

## NOW AVAILABLE

- Polyetheretherketone (PEEK) soft seat option for ANSI Class VI shutoff at temperatures up to 400°F / 204°C
- Expanded spring ranges on smaller sizes of Type SR8 models NPS 1/2 to 1-1/2 / DN 15 to 40 allowing setpoints up to 125 psi / 8,6 bar

## Other Options

- Pressure loaded spring case design permits varying setpoints from a remote location
- Barstock machined version of the 316 Stainless steel spring case for aesthetics
- 10 Ra finish (optional) on wetted surfaces
- Vacuum protection option including a lower diaphragm support to protect against vacuum conditions
- Gauge port in body
- T-Handle adjusting screw
- Various DIN and ISO end connections



### Emerson Automation Solutions

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**FISHER™**



Fisher Types  
**SR5**  
**SR8**

The Clean, Clear  
Choice for Sanitary  
Process Control

**EMERSON™**

**FISHER™**

**EMERSON™**

EMERSON. CONSIDER IT SOLVED.

## Engineered for precise pressure control in a sanitary environment.

Fisher™ Type SR5 Sanitary Pressure Reducing Regulator and Type SR8 Sanitary Backpressure Regulator are designed for applications in pharmaceutical, biotechnology, food and beverage, consumer products, cosmetics, chemical and other industries – where sanitary process control is required for steam, gases and liquids.

### Fisher Sanitary Regulators Features:

- FDA and USP Class VI approved elastomers
- Designed exclusively for use in clean/sterile environments
- Superior flow performance and accuracy
- Available in sizes NPS 1/2, 3/4, 1, 1-1/2, 2, and 3 / DN 15, 20, 25, 40, 50 and 80
- Suitable for clean-in-place (CIP) and sanitize-in-place (SIP) systems
- Suitable for water-for-injection (WFI) and clean steam systems
- Self-draining design
- Tri-Clamp® end connections

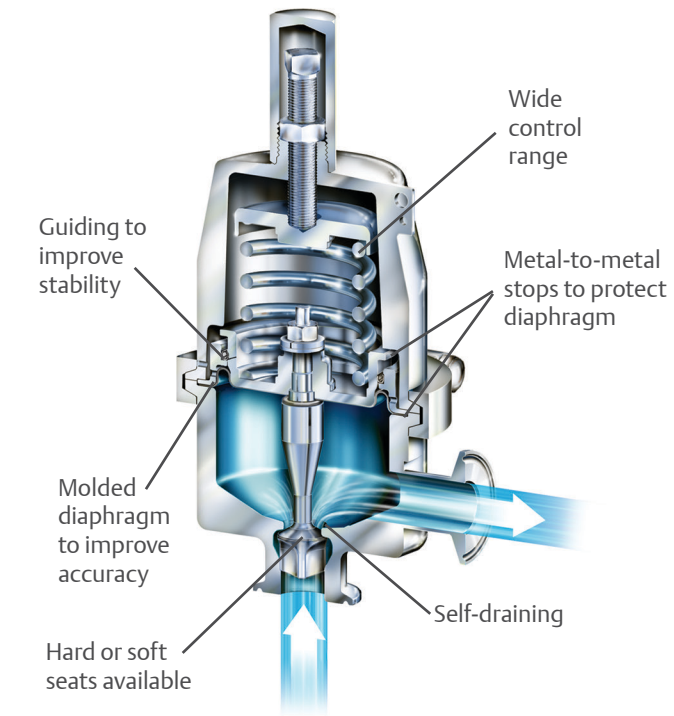
Fisher Types  
**SR5**  
**SR8**

The Clean, Clear  
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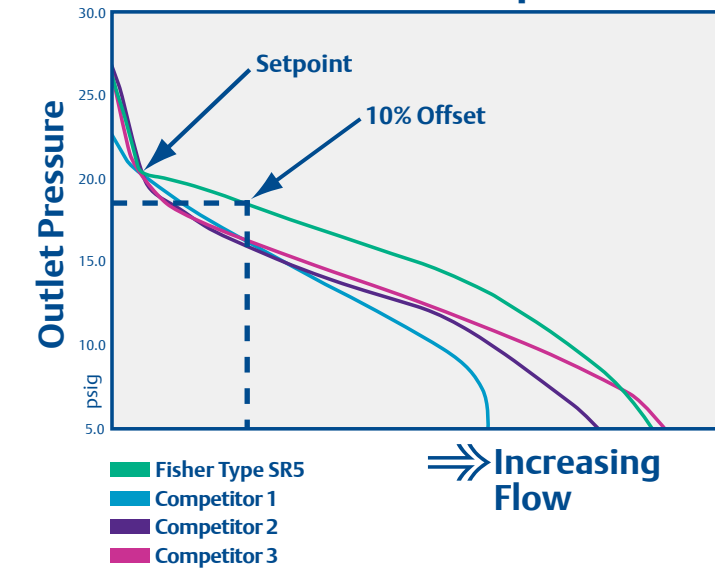
Designed to meet  
ASME BPE and European  
Hygienic Equipment  
Design Group Criteria.



## Type SR5 Pressure Reducing



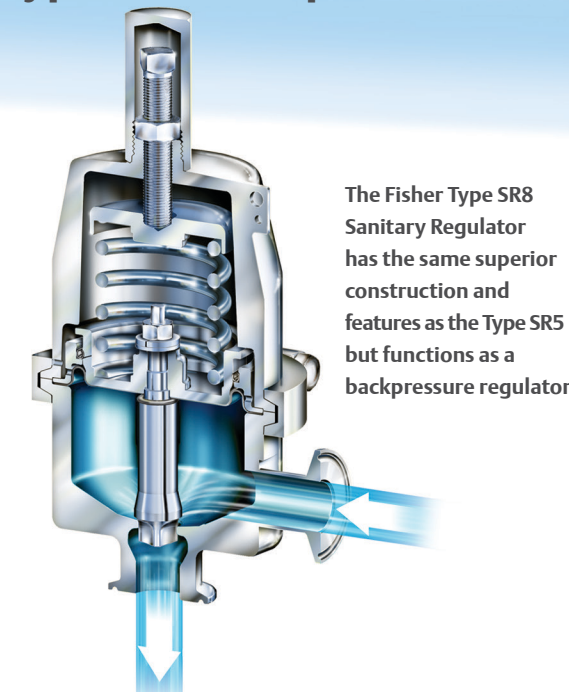
## Sanitary Regulator Performance Comparison



## Construction materials enhance purity of plant products and environment.

Each Fisher Sanitary Regulator has a 316L Stainless steel body, wetted metal trim parts and a 316 Stainless steel spring case. The wetted surfaces are mechanically polished to a 20 Ra Microinch finish (standard) and then electropolished. Diaphragms are available in 316L Stainless steel, Fluorocarbon (FKM) with a Polytetrafluoroethylene (PTFE) coating or Ethylenepropylene (EPDM). Metal or soft seats are available.

## Type SR8 Backpressure



## Superior flow performance and accuracy.

To evaluate the performance of a regulator, compare the stated capacities at equivalent operating pressures and offset factors. The Type SR5 is designed to deliver high flows with minimal offset to maintain an even pressure over the full range of flow. In addition, the large turndown ratio eliminates the need for reduced flow ( $C_V$ ) trims.