

Improve performance and reliability



FISHER™

CSB700 Series

TYPE CSB700

TYPE CSB704

Introduction

The Fisher™ CSB700 Series is a balanced trim, direct-operated, spring-loaded commercial service regulator with integral slam-shut. The CSB700 Series application flexibility and installation adaptability make it ideal for industrial and commercial applications needing accurate control, fast speed of response, sustained reliability and easy maintenance.

The CSB700 Series balanced port design is optimized to provide precise control over a broad range of inlet pressure and flow ranges. Higher flow capabilities minimize station design variations, but cover a wider set of end user delivery requirements. The integral slam-shut protects downstream equipment in the event of overpressure or underpressure conditions. The highly configurable, fast-acting Commercial Service Regulators provide a full range of overpressure protection options, minimizing gas emissions to the atmosphere and providing safe and reliable solutions needed for buildings of public assembly.

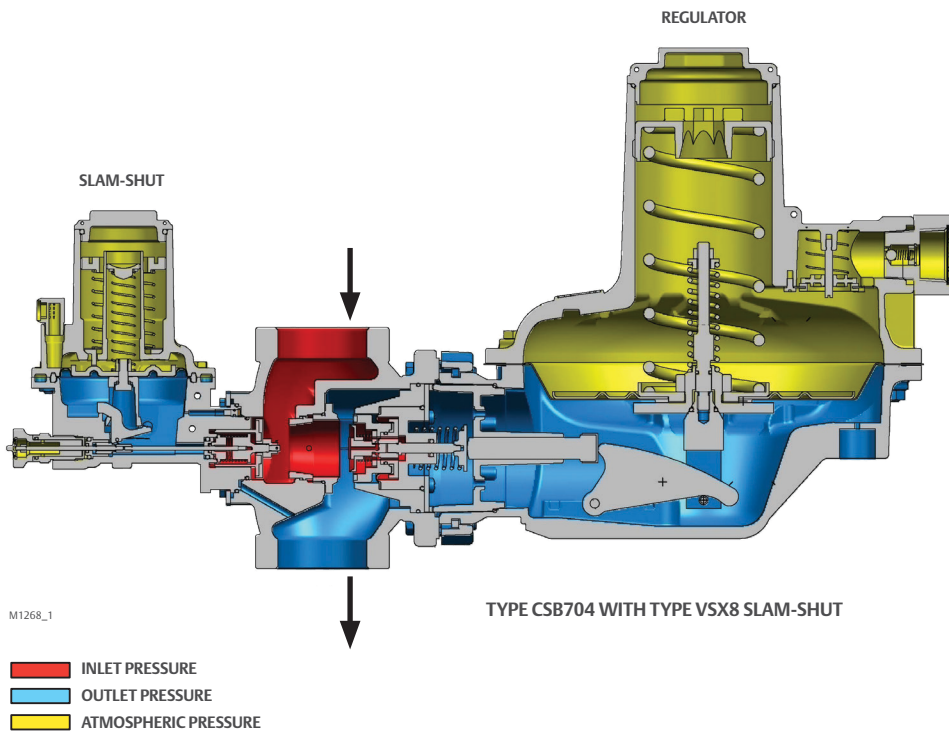
Product advantages

- Installation adaptability with wide variety of body sizes and end connections
- Increased reliability - integral slam-shut protects downstream equipment in the event of Over Pressure Shut Off and Under Pressure Shut Off conditions
- High productivity by easy maintenance - only standard tools required for pressure adjustment and orifice removal
- Application flexibility in industrial and commercial application by platform breath and applications coverage



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Overpressure protection option



Internal token relief

Relieves gas through the spring case vent to provide protection for minor overpressure incidents

Slam-shut

Shuts off gas service to the downstream system in the event of an overpressure or underpressure condition

CSB700 Series features

- **Operation:**
Direct-operated, pressure reducing
- **Body sizes:**
1-1/2 and 2 in. NPT
1-1/2 and 2 in. Rp
DN 50, CL125 FF (ductile iron only)/CL150 FF
DN 50, PN 10/16
DN 32 and 40, PN 16 slip-on
- **Maximum operating inlet pressure:**
Up to 232 psig / 16.0 bar
- **Maximum emergency inlet pressure:**
Up to 290 psig / 20.0 bar
- **Outlet pressure range:**
0.13 to 58 psig / 9 mbar to 4 bar
- **Temperature capabilities:**
According to PED standards:
-4 to 140°F / -20 to 60°C
Non-PED:
-22 to 151°F / -30 to 66°C
- **Spring case vent connection:** 1/2 NPT, 1 NPT
- **Inlet tapping connection:** 1/4 NPT
- **Pressure registration:** External
- **Body material:** Ductile cast iron and steel
- **Overpressure protection:**
Slam-shut protection
Internal token relief

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The distinctive swirl pattern cast into every actuator casing uniquely identifies the regulator as part of the Fisher™ brand Commercial Service Regulator family and assures you of the highest-quality engineering, performance, and support traditionally associated with Fisher™ and Tartarini™ regulators. Visit www.fishercommercialservice.com to access interactive applications.

