

## 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

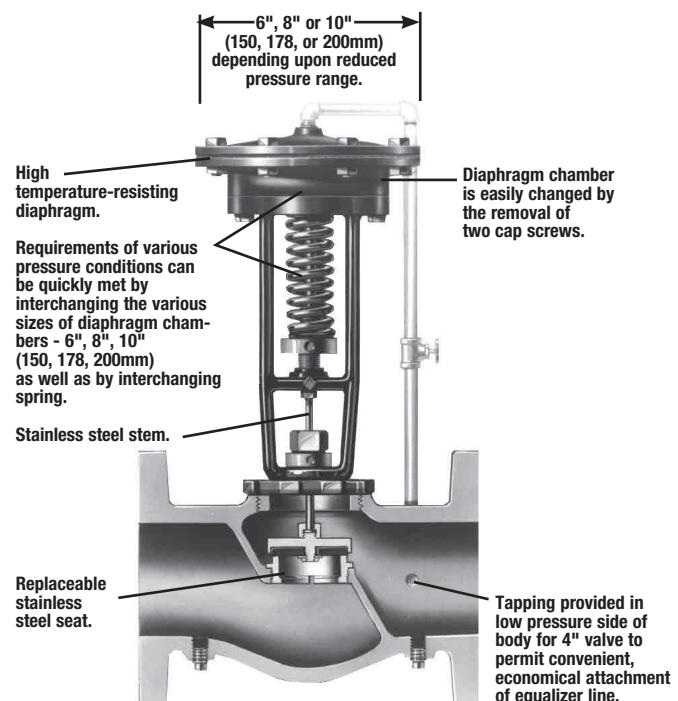
#### Specifications

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  $\frac{3}{8}$ " tapping to receive equalizer piping and a  $\frac{3}{4}$ " 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

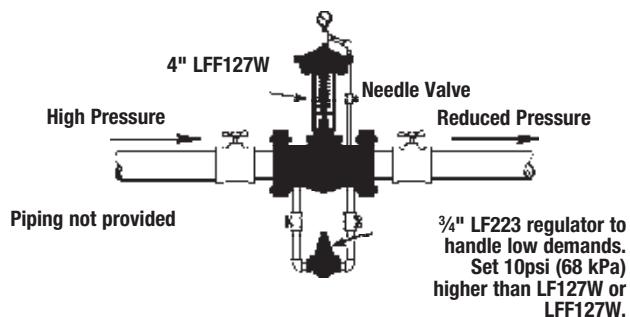
## Pressure – Temperature

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



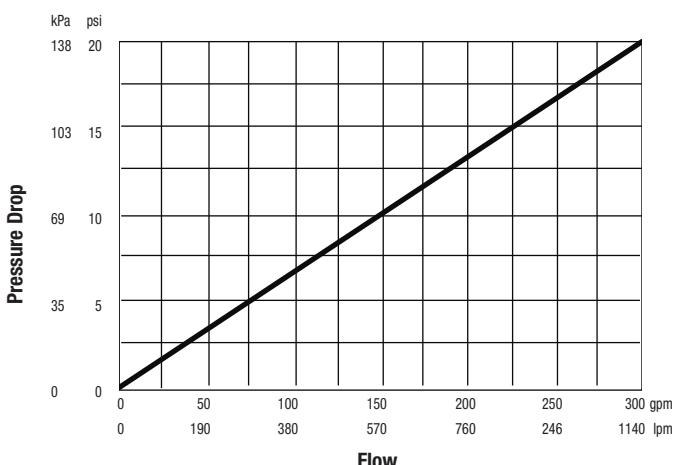
Certified to  
NSF/ANSI 372



## Dimensions – Weights

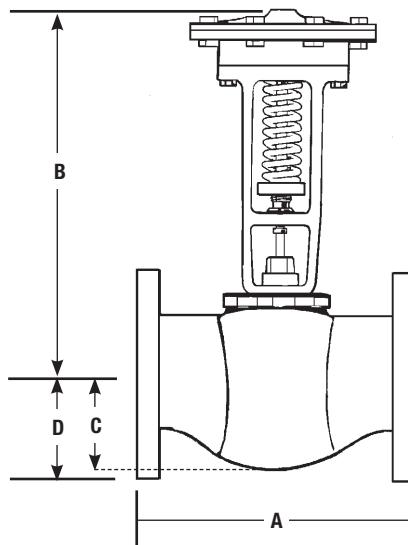
SIZE in.	Connection	DIMENSIONS						WEIGHT	
		A in. mm	B in. mm	C in. mm	D in. mm	lbs. kgs.			
3"	threaded	8 203	16 1/8 410	2 5/8 70	2 3/8 60	40 18			
3"	flanged	8 203	16 1/8 410	3 7/10 93	3 3/4 95	42 19			
4"	flanged	12 1/8 308	16 1/8 410	2 3/10 59	4 1/2 114	84 38			

## 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.



A Watts Water Technologies Company