

For Commercial and Industrial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LFF127W Flanged High Capacity Water Pressure Reducing Valves

Sizes: 3" – 4" (80 – 100mm)

Series LFF127W Flanged 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 LFF127W is a remote control type regulator ideal for commercial and industrial applications where a regulator must reach full capacity with a minor drop in reduced pressure. This series is also suitable for applications where close pressure regulation is required through extensive volume demand. This series is 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 LFF127W features Lead Free* construction to comply with Lead Free* installation requirements.

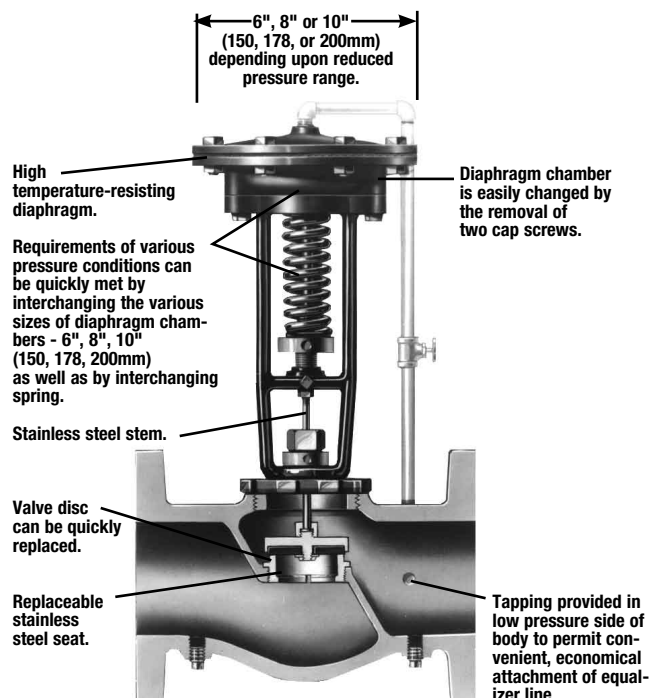
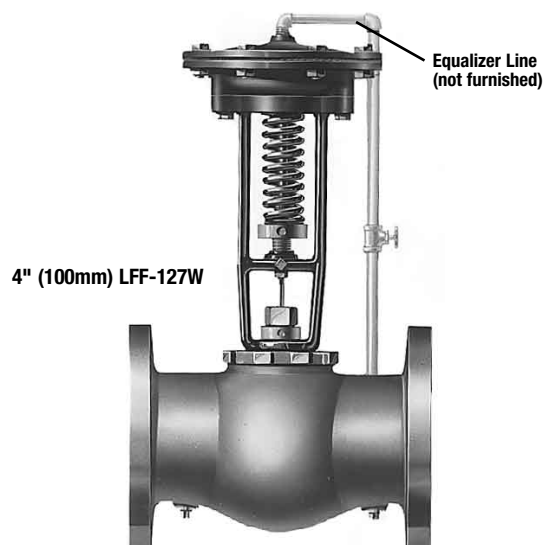
Features

- Iron body triple coated with special corrosion preventative materials superior to hot dip galvanizing
- 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. Sill cocks and outside wall hydrants may be left on full main pressure at the option of the owner. The valve shall be equipped with a $\frac{3}{8}$ " (10mm) tapping to receive equalizer piping and a $\frac{3}{4}$ " (20mm) tapping to receive auxiliary regulator piping for low flow requirements. Valve shall be a Watts Series LFF127W.

*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.



Materials

Body: Iron
 Seat: Replaceable stainless steel
 Stem: Stainless steel

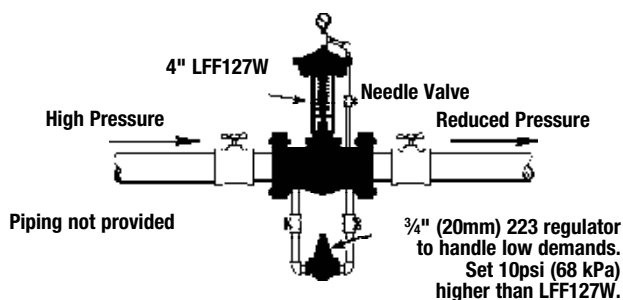
Pressure – Temperature

Temperature Range: 33°F – 160°F (0.5°C – 71°C)
 Maximum Working Pressure: 175psi (12.1 bar)
 Adjustable Reduced Pressure Range: 25 – 100psi
 (172 – 690 kPa)

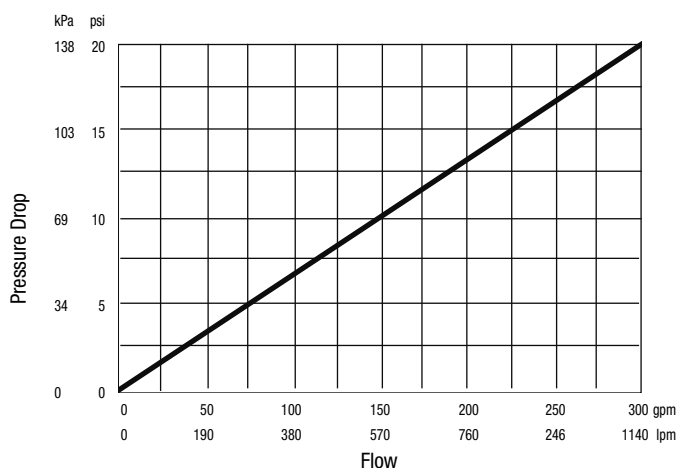
Options (4" size only)

WR ¾" (20mm) Model 223 auxiliary regulator.
 (Piping not included)

Option WR

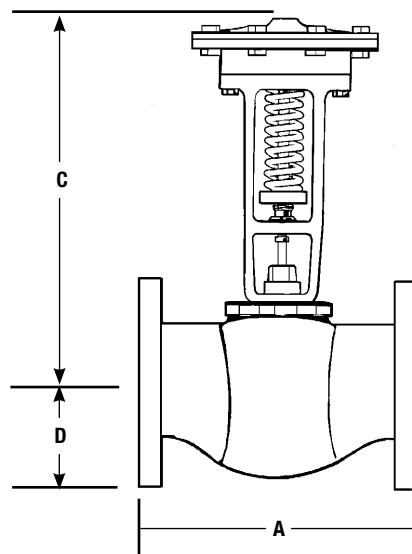


Capacity



Dimensions – Weights

SIZE (DN)		Connection	DIMENSIONS				WEIGHT			
in.	mm		A		C		D		lbs.	kgs.
			in.	mm	in.	mm	in.	mm		
3"	80	flanged	8	203	16¾	425	3¾	95	42	19
4"	100	flanged	12½	308	16¾	425	4½	114	84	38



A Watts Water Technologies Company



ISO 9001-2000
 CERTIFIED

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Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca