



- 01 **Convenient:** Combines filtration and pressure regulation
- 02 **Quality:** Field proven PSR®2 components
- 03 **Durability:** Stainless-steel mesh screen
- 04 **Models:** Four pressures of 6, 10, 15, and 20 psi (0.41, 0.69, 1.03, and 1.38 bar)

FILTER REGULATOR

The Filter Regulator combines filtration and pressure regulation into one device for installation convenience

Senninger® black and white pressure regulators are renowned for their accuracy, durability, and ability to maintain consistent outlet pressure with varying inlet pressure. Combining that performance with reduced nozzle clogging provides a solution for overall efficiency of an irrigation system.



FILTER REGULATOR FEATURES AND FILTER SPECIFICATIONS

FEATURES

- Quality field proven PSR®2 internal components
- Four pressure models available: 6, 10, 15, and 20 psi (0.41, 0.96, 1.03, and 1.38 bar)
- Choice of five stainless steel screens: 20, 30, and 40 mesh for pivot irrigation, and 120 and 140 for drip and micro irrigation
- Convenient installation above the pivot sprinkler; various locations for drip and micro irrigation
- Easy access to mesh screens with a twist of the bonnet; no tools required; no need to dismantle the drop assembly.
- Two-year warranty on materials, workmanship, and performance

FILTER SCREENS

- Replacement filter screens also available with color-coded rubber seals to readily identify mesh size.
- Color-coded stickers available for the outer bonnet to assist installers in matching the mesh size to the correct nozzle
- Easy in-field maintenance to exchange installed filter screens for new or cleaned screens; clean screens for reinstallation during the next scheduled maintenance cycle

MODELS	Description	Mesh Orifice (microns)	Preset Outlet Pressure	Maximum Inlet Pressure
FPSR2063M3F20	6 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 20 mesh screen (black)	841	6 psi (0.41 bar)	80 psi (5.51 bar)
FPSR2063M3F30	6 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 30 mesh screen (green)	595	6 psi (0.41 bar)	80 psi (5.51 bar)
FPSR2063M3F40	6 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 40 mesh screen (grey)	400	6 psi (0.41 bar)	80 psi (5.51 bar)
FPSR2103M3F20	10 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 20 mesh screen (black)	841	10 psi (0.69 bar)	90 psi (6.20 bar)
FPSR2103M3F30	10 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 30 mesh screen (green)	595	10 psi (0.69 bar)	90 psi (6.20 bar)
FPSR2103M3F40	10 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 40 mesh screen (grey)	400	10 psi (0.69 bar)	90 psi (6.20 bar)
FPSR2153M3F20	15 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 20 mesh screen (black)	841	15 psi (1.03 bar)	95 psi (6.55 bar)
FPSR2153M3F30	15 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 30 mesh screen (green)	595	15 psi (1.03 bar)	95 psi (6.55 bar)
FPSR2153M3F40	15 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 40 mesh screen (grey)	400	15 psi (1.03 bar)	95 psi (6.55 bar)
FPSR2203M3F20	20 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 20 mesh screen (black)	841	20 psi (1.38 bar)	100 psi (6.89 bar)
FPSR2203M3F30	20 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 30 mesh screen (green)	595	20 psi (1.38 bar)	100 psi (6.89 bar)
FPSR2203M3F40	20 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 40 mesh screen (grey)	400	20 psi (1.38 bar)	100 psi (6.89 bar)
FPSR2103M3F120	10 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 120 mesh screen (red)	125	10 psi (0.69 bar)	90 psi (6.20 bar)
FPSR2103M3F140	10 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 140 mesh screen (blue)	105	10 psi (0.69 bar)	90 psi (6.20 bar)
FPSR2153M3F120	15 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 120 mesh screen (red)	125	15 psi (1.03 bar)	95 psi (6.55 bar)
FPSR2153M3F140	15 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 140 mesh screen (blue)	105	15 psi (1.03 bar)	95 psi (6.55 bar)
FPSR2203M3F120	20 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 120 mesh screen (red)	125	20 psi (1.38 bar)	100 psi (6.89 bar)
FPSR2203M3F140	20 psi, Filter PSR2, ¾" M NPT x ¾" F NPT, 140 mesh screen (blue)	105	20 psi (1.38 bar)	100 psi (6.89 bar)

The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, with flows up to 11 gpm (2498 L/hr), but not exceeding the maximum inlet pressure as shown above. Higher flows require additional inlet pressure to engage the regulator. Where flows are greater than 11 gpm (2498 L/hr), the inlet pressure should be at least 9 psi (0.62 bar) above the expected outlet pressure but not exceeding the maximum inlet pressure as shown above.

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