

PRLV

PRESSURE REGULATING LIMIT VALVE

Specifications

The pressure regulator shall be capable of operating at a constant, factory preset, non-adjustable outlet pressure of 10, 15, 20, 30, 40, 50, or 60 PSI (0.69, 1.03, 1.38, 2.07, 2.76, 3.45, or 4.14 bar) with a maximum flow of 18 GPM (4088 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 125 PSI (8.62 bar) above nominal model pressure. It shall also limit the downstream pressure to no more than 15 psi (0.68 to 1.03 bar) above the rated outlet pressure in static / no flow conditions

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

Inlet

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

Outlet

3/4 -inch Female National Pipe Thread (FNPT)
1-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.

Outlet pressure and flow shall be clearly marked on each regulator. Recommended for outdoor use only. Not NSF certified.

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 (shown on right)

or

1" FNPT x 1" FNPT model

Overall Length
5.8 inches (14.6 cm)

Overall Width
2.5 inches (6.4 cm)



* Please consult factory for applications outside of recommended guidelines.



PRLV

PRESSURE REGULATING LIMIT VALVE

Model Numbers

Model #	Maximum Flow	Preset Operating Pressure	Maximum Inlet Pressure
PRLV-10	18 GPM (4088 L/hr)	10 PSI (0.69 bar)	125 PSI (8.62 bar)
PRLV-15	18 GPM (4088 L/hr)	15 PSI (1.03 bar)	125 PSI (8.62 bar)
PRLV-20	18 GPM (4088 L/hr)	20 PSI (1.38 bar)	125 PSI (8.62 bar)
PRLV-30	18 GPM (4088 L/hr)	30 PSI (2.07 bar)	125 PSI (8.62 bar)
PRLV-40	18 GPM (4088 L/hr)	40 PSI (2.76 bar)	125 PSI (8.62 bar)
PRLV-50	18 GPM (4088 L/hr)	50 PSI (3.45 bar)	125 PSI (8.62 bar)
PRLV-60	18 GPM (4088 L/hr)	60 PSI (4.14 bar)	125 PSI (8.62 bar)