

# Senninger PRL-LF

## Pressure Regulators



### Application

Pressure Regulator is designed to automatically regulate water pressure in pipes or tubing downstream and it is ideal for installations such as solid set, drip or other low volume irrigation as well as center pivot and other mechanical-move systems.

The correct use of pressure regulators prevents pressure fluctuations and helps maintaining distribution uniformity, saving water and improving production.

Ideal for Flows: 0.1 to 8.0 gpm (22.7-1814.4L/hr ) for installations as solid set, drip as well as center pivot and other mechanical-move systems.

### Advantages

- Senninger regulators maintain a preset outlet pressure while handling constant inlet pressures.
- Very low hysteresis and friction
- Maximum flow path resistant to plugging
- 100% water-tested for accuracy. No adjustments ever needed
- Built for strength and durability using high impact engineering-grade thermoplastics
- Models are available for low, medium and high flow.
- Can be installed above or below ground.

### Technical specifications

- Maintains a constant preset outlet pressure while handling varying inlet pressures.
- All Senninger pressure regulators are constructed of durable high-impact engineering-grade thermoplastics with a high quality stainless steel compression spring and securing screws.
- PRL-LF CMS models are designed specifically for mining applications where pH solutions are less than or equal to 4.0.
- PRL-LF EFF models (lavender top) are designed specifically for wastewater applications.



LF



LF-CMS



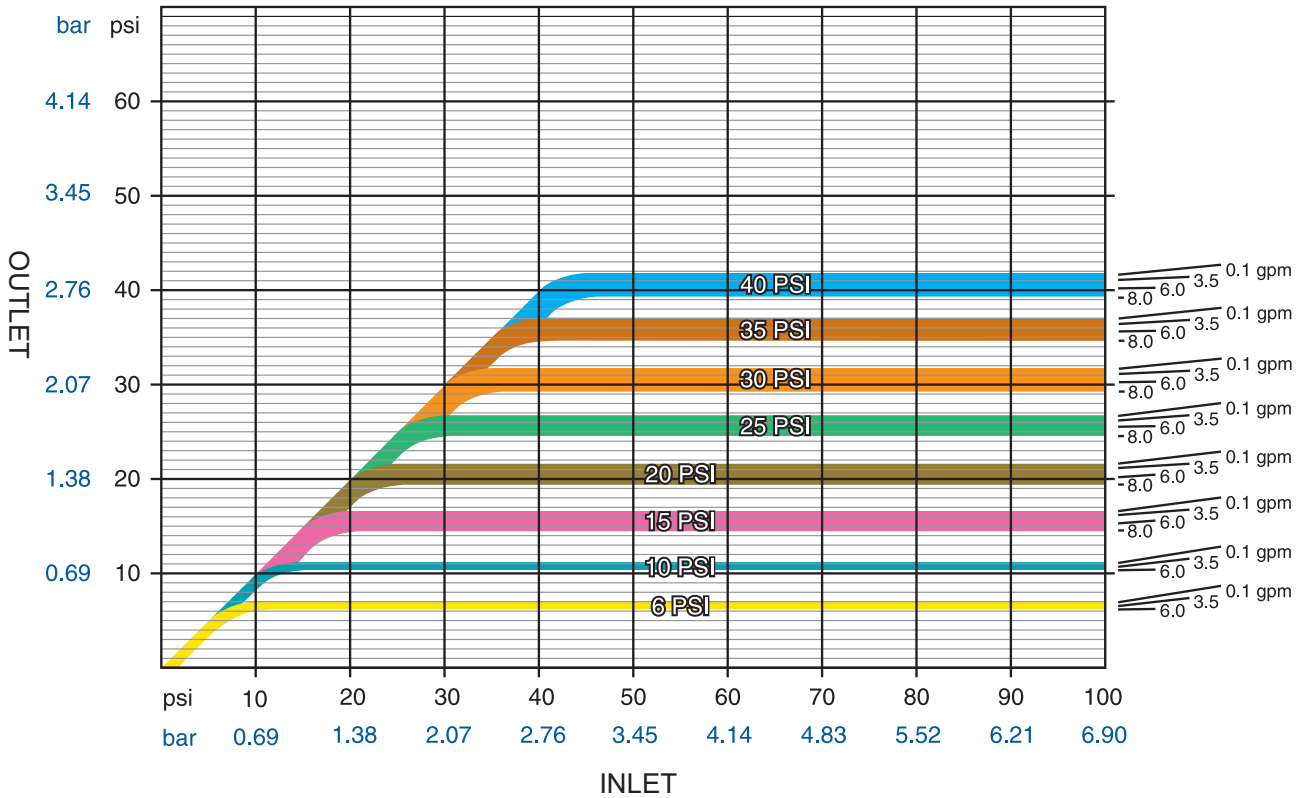
LF-EFF



Model	Preset operating pressure		Maximum inlet pressure		Flow Range		Inlet Sizes	Outlet Sizes
	PSI	bar	PSI	bar	gpm	L/hr		
PRL - 15 LF	15	1.04	150	10.35	0.1 - 8	22.7 - 1814.4	3/4" F NPT	3/4" F NPT
PRL - 20 LF	20	1.38	150	10.35	0.1 - 8	22.7 - 1814.4	3/4" F NPT	3/4" F NPT

Regulated pressure is 1/2 psi [0.03 bar] higher with increasing inlet pressure than with decreasing inlet pressure

### Performance chart



### WARRANTY, TERMS AND CONDITIONS

Senninger products are warranted for 2 years from date of original sale to be free of defective material and workmanship when used within the working specifications for which the products were designed and under normal use and Service.

The manufacturer assumes no responsibility for assembling, dismantling or repair by unauthorized personnel.

The manufacturer's liability under this warranty is limited to replacement or repair of defective parts and the manufacturer will not be liable for damage in crops or any other consequential damages resulting from misuse of the product covered by this warranty.

This warranty is expressly in lieu of all other warranty, expressed or implied, including the warranties of merchantability and fitness for particular purposes and of all other obligations or liabilities of the manufacturer.

No agent, employee or representative of the manufacturer has authority to change, alter or add to the provisions of this warranty nor to make any representations or warranty not stipulated herein.