

SPECIFICATIONS

MAXIMUM INLET PRESSURE

3000 PSIG (Dependent upon configuration)

Standard Present Control Pressure:

- 40-60 PSIG
- Other present control pressures optional

Leak Rate:

- Bubble Tight

Shut Off Valve Options:

- Rotary/Multi-turn
- Bayonet/Toggle

Flow Capacity (Cv):

- 0.3, 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 5.0, 6.0, 7.0, 8.0 SLPM

PORTING

Standard Inlet:

- C-10 (5/8"-18 UNF)
- 1/8" FNPT
- 1/8" MNPT
- 1/4" FNPT
- 1/4" MNPT
- All available CGA Connections

Outlet Porting:

- 1/8" FNPT
- 1/8" MNPT
- 1/4" FNPT
- 1/4" MNPT
- 3/16" Hose Barb
- 1/4" Hose Barb

MATERIAL OF CONSTRUCTION

Body Options:

- 6061-T6 Aluminum, Clear Anodized
- 316 Stainless Steel

Bonnet Options:

- 6061-T6 Aluminum, Clear Anodized
- SAE 360 Brass
- SAE 360 Brass, Electroless Nickel Plated

Piston:

- SAE 360 Brass
- 303 Stainless Steel
- 316 Stainless
- 6061-T6 Aluminum, Clear Anodized

Piston Seals: Teflon®

Valve Seat: Teflon®

Teflon® is a registered trademark of E.I. duPont de Nemours and Company



Compact, fixed flow, regulator used for calibration gases and industrial hygiene monitors.

The 2700 Series regulators are capable of regulating a broad range of media compatible with materials of construction. Flows are set using a unique integrated flow adjustment valve prior to shipment.

FEATURES AND BENEFITS

Compact size with optional body diameters of 1.5", 1.75", and 2.0"

Optional stainless steel diaphragm minimizes inboard diffusion of air into regulator (neoprene diaphragm also available)

Reduced particle contamination with 15 micron valve cartridge filter

3500 PSIG (241.3 bar) max inlet pressure

Cv 0.08 or 0.20

Optional integral needle style shut off valve

Optional low profile hand knob

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