### Selection Chart

<table>
<thead>
<tr>
<th>Model</th>
<th>Trim Style</th>
<th>Pressure Registration</th>
<th>Amplification</th>
<th>Internal Relief</th>
<th>Overpressure Protection</th>
<th>Maximum Orifice/Port Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS200</td>
<td>Balanced</td>
<td>Internal</td>
<td>Direct Operated</td>
<td>Token</td>
<td>True-Monitor™ Protection</td>
<td>3/4, 1, 1-1/4 NPT</td>
</tr>
<tr>
<td>CS400</td>
<td>Balanced</td>
<td>Internal</td>
<td>Direct Operated</td>
<td>Standard</td>
<td>Slam-Shut Protection</td>
<td>1-1/4, 1-1/2, 2 NPT</td>
</tr>
<tr>
<td>CS800</td>
<td>Balanced</td>
<td>Internal</td>
<td>Direct Operated</td>
<td>High-Capacity</td>
<td>High-Capacity Relief</td>
<td>1-1/4, 1-1/2, 2 NPT</td>
</tr>
<tr>
<td>CSB400</td>
<td>Balanced</td>
<td>Internal</td>
<td>Direct Operated</td>
<td></td>
<td>Secondary Seat™ Protection</td>
<td>1, 1-1/4, 1-1/2, 2 NPT</td>
</tr>
<tr>
<td>CSB600</td>
<td>Balanced</td>
<td>Internal</td>
<td>Direct Operated</td>
<td></td>
<td></td>
<td>1-1/4, 1-1/2, 2 NPT</td>
</tr>
<tr>
<td>CSB700</td>
<td>Balanced</td>
<td>Internal</td>
<td>Direct Operated</td>
<td></td>
<td></td>
<td>1-1/4, 1-1/2, 2 NPT</td>
</tr>
<tr>
<td>CP200</td>
<td>Balanced</td>
<td>Internal</td>
<td>Pressure-Loaded</td>
<td></td>
<td></td>
<td>3/4, 1, 1-1/4 NPT</td>
</tr>
<tr>
<td>CP400</td>
<td>Balanced</td>
<td>Internal</td>
<td>Pressure-Loaded</td>
<td></td>
<td></td>
<td>1-1/4, 1-1/2, 2 NPT</td>
</tr>
</tbody>
</table>

**The Highest Quality Engineering and Performance Tailored to Fit Your Application**

**Our Unique Commercial Service Regulator Platform**

- **Trim Style**
  - Balanced
  - Unbalanced
- **Pressure Registration**
  - Internal
  - External
  - Dual
- **Amplification**
  - Direct Operated
  - Pressure-Loaded
- **Internal Relief**
  - Token
  - Standard
  - High-Capacity

**The distinctive swirl pattern cast into every Commercial Service Regulator actuator casing, uniquely identifies the regulator as a genuine Fisher Commercial Service Regulator Platform product, and assures you of the highest quality engineering, performance and support traditionally associated with Fisher®, Francel™ and Tartarini™ regulators.**

**Pressure Registration**
- Internal
- External
- Dual

**Overpressure Protection**
- True-Monitor™ Protection
- Slam-Shut Protection
- High-Capacity Relief
- Secondary Seat™ Protection

**Our Global Product Brands:**
- **Emerson Process Management Regulator Technologies, Inc.**
  - **Americas**
    - Natural Gas: T: +1 800 558 5853
    - Industrial: T: +1 800 558 5853
    - LP-Gas: T: +420 2 710 35 607
    - TESCOM: T: +49 (0) 388 23 31 0
  - **Europe**
    - Natural Gas: T: +39 051 4190611
    - Industrial: T: +39 051 4190606
    - LP-Gas: T: +65 6770 8337
  - **Asia Pacific**
  - **Middle East**

For further information visit [www.emersonprocess.com/regulators](http://www.emersonprocess.com/regulators)

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**Commercial Service Regulator Platform**

Engineered to fit a multitude of applications.
High-Capacity Internal Relief

Full capacity internal relief minimizes the need for secondary overpressure protection devices.

Every global customer has a unique gas system based on inlet pressures, delivery pressures, accuracy, flow and overpressure protection requirements. To meet these needs, customers currently utilize several regulator designs and overpressure protection methods from one or more suppliers. This results in nonstandard installations or meter sets, various maintenance requirements and methods, training issues and stocking of a multitude of spare parts.

To meet the current and future needs of worldwide customers, Emerson Process Management has designed the Commercial Service Regulator platform. This platform brings a patentable, modular design that has never been seen in previous regulators, resulting in:

• Easy product sizing and selection
• Broad platform, wide application coverage
• Reduced inventory through shared parts
• Reduced training and maintenance through streamlined design

The Ultimate in Selectivity

With three new actuator designs and modular components, the Commercial Service Regulator Family’s universal platform offers advanced capabilities and overpressure protection options.

Product Advantages:

- Lower cost of ownership
- Reduced time and expense for training, installation, and maintenance
- Highly configurable
  - All actuators and slam-shut are fully rotatable for installation in any orientation
  - External, internal, dual-registration for flexible skid and field installation
  - Multiple overpressure protection options
  - Balanced or unbalanced trims
- Multiple body sizes and configurations to fit new and replacement applications

Proven Performance

To ensure the same standard of excellence as the current Fisher®, Francel™ and Tartarini™ products, Emerson utilized state-of-the-art computerized design and engineering tools. These tools included computational fluid dynamics (CFD), finite element analysis (FEA) and 3-D parts modeling. All designs were extensively tested in Emerson’s world-class flow testing laboratory.

Products are designed and tested in accordance with the following industry standards:

- EN 334 and EN 14382
- Pressure Equipment Directive (CE)
- ANSI B16.1
- ASME Section 8
- ANSI B109.4
- CSA B149/CSA 6.18
- Measurement Canada (PFM/Fixed Factor)

Complete Overpressure Protection

There is always a need for overpressure protection in gas distribution systems. To meet unique customer requirements, Emerson has designed the following options in overpressure protection:

- Next generation in True-Monitor™ Protection
- Enhanced slam-shut capability
- Improved internal relief
- The evolution of Secondary Seat™ Protection

These technological advancements provide complete overpressure protection.

Next Generation of Pressure Regulator Technology

The Commercial Service Regulator Family of Products from the Technology Leader in Pressure Regulation

CS600 Series
CS200 and CS200 Series
CS200 and CP200 Series
CS200, CS400, and CS200 Series
CS800 Series

CSB600 and CSB100 Series

Next generation in True-Monitor™ Protection

Combines the operation of a conventional two-regulator wide-open monitor set into one body.

Slam-Shut Protection

Discontinues gas service by shutting the gas off if there is an overpressure or underpressure condition.

Secondary Seat™ Protection

Provides overpressure protection in case of a lockup failure of the primary orifice and seat.

True-Monitor™ Protection

Combines the operation of a conventional two-regulator wide-open monitor set into one body.

Full-capacity internal relief increases the need for secondary overpressure protection devices.