

5000 SERIES

High Flow, High Pressure, Piston SensedPressure Reducing Regulators



The Premier 5000 Series regulators are high flow, piston sensed, pressure reducing regulators, designed for inlet pressures up to 4500 PSIG (310.26 bar), outlet pressures of 0-2500 PSIG (0-172.37 bar) with a Cv of 2.0 or 1.0.

Designs are available with adjustable or preset outlet pressures. Premier 5000 Series regulators are used to regulate to a broad range of non-corrosive and corrosive media (based on materials of construction).

FEATURES

- High flow (Cv 2.0 or 1.0)
- 4500 PSIG (310.26 bar) max inlet
- Non-venting
- Very competitive pricing

 Machined bar stock body, bonnet and piston eliminates porosity found in castings

SOME APPLICATIONS WILL REQUIRE A CUSTOM SOLUTION.CONTACT PREMIER INDUSTRIES TO REQUEST A MODIFICATION OR A CUSTOM DESIGN.





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SPECIFICATIONS

- MAXIMUM INLET PRESSURE:
 - 4500 PSIG (310.26 bar)
- CONTROL PRESSURE RANGES:
 - 0-850 PSIG (0-58.61 bar)
 - 0-2500 PSIG (0-172.37 bar)
- Cv: 2.0, 1.0
- LEAK RATE: Bubble tight

MATERIALS OF CONSTRUCTION

• BODY: 303 Stainless Steel

• BONNET: 303 Stainless Steel

· SEALS:

• Viton®

MAIN VALVE SEAT: Vespel®

• WETTED PARTS: 300 Series Stainless Steel

• HAND KNOB: 6061-T6 Aluminum

PORTING

- INLET PORTING:
 - 1/2-14 NPT
 - 1/4-18 FNPT
- OUTLET PORTING:
 - 1/2-14 NPT
 - 1/4-18 FNPT

OPTIONS

· Private label

• Cv 1.0: *P/N: 50-12403*

• Cv 2.0: P/N: 50-11969

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Contact factory for material certifications. Fees may apply.

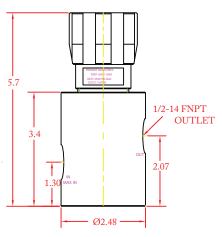




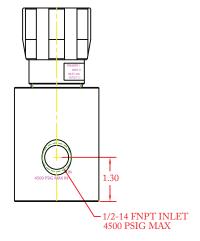
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PART NUMBER: 50-11969 (Cv 2.0)







PART NUMBER: 50-12403 (Cv 1.0)







763.786.4020 SALES@PREMIERIND.US D/C: 151108

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