

BACK PRESSURE REGULATORS



BP-300

Economical low pressure back pressure regulator with a convoluted Inconel diaphragm, ideal for clean or corrosive gases.

Port size	Cv	Service	Max rating	Seat	Max inlet control	Sensing element
1/4"	0.1	Gas	35bar 500psi	Viton™ EPDM	20bar 300psi	Diaphragm



BP-301

Versatile and compact piston sensed regulator with two sensor ranges and two seating sizes to provide excellent control on liquid or gas applications.

Port size	Cv	Service	Max rating	Seat	Max inlet control	Sensing element
1/4"	0.1 0.5	Gas Liquid	300bar 4350psi	PCTFE PEEK	150bar 2175psi 35bar 500psi	Piston



BP-MF400 BP-MF401

Diaphragm or piston sensed elements with balanced main valve ensure accurate control across the full range of inlet pressures.

Port size	Cv	Service	Max rating	Seat	Max inlet control	Sensing element
1/2" 3/4"	2.0	Gas	400bar 5800psi	PCTFE PEEK	10bar 150psi 400bar 5800psi	Diaphragm Piston



BP-LF690

A combination of precision machined elements and heavy duty springs provide control of inlet pressures to 690bar on gas or liquid applications.

Port size	Cv	Service	Max rating	Seat	Max inlet control	Sensing element
1/4"	0.1	Gas Liquid	690bar 10000psi	PEEK HASTELLOY™	690bar 10000psi	Piston



BP-MF690

Unique ceramic seating for liquid applications provides excellent protection from cavitation and positive shut off on medium flow applications. A PEEK seat is used for gas applications.

Port size	Cv	Service	Max rating	Seat	Max inlet control	Sensing element
1/2" 3/4"	0.5 1.5	Gas Liquid	690bar 10000psi	PEEK Ceramic	414bar 6000psi 300bar 4350psi	Piston