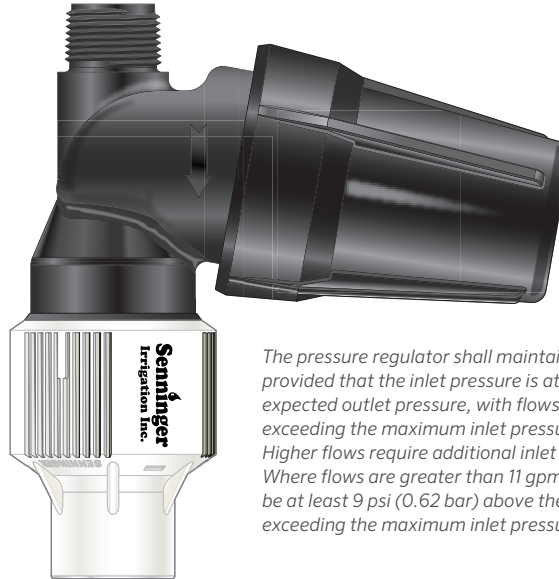


RECOMMENDED INSTALLATION

FILTER REGULATOR

SEVERAL PRESSURE MODELS
THREE FILTER SCREEN MESH MODELS

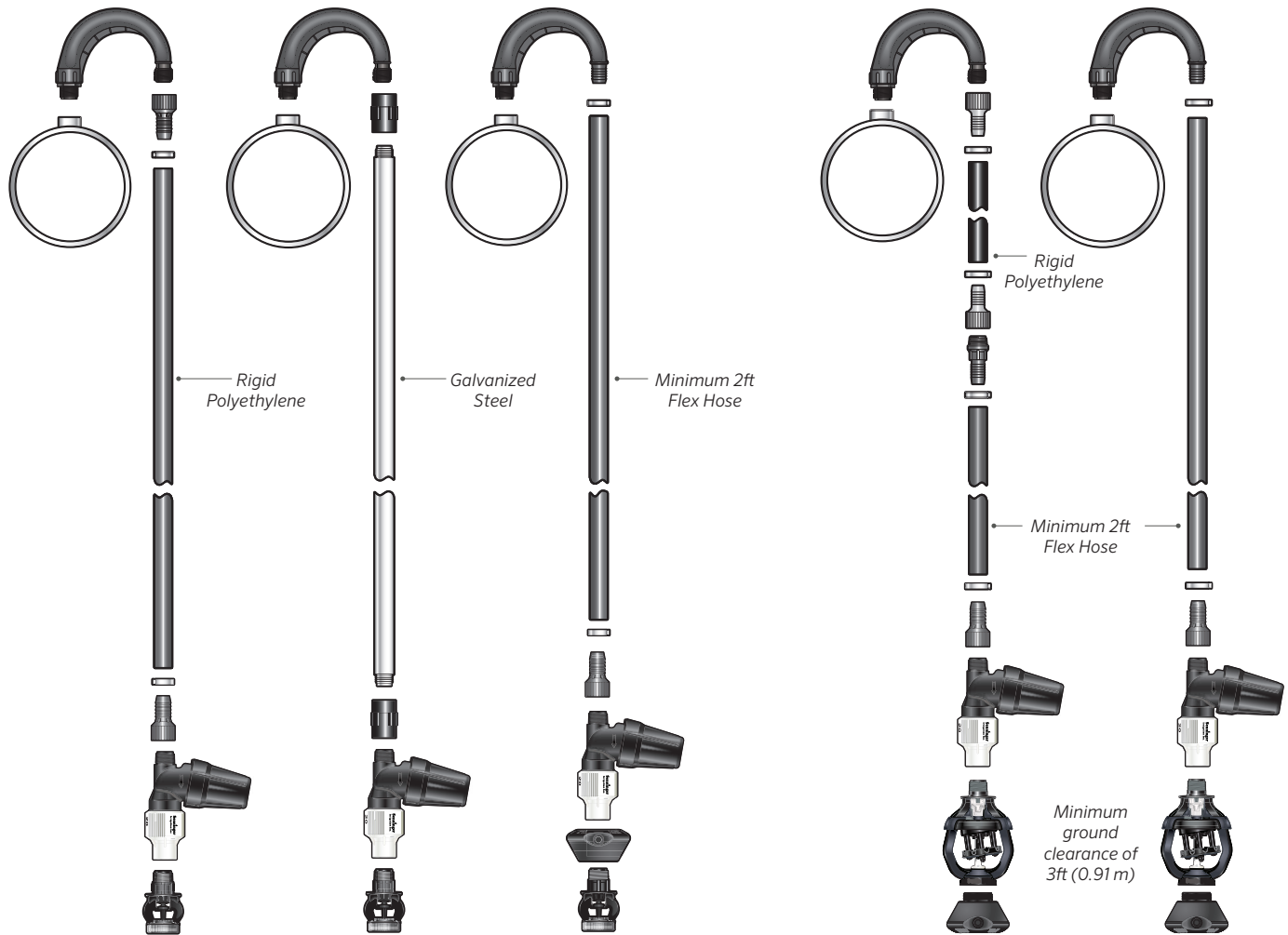


The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, with flows up to 11 gpm (2498 L/hr), but not exceeding the maximum inlet pressure as shown above. Higher flows require additional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

DESIGN CRITERIA

Filter Regulator Models	Description	Preset Operating Pressure	Maximum Inlet Pressure	Nozzle Sizes	Flow Range
FPSR2063M3F20	6 psi, Filter PSR2, 3/4" M x 3/4" F with 20 mesh (black rings)	6 psi (0.41 bar)	80 psi (5.51 bar)	#13 - #23	2.95 - 9.19 gpm (670 - 2087 L/hr)
FPSR2063M3F30	6 psi, Filter PSR2, 3/4" M x 3/4" F with 30 mesh (green rings)	6 psi (0.41 bar)	80 psi (5.51 bar)	#6 - #12.5	0.62 - 2.72 gpm (141 - 618 L/hr)
FPSR2063M3F40	6 psi, Filter PSR2, 3/4" M x 3/4" F with 40 mesh (grey rings)	6 psi (0.41 bar)	80 psi (5.51 bar)	#2 - #5.5	0.07 - 0.52 gpm (16 - 118 L/hr)
FPSR2103M3F20	10 psi, Filter PSR2, 3/4" M x 3/4" F with 20 mesh (black rings)	10 psi (0.69 bar)	90 psi (6.20 bar)	#13 - #23	3.81 - 11.87 gpm (865 - 2696 L/hr)
FPSR2103M3F30	10 psi, Filter PSR2, 3/4" M x 3/4" F with 30 mesh (green rings)	10 psi (0.69 bar)	90 psi (6.20 bar)	#6 - #12.5	0.80 - 3.52 gpm (182 - 799 L/hr)
