

G SERIES FLOW REGULATORS

The Robertshaw® G Series Flow Regulators, formerly branded Dole, are designed for water and energy critical applications. The wide range of flexible orifice designs tightly control the desired flow output over a wide pressure drop range. The G Series is used in a broad range of applications including tankless heaters, cooling towers, fan coils, water softeners, pumps, drinking fountains, eye washes, fire sprinklers, filling equipment, dispensing machines, and water filters.

Features and Benefits

- Threshold pressure acts as a fixed orifice (Flow Characteristics on next page)
- Orifice maintains desired output even when threshold points cause the insert to distort (Chart on next page)
- Flow rates maintained to within $\pm 15\%$ up to a pressure drop of 125 PSI (Flow rate varies due to manufacturing tolerances and water temperatures)
- Regulators meet up to a maximum system pressure of 200 PSI
- Multi-orifice flow inserts in regulators with rates between 1 GPM and 4 GPM break up the water discharge pattern and minimize the sound made when water passes through the restriction

Specifications

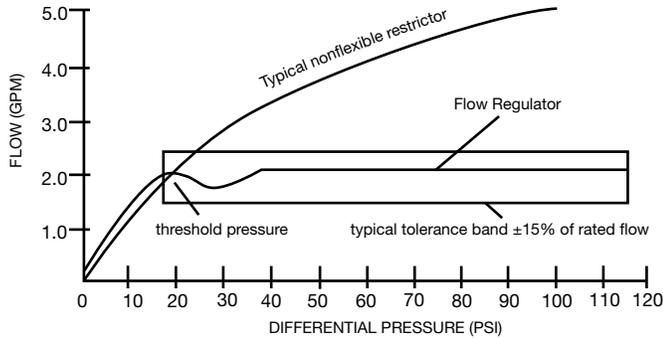
- Body Material: steel, stainless steel, brass
- Body Configuration: Straight through
- Inlet and Outlet Configurations range from 1/8" flare to 8" MNPT
- Maximum System Pressure: 200 PSI
- Agency Certifications:
 - Most models meet the NSF low lead requirements



G SERIES FLOW REGULATORS

PRODUCT DRAWING

FLOW CHARACTERISTICS

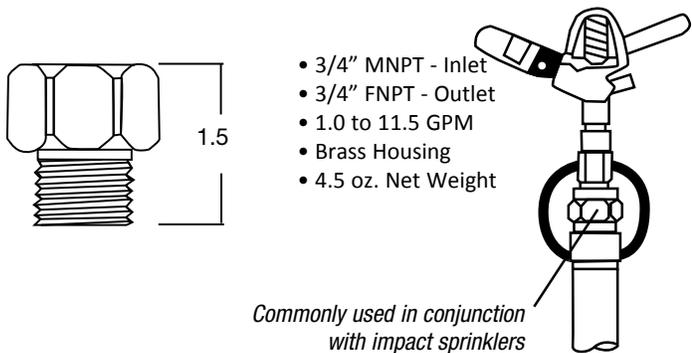


1. Calculated flow through 1/8" diameter orifice
2. Typical flow curve of 2 GPM Flow Regulator
3. Threshold pressure will vary with flow rating

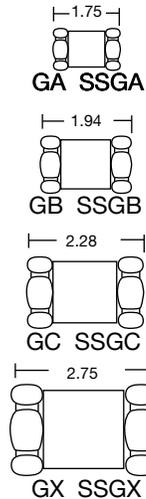
OPERATING PRINCIPLE



GY SERIES FLOW REGULATOR

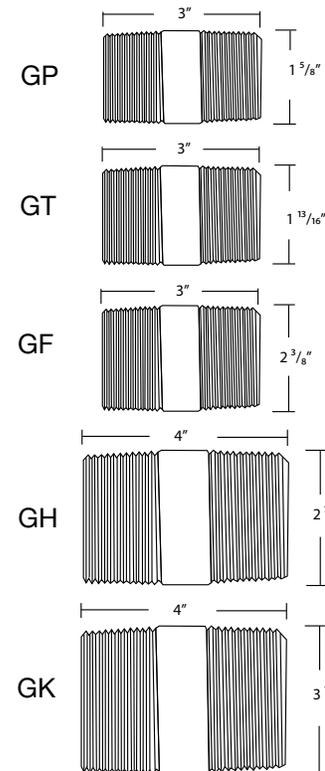


G SERIES FLOW REGULATORS: Brass Housing/Nickel Plated or 316 Stainless Housing



- 3/8" FNPT - Inlet Outlet
- 0.06 to 1.0 GPM
- 3 oz. Net Weight
- 1/2" FNPT - Inlet Outlet
- 1.0 to 6.0 GPM
- 4 oz. Net Weight
- 3/4" FNPT - Inlet Outlet
- 1.0 to 11.5 GPM
- 8 oz. Net Weight
- 1" FNPT - Inlet Outlet
- 30.0 to 90.0 GPM
- 3 lb. Net Weight

G SERIES FLOW REGULATORS: Steel Housing/Zinc Plated



- 1-1/4" MNPT - Inlet Outlet
- 1.0 to 30.0 GPM
- 12 oz. Net Weight
- 1-1/2" MNPT - Inlet Outlet
- 1.0 to 30.0 GPM
- 1 lb. Net Weight
- 2" MNPT - Inlet Outlet
- 10.0 to 30.0 GPM
- 1 lb. 10 oz. Net Weight
- 2-1/2" MNPT - Inlet Outlet
- 30.0 to 90.0 GPM
- 3 lb. Net Weight
- 3" MNPT - Inlet Outlet
- 30.0 to 120.0 GPM
- 3 lb. 7 oz. Net Weight