



HIGH FLOW PISTON SENSED *Back Pressure Regulators*



PREMIER INDUSTRIES

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Minneapolis, MN 55449
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MADE IN THE USA

Minneapolis, MN

DESCRIPTION

Premier 5150 low pressure, high flow, back pressure regulators rated for control pressures up to 200 PSIG (13.79 bar) and Cv 5.0 max.

FEATURES

- Cv: 5.0 max
- 200 PSIG (13.79 bar) max control pressure
- Economical pricing
- Compact, non-rising stem
- Machined bar stock body eliminates porosity found in castings

*The Premier 5150 Series pressure reducing regulator's design is remarkably flexible.
Contact Premier Industries for a custom 5150 Series regulator to meet your exact needs.*

D/C: 182905

5150 SERIES

HIGH FLOW PISTON SENSED Back Pressure Regulators



SPECIFICATIONS

- **CONTROL PRESSURE RANGES:**
 - 0-25 PSIG (0-1.72 bar)
 - 0-50 PSIG (0-3.45 bar)
 - 0-125 PSIG (0-8.62 bar)
 - 0-200 PSIG (0-13.79 bar)
- **FLOW COEFFICIENT (Cv):** 5.0 max

MATERIALS OF CONSTRUCTION

- **BODY OPTIONS:**
 - 316 Stainless Steel
 - 303 Stainless Steel
 - 6061-T6 Aluminum, clear anodized
- **SEALS & SEAT MATERIAL OPTIONS:**
 - Buna-n
 - Viton®
 - EPDM
- **MAIN VALVE STEM:**
 - 17-4 Stainless Steel

PORTING

- **STANDARD INLET:**
 - 3/4" FNPT
- **STANDARD OUTLET:**
 - 3/4" FNPT

OPTIONS

- Private labeling



(Part number: 50-12800 shown above)



**HIGH FLOW
PISTON SENSED**
Back Pressure Regulators



PART NUMBER	-	1	2	3	4	5
50-12800	-					

1	BODY & SENSOR ASSEMBLY
1	6061-T6 Aluminum, Clear Anodize
2	303 Stainless Steel
3	316 Stainless Steel
2	SEAL MATERIAL
1	Buna-n
2	Viton®
3	EPDM
3	PORTING
1	3/4" FNPT

4	CONTROL PRESSURE
1	0-25 PSIG (0-1.72 bar)
2	0-50 PSIG (0-3.45 bar)
3	0-125 PSIG (0-8.62 bar)
4	0-200 PSIG (0-13.79 bar)
5	GAUGES
0	None