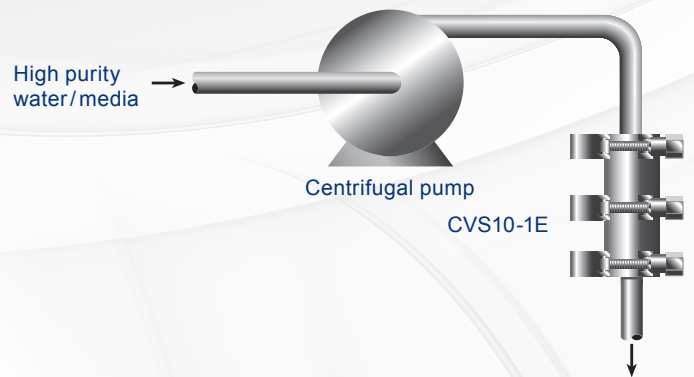
spirax
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Type	Seat seal	Internal surface finish	Size	Connections
CVS10-1	Metal	Mechanical 20µ-in (0.5 µm) Ra (SF1)	½" - 2"	Sanitary clamp
CVS10-2		Mechanical and electropolished 15µ-in (0.38 µm) Ra (SF4)		
CVS10-1E	EPDM	Mechanical 20µ-in (0.5 µm) Ra (SF1)		
CVS10-2E		Mechanical and electropolished 15µ-in (0.38 µm) Ra (SF4)		
CVS10-1V	Viton	Mechanical 20µ-in (0.5 µm) Ra (SF1)		
CVS10-2V		Mechanical and electropolished 15µ-in (0.38 µm) Ra (SF4)		
CVS10-1F	FEP-Silicone	Mechanical 20µ-in (0.5 µm) Ra (SF1)		
CVS10-2F		Mechanical and electropolished 15µ-in (0.38 µm) Ra (SF4)		

Typical applications



CVS10 metal seat for condensate lines and manifold drains



CVS10 soft seat for liquid applications



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