

R72 SERIES

Back Pressure Regulator

Solutions for Life



» R72SLAK-EW-00-00

GENTEC® R72 Series Back Pressure Regulator is a piston-sensed high purity back regulator designed for analytical applications where a constant back pressure is desired.

Product Features

- Piston Type Configuration
- Inlet & Outlet Port Size: 1/4" NPT(F)

Materials

- **Body:** 316L Stainless Steel, Nickel-Plated Brass
- **Seat:** PCTFE
- **Piston:** 316L Stainless Steel
- **Stem:** 316L Stainless Steel
- **Spring:** 316L Stainless Steel

Applications

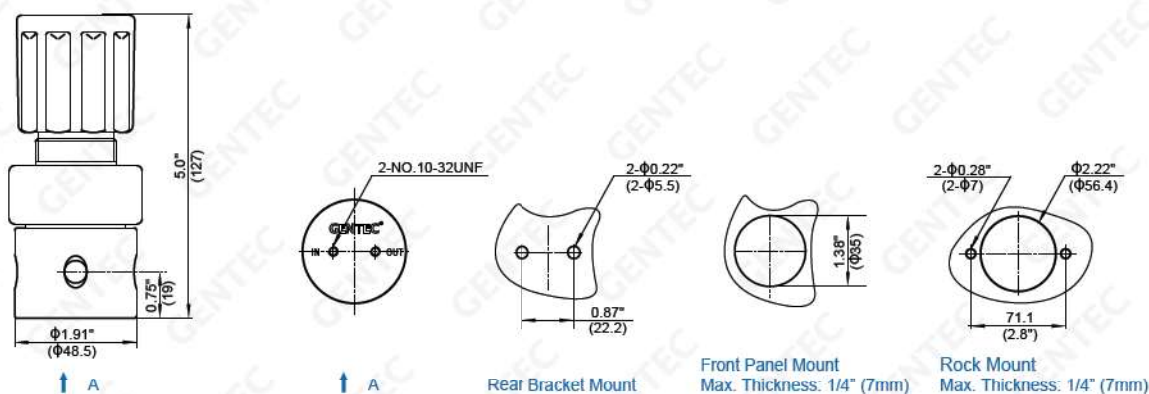
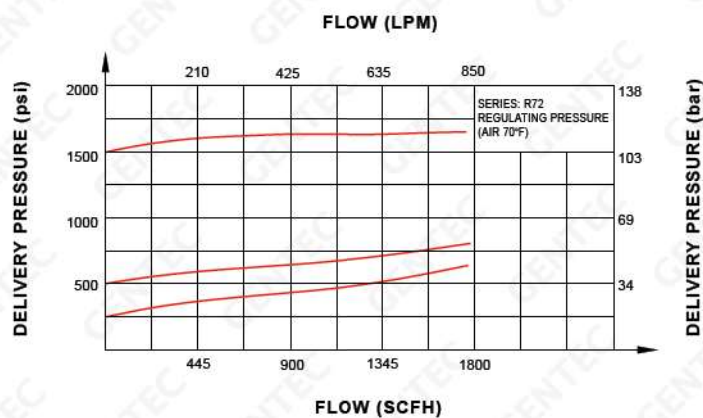
- Process Control
- Petrochemical Industry
- Gas Chromatography
- Research Laboratories

Specifications

- **Maximum back pressure:** 1500 psi (103 bar)
- **Maximum working pressure:** 2300 psi (158 bar)
- **Safety test pressure:** 1.5 x Maximum pressure
- **Temperature range:** -40 to 165°F (-40 to 74°C)
- **Inboard leakage:** 2×10^{-8} atm.cc/sec He
- **Outboard leakage:** 2×10^{-8} atm.cc/sec He
- **Maximum Cv:** 0.14
- **Weight:** 2.65 lb (1.2 kg)

Body Port



Dimensions**Flow Data****Ordering Information**

EX: R72SL	A	K -	E	W -	00 -	00 -	P
Series	Body Ports	Seat	Inlet Pressure Range	Gauge	Inlet Connections	Outlet Connections	Options
• R72B (Brass) • R72SL (316L)	A	K: PCTFE	E: 0-1500 psi (103 bar) F: 0-500 psi (35 bar) G: 0-250 psi (17 bar)	W: No Gauge	00: 1/4" NPT(F) Other connections available*	00: 1/4" NPT(F) Other connections available*	Blank: None P: Panel Mount

*: For more connection options contact Gentec.