

PRL

PRESSURE REGULATOR LOW (low flow)

Specifications

The pressure regulator shall be capable of operating at a constant, factory preset, non-adjustable outlet pressure of 6, 10, 12, 15, 20, 25, 30, 35, 40, or 45 PSI (0.41, 0.69, 0.83, 1.03, 1.38, 1.72, 2.07, 2.41, 2.76, or 3.10 bar) with a flow range between:

- 0.5 - 5 GPM (114 - 1136 L/hr) for 6 PSI models or
- 0.5 - 8 GPM (114 - 1817 L/hr) for 10 - 45 PSI models.

The pressure regulator shall maintain the nominal pressure at a minimum of 5 PSI (0.34 bar) above model inlet pressure and a maximum of 80 PSI (5.52 bar) above nominal model pressure*. Refer to the PRL performance curve to establish specific outlet pressures based on relative inlet pressure and flow rate. Always install downstream from all shut off valves. Recommended for outdoor use only. Not NSF certified.

All pressure regulator models shall be equipped with one of these inlet-x-outlet configurations:

Inlet

- 3/4-inch Female National Pipe Thread (FNPT)
- 3/4-inch Female Hose Thread (FHT)

Outlet

- 3/4-inch Female National Pipe Thread (FNPT)

The upper housing, lower housing, and internal molded parts shall be of engineering-grade thermoplastics with internal elastomeric seals and a reinforced elastomeric diaphragm. Regulation shall be accomplished by a fixed stainless steel compression spring, which shall be enclosed in a chamber isolated from the normal water passage.

The regulator external housings shall be press-fit with locking wedges and assembled without screws or other metallic fasteners. Outlet pressure and flow shall be clearly marked on the outside of each regulator.

The pressure regulator shall carry a two-year manufacturer's warranty on materials, workmanship, and performance. Each pressure regulator shall be water tested for accuracy before departing the manufacturing facility.

The pressure regulator shall be manufactured by Senninger Irrigation in Clermont, Florida. Senninger is a Hunter Industries Company.

Physical

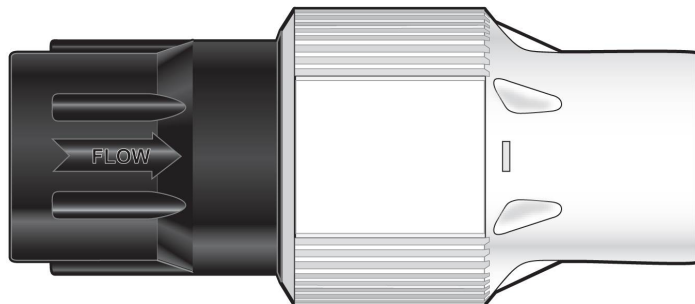
3/4" FNPT x 3/4" FNPT model

or

3/4" FHT x 3/4" FNPT model

Overall Length
4.5 inches (11.3 cm)

Overall Width
1.9 inches (4.9 cm)



* Please consult factory for applications outside of recommended guidelines.



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Model Numbers

Model #	Flow Range	Preset Operating Pressure	Maximum Inlet Pressure
PRL-6	0.5 - 5 GPM (114 - 1136 L/hr)	6 PSI (0.41 bar)	80 psi (5.51 bar)
PRL-10	0.5 - 8 GPM (114 - 1817 L/hr)	10 PSI (0.69 bar)	90 psi (6.20 bar)
PRL-12	0.5 - 8 GPM (114 - 1817 L/hr)	12 PSI (0.83 bar)	90 psi (6.20 bar)
PRL-15	0.5 - 8 GPM (114 - 1817 L/hr)	15 PSI (1.03 bar)	95 psi (6.55 bar)
PRL-20	0.5 - 8 GPM (114 - 1817 L/hr)	20 PSI (1.38 bar)	100 psi (6.89 bar)
PRL-25	0.5 - 8 GPM (114 - 1817 L/hr)	25 PSI (1.72 bar)	105 psi (7.24 bar)
PRL-30	0.5 - 8 GPM (114 - 1817 L/hr)	30 PSI (2.07 bar)	110 psi (7.58 bar)
PRL-35	0.5 - 8 GPM (114 - 1817 L/hr)	35 PSI (2.41 bar)	115 psi (7.93 bar)
PRL-40	0.5 - 8 GPM (114 - 1817 L/hr)	40 PSI (2.76 bar)	120 psi (8.27 bar)
PRL-45	0.5 - 8 GPM (114 - 1817 L/hr)	45 PSI (3.10 bar)	125 psi (8.62 bar)