



- 01 Reduces excessive pressure
- 02 Reduces flow fluctuations at each sprinkler
- 03 Ensures optimum sprinkler performance

MINI PRESSURE REGULATOR (MPR)

The Senninger Mini Pressure Regulator (MPR) is an economical solution to help reduce excessive pressure. This helps reduce wind drift and overwatering throughout the irrigation zone, including changing elevations and long lateral runs.

Because pressure impacts flow, the MPR reduces flow fluctuations so that each sprinkler performs consistently and delivers the designed distribution pattern.

The MPR has a greater hydraulic area than most flow control devices, allowing pressure regulation over a wider flow range.



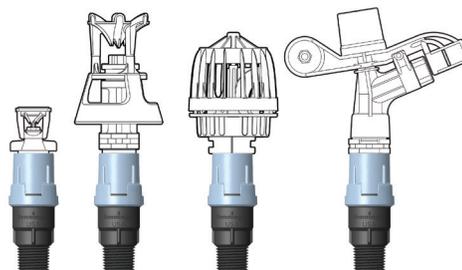
MINI PRESSURE REGULATOR (MPR)

FEATURES

- Designed for use immediately beneath the sprinkler
- Maintains the sprinkler's designed flow to +/-10% of nominal flow
- Allows pressure regulation on sprinklers along laterals or mainlines with up to 115 ft (35m) elevation change.
- Connection: ½" M NPT inlet x ½" F NPT outlet
- Models available: 15 psi (1.0 bar), 20 psi (1.4 bar), 30 psi (2.1 bar), and 40 psi (2.8 bar)
- Senninger pressure regulators are available with models for a wide range of flows
- Two-year warranty on materials, workmanship, and performance

SPRINKLER RECOMMENDATIONS

Model	Nozzle	psi (bar)
mini-Wobbler™	#4 to 8 nozzles	15 or 20 psi (1.0 or 1.4 bar)
Xcel-Wobbler™	#6 to 9 nozzles	20 psi model (1.4 bar)
Smooth Drive™	#6 to 8 nozzles	30 or 40 psi model (2.1 or 2.8 bar)
20 Series Impacts	#6 to 9 nozzles	30 or 40 psi model (2.1 or 2.8 bar)



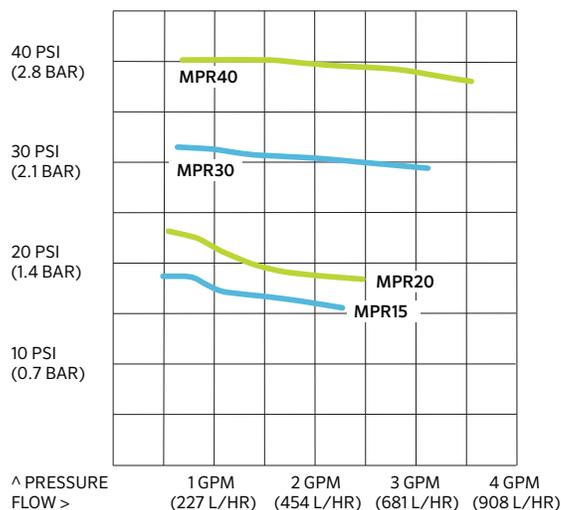
FLOW RANGE BY MODEL

	Preset Outlet Pressure	Maximum Inlet Pressure	Flow Range
MPR152M2F	15 psi (1.0 bar)	45 psi (3.1 bar)	0.5 - 2.3 gpm (114 - 513 L/hr)
MPR202M2F	20 psi (1.4 bar)	50 psi (3.5 bar)	0.5 - 2.5 gpm (114 - 559 L/hr)
MPR302M2F	30 psi (2.1 bar)	60 psi (4.1 bar)	0.6 - 3.1 gpm (136 - 704 L/hr)
MPR402M2F	40 psi (2.8 bar)	80 psi (5.5 bar)	0.7 - 3.5 gpm (159 - 804 L/hr)

The pressure regulator shall maintain the predetermined pressure provided that the inlet pressure is at least 5 psi (0.3 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown in this chart.

Pressure regulators should always be installed downstream of all shut-off valves.

Recommended for outdoor use only. Not NSF certified.



Website senninger.com | Customer Support +1-407-877-5655

The Senninger commitment to world-class products, local support and technical expertise ensure we provide the most efficient and reliable agricultural irrigation solutions available in the world today.

Steve Abernethy, President of Senninger Irrigation