

Regulators

Back Pressure Regulators



- ABP1** (Catalog 4510)
 - Reduce contamination and accurately control back pressure
 - Internally threadless design
- Convoluted Hastelloy C-22® diaphragm
 - Integral diaphragm stop



- ABP3** (Catalog 4510)
 - Internally threadless design
 - Provides sensitive pressure adjustments
- Large convoluted Hastelloy C-22® diaphragm
 - Integral diaphragm stop



- BPR50** (Catalog 4510)
 - For use with corrosive and non-corrosive fluids
 - Adjustable from 100 psi (6.7 bar) to 2000 psi (138 bar)
- Piston sensed high pressure back pressure regulator

Regulator Groups	Model Series	Type	Pressure	Cv		Body Material			Connections		Catalog
			Maximum Inlet Pressure	Min	Max	316L SS	Hastelloy C-22®	Monel®	Min FNPT	Max FNPT	
Back Pressure	ABP1	General Purpose	Up to 500 psig 34 barg	0.06	0.30	X	X	X	1/8"	1/4"	4510
	ABP3	Sensitive	Up to 60 psig 4 barg	0.06	0.30	X	X		1/8"	1/4"	4510
	BPR50	High Pressure	Up to 2500 psig 172 barg	0.45	0.45	X			1/4"	1/4"	4510

Vaporizing Regulators



- AVR3** (Catalog 4512)
 - Steam heat design
 - Field serviceable heat transfer element
- Internally threadless design
 - Internal liquid volume only .5cc
 - Convoluted Hastelloy C-22® diaphragm



- AVR4** (Catalog 4512)
 - Electrical heat design
 - Field serviceable heat transfer element
 - CSA, Cenelec, and ATEX certified
- Internally threadless design
 - 120v or 240v, 50/60 Hz
 - Convoluted Hastelloy C-22® diaphragm

Regulator Groups	Model Series	Type	Pressure		Cv		Body Material		Connections		Catalog
			Maximum Inlet Pressure	Maximum Outlet Pressure	Min	Max	316L SS	MONEL®	Min FNPT	Max FNPT	
Vaporizing Regulators	AVR3	Steam Heated	4000 psig 276 barg	500 psig 34 barg	0.06	0.06	X	X	1/8"	1/8"	4512
	AVR4	Electrically Heated	4000 psig 276 barg	500 psig 34 barg	0.06	0.06	X	X	1/8"	1/8"	4512