

# 480 Series Stainless Steel Bodied Back Pressure Regulator



The 480 Series regulators are intended for upstream or inlet pressure control in ultra high purity and corrosive high purity applications. Typically, the 480 Series are used to provide system pressure control, acting as a highly accurate relief valve

- Pressure ranges of 0-15 to 0-250 PSI are available, covers a broad range of applications
- 316L Stainless steel bar stock body means a smoother surface finish
- Versatility to configure the regulator with either front or rear panel mounting
- Accurate pressure control
- 316L stainless steel diaphragm
- Leak test certificate

## Specifications:

**Max. Inlet Pressure:** 250 PSI (17 BAR)

**Gauges:** N/A

**Temperature Range:** -40° C to 60° C

**Body Ports:** 1/4" NPT(F)

**Helium Leak Integrity:** 1 x 10<sup>-9</sup> scc/sec

**Cv:** 0.1

**Weight:** 1.1 kg

## Materials:

**Body:** 316L Stainless steel bar stock

**Bonnet:** Chrome plated brass bar stock

**Seat:** Viton

**Diaphragm:** 316L stainless steel

**Internal Seals:** PTFE

## ORDERING INFORMATION

S480 - XXX - XXX - XXX - XX

Series	Outlet Pressure	Inlet Fitting	Outlet Fitting	Options
S480	15 (0-15 psi)	4F (1/4" NPT Female)	4F (1/4" NPT Female)	03 (Panel mount kit)
	50 (0-50 psi)	4S (1/4" Tube)	4S (1/4" Tube)	04 (Wall mount bracket)
	100 (0-100 psi)	8S (1/2" Tube)	8S (1/2" Tube)	
	250 (0-250 psi)	Others see outlet fitting chart	Others see outlet fitting chart	

