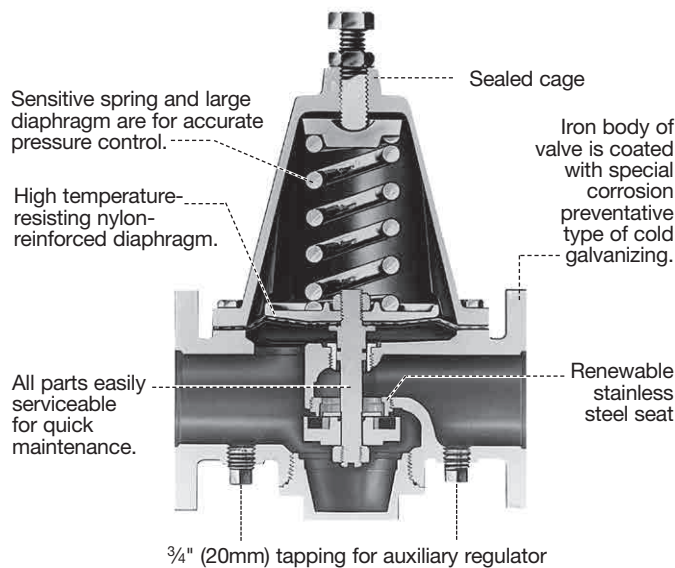


# Series LFN223F, LFN223FS

## Flanged Super Capacity Water Pressure Reducing Valves\*\*

Size: 3" (80mm)

**LEAD FREE** Series LFN223F and LFN223FS Super 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. This series is suitable for water supply pressures up to 175psi (12.1 bar) and may be adjusted from 25 – 75psi (172 – 517 kPa). The standard setting is 50psi (345 kPa). Series LFN223F features an enlarged diaphragm, spring cage and seat orifice for super capacity performance. These valves also contain a semibalanced piston feature to assure rapid response to reduced pressure changes as well as to provide maximum flow with minor pressure drop. Series LFN223FS has the same options as the LFN223F, except it is furnished with a strainer. All parts are quickly and easily serviceable without removing the valve from the line.



### Features

- Enlarged diaphragm, spring cage and seat orifice for super capacity performance
- Iron body construction
- Stainless steel piston
- Series LFN223FS furnished with separate strainer
- Sealed spring cage on all models for accessible outdoor or pit installations

### Models

- LFN223F Flanged inlet x Flanged outlet  
 LFN223FS Flanged inlet x Flanged outlet with strainer

### Materials

- Body: Iron coated with corrosion-resistant cold galvanizing  
 Seat: Replaceable stainless steel  
 Diaphragm: Reinforced Buna-N  
 Disc: EPDM  
 Piston: 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 – 75psi (172 – 517 kPa)  
 Standard Reduced Pressure Setting:  
 50psi (345 kPa)

### Options

#### add Suffix:

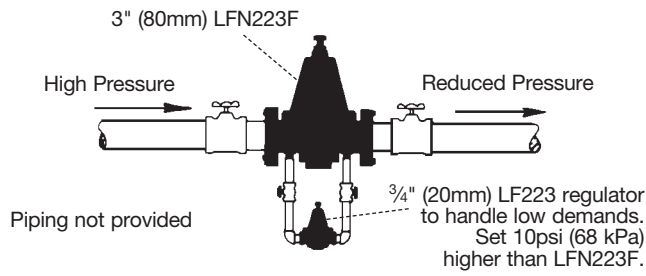
- WR 3/4" (20mm) Model LF223 auxiliary regulator (piping not included)  
 S Strainer  
 (See ES-77F-DI-125 for details)

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

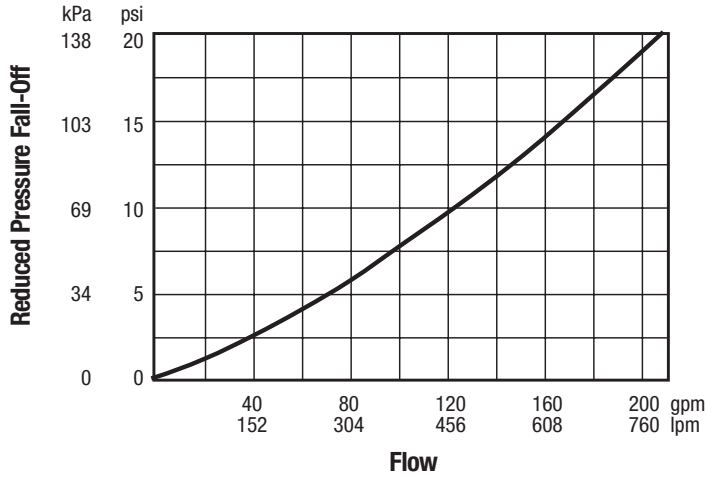
\*\*A water saving test program concluded that reducing the supply pressure from 80-50psi (551-345 kPa) resulted in a water savings of 30%.

\*\*\*The bypass feature will not prevent the pressure relief valve from opening on the hot water supply system with pressure above 150psi (10.3 bar).

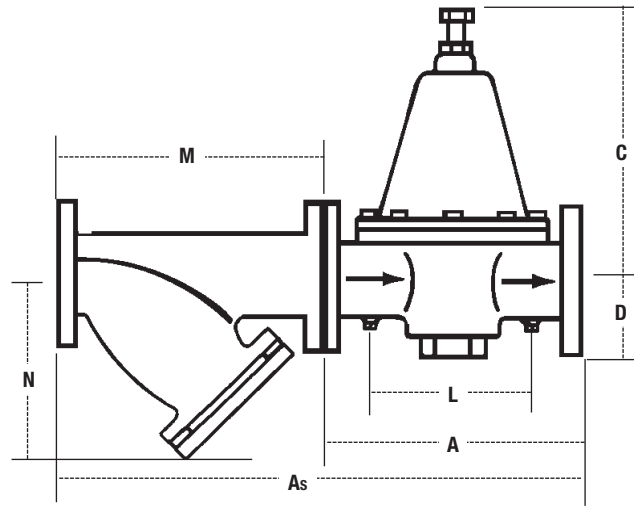
## Option WR



## Capacity



## Dimensions — Weights



MODEL NO.	SIZE (DN)		DIMENSIONS										WEIGHT					
	in.	mm	A		AS		C		D		L		M		N		lbs.	kgs.
LFN223F	3	80	12½	318	—	—	14½	368	¾	95	7½	191	—	—	—	—	86	39
LFN223FS	3	80	12½	318	22⅝	575	14½	368	¾	95	7½	191	10⅞	257	7	178	120	54