

# CS800 Series

Commercial Service Reliability



Type CS800IR

## Fisher® CS800 Series

The CS800 Series direct-operated, spring-loaded regulators have been engineered to fit a multitude of pressure-reducing applications including low pressure commercial service installations. The CS800 Series regulators can accommodate up to 21 600 000 BTU per hour / 243 SCMH of flow capacity and are available in 1-1/2 and 2-inch body sizes with 8-inches w.c. to 5.5 psig / 20 mbar to 0,38 bar pressure ranges.

## Product Advantages

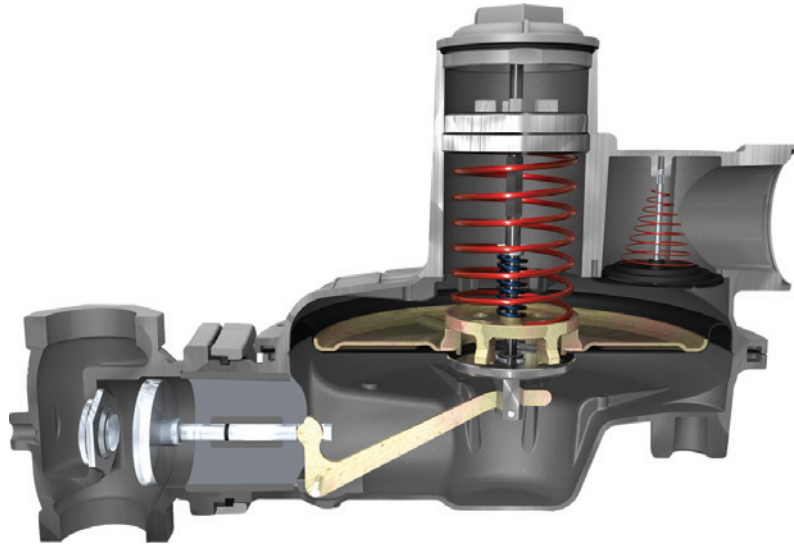
- Up to 2-inch body size with NPT or flange end connection
- Capacities from 10M to 20M BTU per hour / 112 to 224 SCMH
- Functionality tested from -40° to 160°F / -40° to 71°C
- Flow optimized discs provide maximum flow
- Internal relief for overpressure protection
- Ease of maintenance and installation
- Enhanced construction materials for long-lasting strength



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# Overpressure Protection



## Internal Relief

Provides internal relief capacity to protect the device from minor overpressure incidents.

## CS800 Series Specifications

### Available Configurations:

Type CS800IR  
Type CS820IR

### Operation:

Direct-Operated, Pressure Reducing

### Body Sizes and End Connections:

1-1/2 and 2-inch NPT

### Maximum Allowable Operating Pressure:

30 psig / 2,1 bar

### Outlet Pressure Ranges:

8 to 12-inches w.c. / 20 to 30 mbar;  
1 to 2.5 psig / 0,07 to 0,17 bar;  
2.5 to 5.5 psig / 0,17 to 0,38 bar

### Pressure Settings:

11-inches w.c / 27 mbar;  
2 psig / 0,14 bar;  
5 psig / 0,35 bar

### Temperature Capabilities<sup>(1)</sup>:

-40° to 160°F / -40° to 71°C

### Spring Case Vent Connection:

1 NPT

### Pressure Registration:

Internal

### Body Material:

Gray Cast Iron

1. Product has passed Fisher® testing for lockup, relief start-to-discharge and reseal at -40°F / -40°C.

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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, Francel, and Tartarini regulators. Visit [www.fishercommercialservice.com](http://www.fishercommercialservice.com) to access interactive applications.

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