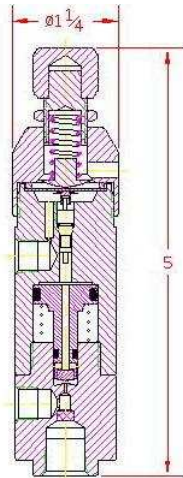


## SERIES 4300-N MINI TWO STAGE PRESSURE REDUCING REGULATOR



### Description:

This miniature, two stage (1st stage piston, 2nd stage diaphragm) regulator, is intended for low-flow gas services, regulating a broad range of media compatible with materials of construction. The numerous configurations available make it ideal for use in labs, industrial monitors, and with disposable / transportable gas cylinders.

◆ The **Model 4300-N Regulator** shown is clear anodized aluminum with a 1/4 FNPT inlet port, 1/8 FNPT outlet port and inlet and outlet gauges.



### Premier Model 4300-N Pressure Reducing Regulators offer:

#### Features:

- Precise, stable delivery pressure even as the supply pressure decreases
- Low internal volume promotes quick gas flow stabilization and purging
- Models are available for both corrosive and non-corrosive service.
- Major components available in numerous materials
- Machined bar stock body, interstage, bonnet and piston eliminates porosity found in castings
- Numerous porting configurations are available
- Integral inlet filter
- Compact size (1/4 in. diameter x 5 in. high)
- Extremely light weight
- Very competitive pricing

#### Specifications:

- ◆ **Maximum Inlet Pressure:** 3000 PSI
- ◆ **Outlet:** 0-50 PSI Variable Pressure Control
- ◆ **Leak Rate:** Bubble Tight
- ◆ **Weight:**
  - Approx. 9 oz. for Aluminum
  - Approx. 1.5 lbs for Brass and SS

#### Porting:

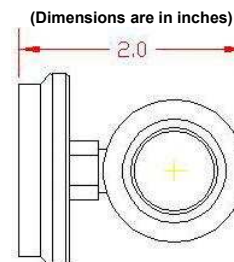
- ◆ **Inlet Connection:**
  - 1/8" FNPT
  - 1/4" FNPT
  - C-10 (5/8"-18 UNF)
  - All available CGA Connections
- ◆ **Outlet Connection:**
  - 1/8" FNPT
  - 1/8" Hose Barb
  - 3/16" Hose Barb
  - 1/4" Hose Barb

#### Optional Items:

- Inlet and/or Outlet Gauges
- Anodized Colors for Aluminum Bodies and Bonnets
- Private Label

#### Materials of Construction:

- ◆ **Body:**
  - SAE 360 Brass
  - SAE 360 Brass / Nickel Plated
  - 303 Stainless Steel
  - 6061-T6 Aluminum / Clear Anodized
- ◆ **Interstage:** Same as Body
- ◆ **Bonnet:** 6061-T6 Aluminum / Clear Anodized
- ◆ **Piston:**
  - SAE 360 Brass
  - 303 Stainless Steel
- ◆ **Diaphragm:**
  - Neoprene
  - Viton®
- ◆ **Piston Seals:**
  - Buna N
  - EPDM
  - Neoprene
  - Viton®
- ◆ **Valve Seats:** Teflon® & Neoprene
- ◆ **Inlet Filter:** 40 Micron Sintered 316 SS



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The **Model 4300-N Pressure Reducing Regulator's** design is remarkably flexible. Contact *Premier Industries* for a custom **Model 4300-N Regulator** to meet your exact needs.