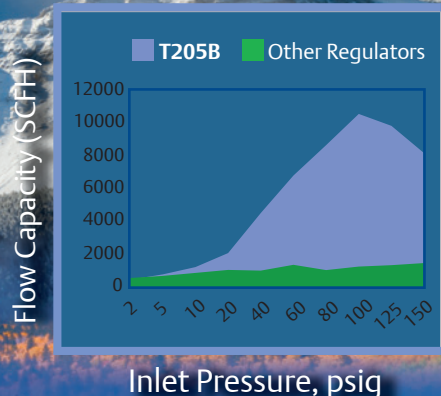


T205B

Balanced Tank Blanketing Regulator

Best in Class Flow Capacity



- Patent-pending design for superior flow and pressure management
- Specifically designed for pressure-sensitive tank blanketing applications
- Self-operated for quick response to tank pressure changes

* Based on published data of leading competitors

Introduction

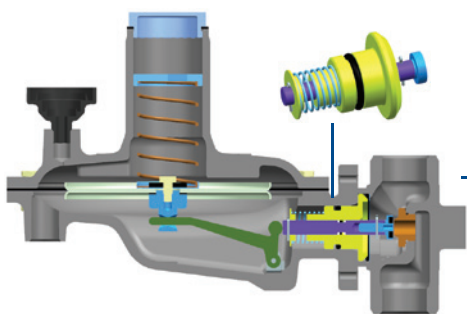
The Type T205B is a direct-operated, internally balanced regulator. This balanced design allows for greater fluctuations in inlet pressure, as well as much greater flow capacity. Higher flow has become increasingly important as updated tank blanketing sizing guidelines* often result in greater flow requirements.

* Such as API 6th Edition 2009 and ISO 28300 2008

Application

The Type T205B regulator has been specifically designed for tank blanketing applications. In tank blanketing, a gas such as nitrogen is brought into the tank in order to inert the vapor space above the liquid. This application is characterized by low pressure. The Type T205B is able to maintain very low pressure setpoints and respond to very small changes in pressure.

Patent-Pending Balanced Trim Design



The Type T205B features a **patent-pending balanced trim design**. This unique design allows the regulator to achieve **much higher flow capacities** than traditional designs. It is less susceptible to pressure fluctuations that can originate from the blanketing gas supply - thus delivering **more accurate performance**.



www.emersonprocess.com/regulators

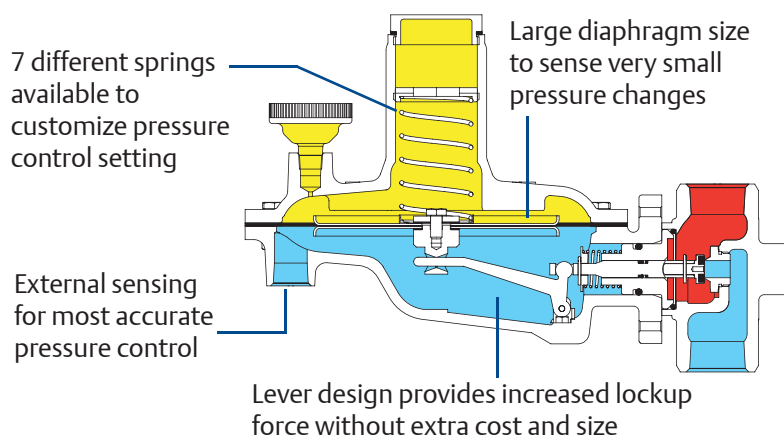
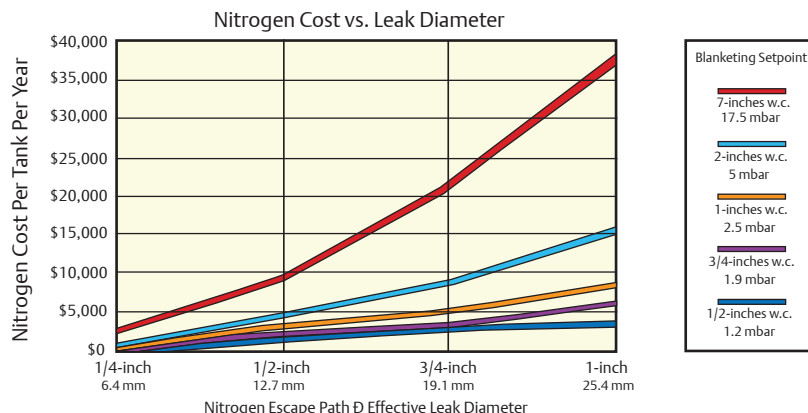


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T205B

Balanced Tank Blanketing Regulator

By introducing the least amount of gas required into a tank, the volume of gas that escapes through poorly sealed vents and other paths is reduced. In this way, significant blanketing gas costs can be saved. In order to accomplish this, a regulator that can sense very low pressures, such as the Type T205B, is required.



- Sizes: 3/4" and 1"
- Body and Casing Materials: Cast Iron, Steel, Stainless steel (316L)
- End Connections: NPT, CL150 RF, CL300 RF, PN 16/25/40
- Maximum Inlet Pressure: 200 psig
- Control Pressure Range: 1 inch w.c. to 7 psig
- Trim Materials: FEP, NBR, FKM, FFKM, EPDM



A variety of trim materials are available, designed to withstand the toughest tank environments.

Durable casing and body, designed for many years of service. Available in 316L stainless steel for greater chemical resistance.

Quality Assurance



Distinctive diamond shape cast into spring case uniquely identifies the product as part of the Fisher® brand and assures you of the highest-quality engineering, durability, performance, and support.

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