

GX SERIES – FLOW CONTROL VALVES

SPECIFICATIONS:

- 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.
- **NOTE: Flow regulators are recommended for potable water below 180°F, flow tolerance of valve $\pm 15\%$, and maximum system pressure of 200 psi.**
- Special order options are available in stainless steel.

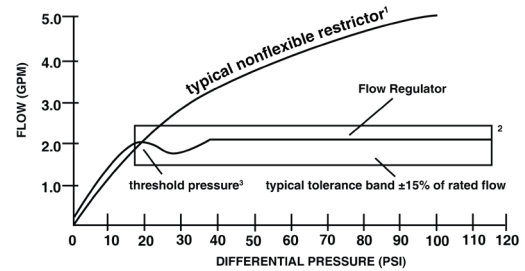
RATINGS:

- Flow Tolerance: $\pm 15\%$
- Max. Pressure Drop: 125 PSI
- Max. System Pressure: 200 PSI
- Max. Water Temperature: 180°F



No Lead

FLOW CHARACTERISTICS:



Notes:

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

DIMENSIONS					
Part No.	Inlet/Outlet NPT	Overall Length (Inches)	Flow Rate in GPM	Threshold Pressure (PSI)	Approx. Wt./Lbs.
FRGX1010	1" F	2.75	1.0	15 - 25	0.8
FRGX1015	1" F	2.75	1.5	15 - 25	0.8
FRGX1020	1" F	2.75	2.0	15 - 25	0.8
FRGX1025	1" F	2.75	2.5	15 - 25	0.8
FRGX1030	1" F	2.75	3.0	15 - 25	0.8
FRGX1035	1" F	2.75	3.5	15 - 25	0.8
FRGX1040	1" F	2.75	4.0	15 - 25	0.8
FRGX1045	1" F	2.75	4.5	15 - 25	0.8
FRGX1050	1" F	2.75	5.0	15 - 25	0.8
FRGX1055	1" F	2.75	5.5	15 - 25	0.8
FRGX1060	1" F	2.75	6.0	15 - 25	0.8
FRGX1070	1" F	2.75	7.0	15 - 25	0.8
FRGX1080	1" F	2.75	8.0	15 - 25	0.8
FRGX1090	1" F	2.75	9.0	15 - 25	0.8
FRGX10100	1" F	2.75	10.0	15 - 25	0.8
FRGX10120	1" F	2.75	12.0	15 - 25	0.8
FRGX10135	1" F	2.75	13.5	15 - 25	0.8
FRGX10150	1" F	2.75	15.0	15 - 25	0.8
FRGX10200	1" F	2.75	20.0	15 - 25	0.8
FRGX10250	1" F	2.75	25.0	15 - 25	0.8
FRGX10300	1" F	2.75	30.0	15 - 25	0.8

MATERIALS LIST	
Part Name	Material
Body	Nickel Plated No-Lead Brass
Seal	Nitrile/EPDM

OPERATING PRINCIPLE:

