



- 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.



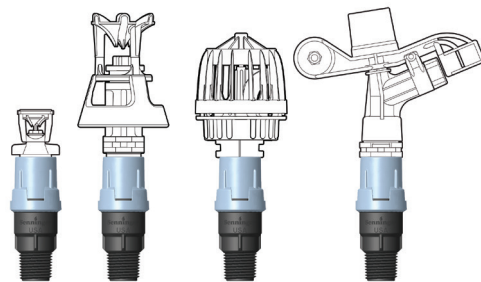
# MINI PRESSURE REGULATOR (MPR)

## 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 (35 m) 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) |



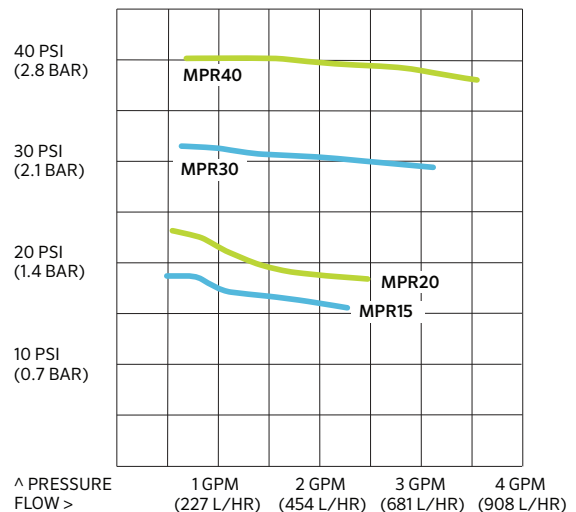
## FLOW RANGE BY MODEL

|           | 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](http://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*

Steve Abernethy, President of Senninger Irrigation