



Thank you for printing our pages here at Merrill Manufacturing, 800-831-6962.

Flow Control Valves Data

Flow Control Valve Data

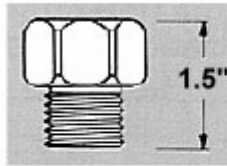
G Series Flow Regulators are designed to deliver a constant volume of water flow output over a wide pressure drop range. The controlling mechanism consists of a flexible orifice engineered to vary its effective area inversely to the applied pressure. At pressures above the threshold pressure the orifice distorts reducing the opening size to maintain the output flow rate to within $\pm 15\%$ up to pressure drops of 125 psi.

Special Order - Stainless Steel Available.

NOTE: Flow regulators are recommended for potable water below 180o F, flow tolerance of valve $\pm 15\%$, and maximum system pressure of 200 psi.

**For General Purpose,
Industrial, O.E.M. and Irrigation Applications**

**GY Series
Flow Regulators**
Commonly used with
impact sprinklers



GA 3/8"
GB 1/2"
GC 3/4"
GX 1"
GP 1-1/4"
GT 1-1/2"
GF 2"
GH 2-1/2"
GK 3"



FRGA38013



FRGB5010



FRGC7520

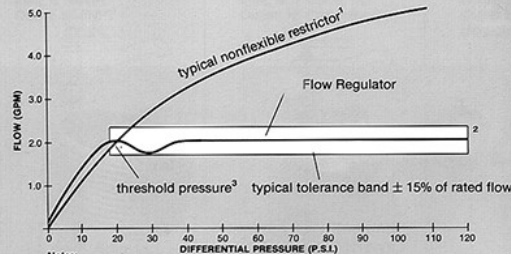


FRGX1015



FRGP12550

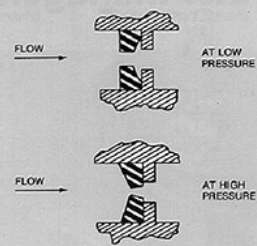
Flow Characteristics:



Notes:

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

Operating Principle:



[HOME](#) [PRODUCTS](#) [RESOURCES](#) [CONTACT US](#) [SITE MAP](#)

Merrill Manufacturing © 2017

