



FLOW REGULATORS

PRODUCT DATA SHEET



The Eddington Flow Regulator is designed to deliver a constant volume of water flow over a wide pressure drop range. The constant flow of water is maintained by the use of the flexible orifice. The flow rate is maintained within $\pm 15\%$ between 15 and 125 psi. The flow rate varies due to manufacturing tolerances and water temperature. Eddington Industries manufactures Flow Regulators in various materials such as Nickel Plated Brass, Type 316 Stainless Steel, and PVC. Eddington Flow Regulators come in various flow rates and are 3/8", 1/2", 3/4", 1" FNPT, and 1 1/4", 1 1/2", 2", 2 1/2", and 3" MNPT and flow rates range from 0.5 to 120 gallons per minute (GPM). We permanently etch the direction of flow with an arrow, our part number and our web address on each Flow Regulator. To ensure proper operation, always install regulator with the arrow pointed downstream.

Made in the USA.

Part Number (Nickel Plated Brass)	Flow (GPM)	Inlet Connection	Diameter (inches)	Length (inches)
FR-038-S	.06 to 1.0	3/8" FNPT	7/8" HEX	1 3/4"
FR-050-S	1.0 to 6.0	1/2" FNPT	1" HEX	1 15/16"
FR-075-S	1.0 to 11.5	3/4" FNPT	1 1/4" HEX	2 9/32"
FR-100-S	1.0 to 30	1" FNPT	1 1/2" HEX	2 3/4"
FR-125-S	1.0 to 30	1 1/4" MNPT	1 1/4" PIPE	3"
FR-150-S	1.0 to 30	1 1/2" MNPT	1 1/2" PIPE	3"
FR-200-S	1.0 to 30	2" MNPT	2" PIPE	3"
FR-250-S	30 to 90	2 1/2" MNPT	2 1/2" PIPE	4"
FR-300-S	30 to 120	3" MNPT	3" PIPE	4 1/2"

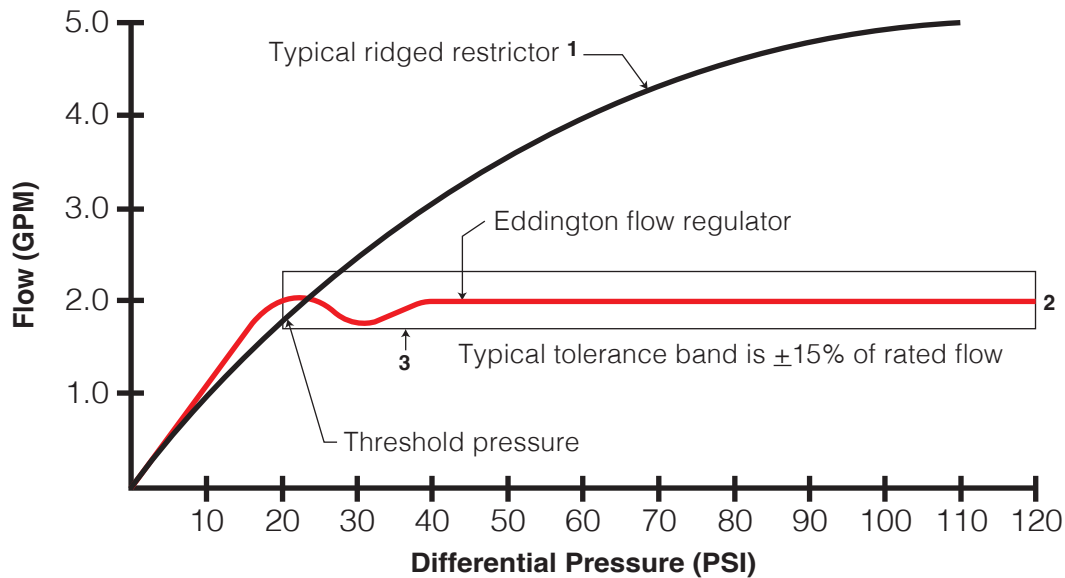
Eddington Industries Flow Regulators are designed for potable water use under 180°F using either Buna or EPDM orifices (standard is Buna). Eddington Industries Flow Regulators using Viton rubber orifices are designed for potable water use under 290°F.



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Flow Characteristics: FR Series Valves



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

APPLICATIONS

- Cooling towers
- Water softeners
- Tankless heaters
- Water filters
- Ground water heat pumps
- Irrigation systems
- Pumps (well and packing water)
- Drinking fountains
- Water purifiers

MATERIALS

- PVC, Stainless Steel, Lead-free Nickel Plated Brass
- Sizes: 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3" NPT
- Rubber orifice: Buna, Viton, EPDM
- Custom connections, materials and sizes available.
- Lead-free (LF) available