

For Commercial and Industrial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Model LF127W and LFF127W

High Capacity Water Pressure Reducing Valves

Size: 3" - 4"

Model LF127W and LFF127W High Capacity Water Pressure Reducing Valves are designed to reduce incoming water pressure to a sensible level to protect plumbing system components and reduce water consumption. The LF127W and LFF127W are remote control type regulators ideal for commercial and industrial applications where a regulator must reach full capacity with a minor drop in reduced pressure. These models are also suitable for applications where close pressure regulation is required through extensive volume demand. These models are suitable for water supply pressures up to 175psi (12.1 bar) and may be adjusted from 25 – 100psi (172 – 690 kPa). All parts are quickly and easily serviceable.

The LF127W and LFF127W feature Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Lead Free* body construction
- Replaceable stainless steel seat
- Outstanding maintenance features
- Close control of reduced pressure
- High temperature-resisting diaphragm
- Interchangeable diaphragm chamber

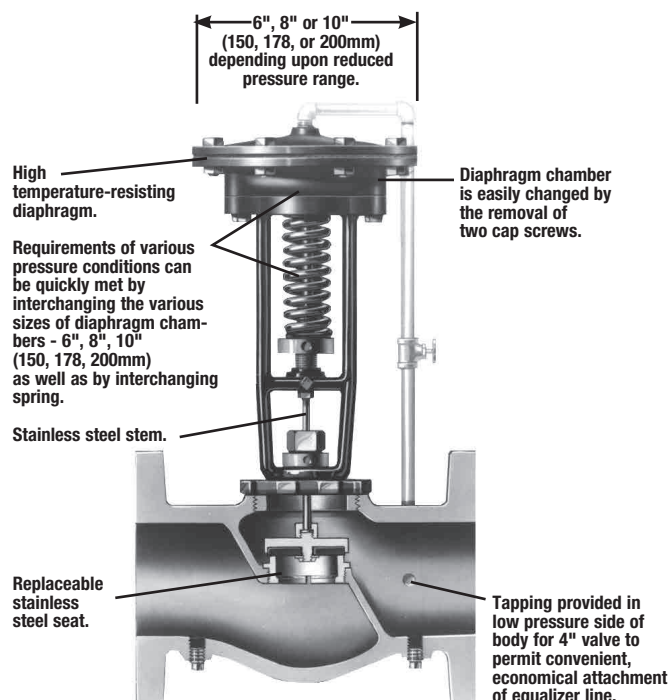
Specifications

A Water Pressure Reducing Valve shall be installed on the water service pipe near its entrance to the building where supply main pressure exceeds 60psi (413 kPa) to reduce it to 60psi (413 kPa) or lower. The water pressure reducing valve shall be constructed using Lead Free* materials. Lead Free* regulators shall comply with state codes and standards, where applicable, requiring reduced lead content. The valve shall be equipped with a 3/8" tapping to receive equalizer piping and a 1/4" tapping to receive auxiliary regulator piping for low flow requirements. Valve shall be a Watts Model LF127W or LFF127W.

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.



3" (80mm) LF127W



Materials

Body: LF127W: Lead Free* cast copper silicon alloy
LFF127W: Iron

Seat: Replaceable stainless steel

Stem: Stainless steel

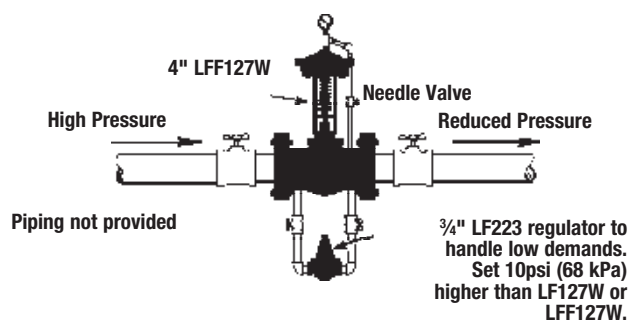
Pressure – Temperature

Temperature Range: 33°F – 160°F (0.5°C – 71°C)

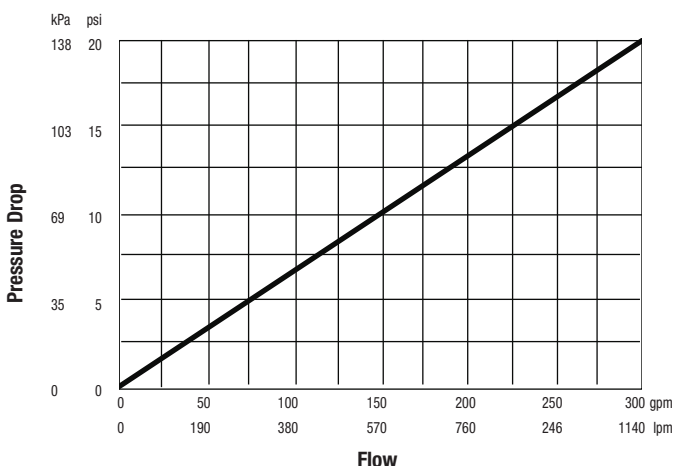
Maximum Working Pressure: 175psi (12.1 bar)

Adjustable Reduced Pressure Range: 25 – 100psi
(17 – 690 kPa)

Approvals



Capacity

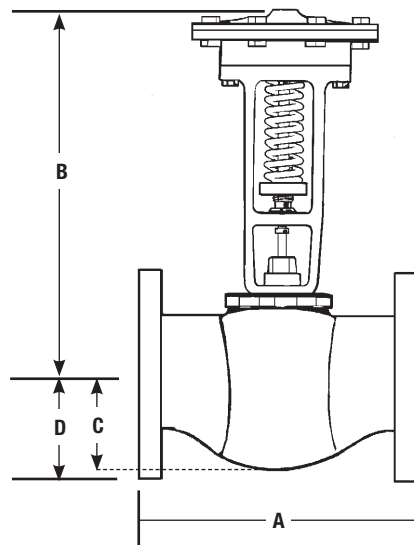


NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Dimensions – Weights

SIZE		DIMENSIONS								WEIGHT	
in.	Connection	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.
3"	threaded	8	203	16 1/8	410	2 5/8	70	2 3/8	60	40	18
3"	flanged	8	203	16 1/8	410	3 7/10	93	3 3/4	95	42	19
4"	flanged	12 1/8	308	16 1/8	410	2 3/10	59	4 1/2	114	84	38



A Watts Water Technologies Company

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