

**Capacity Range:**  
450 to 18,100 scfh (10 to 500 Nm<sup>3</sup>/hr)



## Selas Balanced Zero Regulator BZR

*Selas Balanced Zero Regulators feature a rugged, large diaphragm actuated valve assembly, sensitively balanced at near zero pressure.*

### How It Works

The BZR regulator series is available for precise control of ambient temperatures up to a continuous operating range of

150° F (Model BZR-150). For heated gases or higher ambient operating conditions, models BZR-300, BZR-500 and BZR-700 are available.

### Applications:

- Precisely controls gas flow on all types of combustion systems including proportioning premixers, nozzle mixers and mixing tees



Diverse Combustion Technologies. One Reliable Source.

## Operating Principles

Selas Model BZR-B uses a gas adjuster downstream of a negative biased regulator, so high fire can be set to stoichiometric conditions. As the system is turned down, the spring bias will subtract from the combustion air pressure causing the burner to go lean. Model BZR-B-300 is available for up to 300° F service.

The Pyronics Gas-Lok is a modification of the Zero Governor enabling its use as both a precision balanced regulator and operating shutoff valve.

Features	Benefits
Turndown up to 200:1	Energy efficiency
Operating temperatures to 150 °F	Designed for accurate control
Maximum pressure differential: 14.0 W.C.	Delivers gas at a precise pressure
All units factory tested and sealed before shipment	"Plug and play" operation



11012 Aurora Hudson Rd • Streetsboro, OH 44241  
**1-800-523-6500 • [sales@selas.com](mailto:sales@selas.com)**  
**[www.selas.com](http://www.selas.com)**