

# Commercial Service Reliability



**FISHER™**

**CP200 Series**



## Introduction

The CP200 Series pressure loaded regulators have been engineered to fit a multitude of pressure-reducing applications including commercial and light industrial installations. This flexibility is provided by the numerous body sizes, outlet pressure settings and orifice sizes. The CP200 Series provides accurate control for use in pressure-factor measurement (PFM) and Fixed Factor billing applications. Further flexibility is provided by optional overpressure protection via Secondary Seat™ Protection. The Secondary Seat provides shutoff in the event that the primary orifice seating surface or disk surface becomes damaged or obstructed by debris and can no longer provide shutoff. (See Figure on the following page)

A Token Relief is also offered that provides relief of minor overpressure caused by nicks on the orifice/disk or debris obstructing complete shutoff and provides an indication via smell that an overpressure situation is occurring.

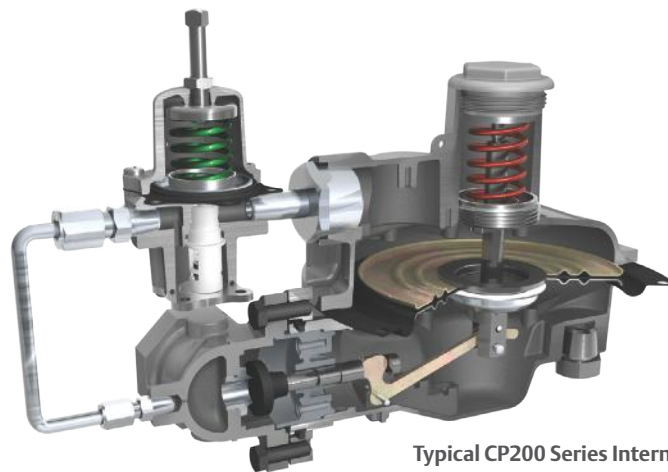
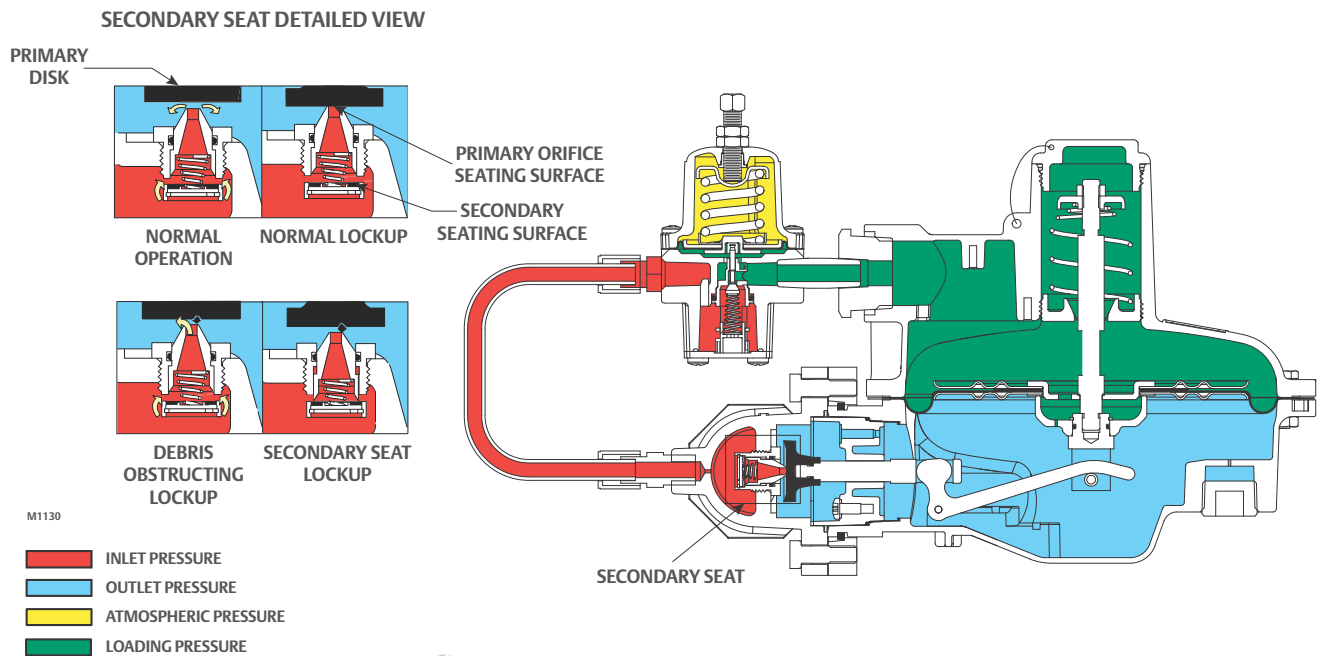
## Product Advantages

- 3/4, 1 and 1-1/4 NPT Bodies
- Multiple Overpressure Protection Options
  - Secondary Seat Protection
  - Secondary Seat Protection with bleed
  - Token Relief (relief of minor overpressure conditions)
- Fixed Factor / PFM Accuracy
- Internal registration provides compact installation
- Only standard tools required for pressure adjustment and orifice removal



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# Optional Secondary Seat™ Protection



Typical CP200 Series Internal View

## Specifications

- **Operation:** Pressure Loaded Pressure Reducing Regulator
- **Body Sizes:** 3/4, 3/4 x 1, 3/4 x 1-1/4, 1, 1 x 1-1/4 and 1-1/4 NPT
- **Outlet Pressure Range:** 1 to 20 psig / 69 mbar to 1.4 bar
- **Maximum Outlet (Casing) Pressure:** Up to 25 psig / 1.7 bar
- **Temperature Capabilities:** -20 to 150°F / -29 to 66°C
- **Pressure Registration:** Internal
- **Body Material:** Gray Cast Iron
- **Overpressure Protection:** Secondary Seat Protection, Token Relief (relieves minor overpressure conditions caused by nicks on the orifice/disk or debris obstructing complete shutoff)

### Emerson Automation Solutions

#### Americas

T +1 800 558 5853  
T +1 972 548 3574

#### Europe

T +39 051 419 0611

#### Asia Pacific

T +65 6777 8211

#### Middle East / Africa

T +971 4811 8100

- ✉ [webadmin.regulators@emerson.com](mailto:webadmin.regulators@emerson.com)
- 🔍 [Fisher.com](http://Fisher.com)
- 📘 [Facebook.com/EmersonAutomationSolutions](https://Facebook.com/EmersonAutomationSolutions)
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