

FILTER REGULATOR

(with PSR™2 internal components)

Specifications

The filter/regulator shall be a combination filter and pressure regulator assembly. The filter regulator will be capable of handling a flow range of between 0.07 - 14.54 GPM (16 - 3302 L/hr) depending on the model and the filter mesh size. Refer to the Model Numbers Chart on page 2 for outlet flow based on the model.

The filter regulator shall be available in an in-line configuration. All filter regulator models will have this configuration:

Inlet

3/4-inch Male National Pipe Thread (FNPT)

Outlet

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

The housing and regulator shall be molded of non-corrodible PVC, rated to 80 PSI (5.52 bars) above the model pressure rating. All internal portions of the assembly shall be of molded construction and shall have durable materials that are non-destructible in severe conditions.

The filter regulator shall be equipped with a 20, 30, or 40 mesh stainless steel filter, so only clean water can be discharged through the regulator. The filter assembly must have a removable cap for easy service and cleaning.

The filter regulator shall be standard with a non-adjustable pressure-regulating device that is factory calibrated for the correct outlet pressure. The regulator shall be capable of reducing the outlet pressure to 6, 10, 15, or 20 PSI (0.41, 0.69, 1.03, or 1.38 bar) depending on the specified model when the inlet pressure is 5 PSI (0.35 bars) or greater than the regulated outlet pressure. The regulated downstream pressure shall remain constant regardless of variations in upstream pressure. Always install downstream of all shut-off valves. Recommended for outdoor use only. Not NSF certified.

The filter/regulator shall be rated for use up to 120 degrees F (49 degrees C).

The filter/regulator shall be manufactured by Senninger Irrigation in Clermont, Florida. Senninger is a Hunter Industries Company.

* Please consult the factory for applications outside of recommended guidelines.

Physical

3/4" FNPT x 3/4" FNPT model

Overall Length

6.25 inches (16.5 cm)

Overall Width

6 inches (15.2 cm)





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Model Numbers

Model Number and Mesh Screen	Flow Range	Nozzle Number and Orifice Size Range	Preset Operating Pressure	Maximum Inlet Pressure
FPSR2063M3F20 (20 mesh)	2.95 - 9.19 GPM (670 - 2087 L/hr)	#13 - #23 13/64" (5.16mm) - 23/64" (9.13mm)	6 PSI (0.41 bar)	80 PSI (5.51 bar)
FPSR2063M3F30 (30 mesh)	0.62 - 2.72 GPM (141 - 618 L/hr)	#6 - #12.5 3/32" (2.38mm) - 25/128" (4.95mm)	6 PSI (0.41 bar)	80 PSI (5.51 bar)
FPSR2063M3F40 (40 mesh)	0.07 - 0.52 GPM (16 - 118 L/hr)	#2 - #5.5 1/32" (0.79mm) - 11/128" (2.16mm)	6 PSI (0.41 bar)	80 PSI (5.51 bar)
FPSR2103M3F20 (20 mesh)	3.81 - 11.87 GPM (865 - 2696 L/hr)	#13 - #23 13/64" (5.16mm) - 23/64" (9.13mm)	10 PSI (0.69 bar)	90 PSI (6.2 bar)
FPSR2103M3F30 (30 mesh)	0.80 - 3.52 GPM (182 - 799 L/hr)	#6 - #12.5 3/32" (2.38mm) - 25/128" (4.95mm)	10 PSI (0.69 bar)	90 PSI (6.2 bar)
FPSR2103M3F40 (40 mesh)	0.09 - 0.67 GPM (20 - 152 L/hr)	#2 - #5.5 1/32" (0.79mm) - 11/128" (2.16mm)	10 PSI (0.69 bar)	90 PSI (6.2 bar)
FPSR2153M3F20 (20 mesh)	4.66 - 14.54 GPM (1058 - 3302 L/hr)	#13 - #23 13/64" (5.16mm) - 23/64" (9.13mm)	15 PSI (1.03 bar)	95 PSI (6.55 bar)
FPSR2153M3F30 (30 mesh)	0.98 - 4.31 GPM (223 - 979 L/hr)	#6 - #12.5 3/32" (2.38mm) - 25/128" (4.95mm)	15 PSI (1.03 bar)	95 PSI (6.55 bar)
FPSR2153M3F40 (40 mesh)	0.11 - 0.82 GPM (25 - 186 L/hr)	#2 - #5.5 1/32" (0.79mm) - 11/128" (2.16mm)	15 PSI (1.03 bar)	95 PSI (6.55 bar)
FPSR2203M3F20 (20 mesh)	5.38 - 16.78 GPM (1222 - 3811 L/hr)	#13 - #23 13/64" (5.16mm) - 23/64" (9.13mm)	20 PSI (1.38 bar)	100 PSI (6.89 bar)
FPSR2293M3F30 (30 mesh)	1.13 - 4.97 GPM (257 - 1129 L/hr)	#6 - #12.5 3/32" (2.38mm) - 25/128" (4.95mm)	20 PSI (1.38 bar)	100 PSI (6.89 bar)
FPSR2203M3F40 (40 mesh)	0.12 - 0.95 GPM (27 - 216 L/hr)	#2 - #5.5 1/32" (0.79mm) - 11/128" (2.16mm)	20 PSI (1.38 bar)	100 PSI (6.89 bar)