

PRU

PRESSURE REGULATOR ULTRA (ultra flow)

Specifications

The pressure regulator shall be capable of operating at a constant, preset, non-adjustable outlet pressure of 10, 15, 20, 25, 30, 40, 50, or 60 PSI (0.69, 1.03, 1.38, 1.72, 2.07, 2.76, 3.45, or 4.14 bar) with a flow range between 20 - 100 GPM (4543 - 22713 L/hr).

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 PRU performance curve to establish specific outlet pressures based on relative inlet pressure and flow rate. Always install downstream from all shut off valves.

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

Inlet	Outlet
2-inch Female National Pipe Thread (FNPT)	2-inch Female National Pipe Thread (FNPT)
2-inch Female British Standard Pipe Thread (FBSPT)	2-inch Female British Standard Pipe Thread (FBSPT)

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 one 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

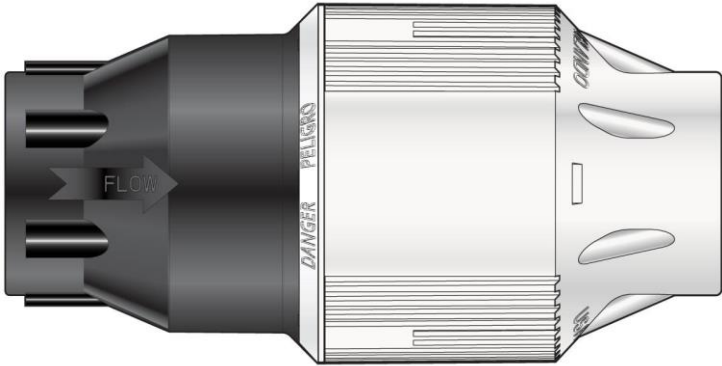
2" FNPT x 2" FNPT model

or

2" FBSPT x 2" FBSPT model

Overall Length
9.0 inches (22.9 cm)

Overall Width
4.5 inches (11.4 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
PRU-10	20 - 100 GPM (4543 - 22713 L/hr)	10 PSI (0.69 bar)	90 psi (6.20 bar)
PRU-15	20 - 100 GPM (4543 - 22713 L/hr)	15 PSI (1.03 bar)	95 psi (6.55 bar)
PRU-20	20 - 100 GPM (4543 - 22713 L/hr)	20 PSI (1.38 bar)	100 psi (6.89 bar)
PRU-25	20 - 100 GPM (4543 - 22713 L/hr)	25 PSI (1.72 bar)	105 psi (7.24 bar)
PRU-30	20 - 100 GPM (4543 - 22713 L/hr)	30 PSI (2.07 bar)	110 psi (7.58 bar)
PRU-40	20 - 100 GPM (4543 - 22713 L/hr)	40 PSI (2.76 bar)	120 psi (8.27 bar)
PRU-50	20 - 100 GPM (4543 - 22713 L/hr)	50 PSI (3.45 bar)	130 psi (8.96 bar)
PRU-60	20 - 100 GPM (4543 - 22713 L/hr)	60 PSI (4.14 bar)	140 psi (9.65 bar)