FPSR2103M3F40	10 psi, Filter PSR2, 3/4" M x 3/4" F with 40 mesh (grey rings)	10 psi (0.69 bar)	90 psi (6.20 bar)	#2 - #5.5	0.09 - 0.67 gpm (20 - 152 L/hr)
FPSR2153M3F20	15 psi, Filter PSR2, 3/4" M x 3/4" F with 20 mesh (black rings)	15 psi (1.03 bar)	95 psi (6.55 bar)	#13 - #23	4.66 - 14.54 gpm (1058 - 3302 L/hr)
FPSR2153M3F30	15 psi, Filter PSR2, 3/4" M x 3/4" F with 30 mesh (green rings)	15 psi (1.03 bar)	95 psi (6.55 bar)	#6 - #12.5	0.98 - 4.31 gpm (223 - 979 L/hr)
FPSR2153M3F40	15 psi, Filter PSR2, 3/4" M x 3/4" F with 40 mesh (grey rings)	15 psi (1.03 bar)	95 psi (6.55 bar)	#2 - #5.5	0.11 - 0.82 gpm (25 - 186 L/hr)
FPSR2203M3F20	20 psi, Filter PSR2, 3/4" M x 3/4" F with 20 mesh (black rings)	20 psi (1.38 bar)	100 psi (6.90 bar)	#13 - #23	5.38 - 16.78 gpm (1222 - 3811 L/hr)
FPSR2203M3F30	20 psi, Filter PSR2, 3/4" M x 3/4" F with 30 mesh (green rings)	120psi (1.38 bar)	100 psi (6.90 bar)	#6 - #12.5	1.13 - 4.97 gpm (257 - 1129 L/hr)
FPSR2203M3F40	20 psi, Filter PSR2, 3/4" M x 3/4" F with 40 mesh (grey rings)	20 psi (1.38 bar)	100 psi (6.90 bar)	#2 - #5.5	0.12 - 0.95 gpm (27 - 216 L/hr)

Installation Specifications



INSTALLATION WITH LDN®, XI-WOB™, OR SUPER SPRAY®

- When installing with an LDN, Xi-Wob or Super Spray on semi-rigid or rigid drops, install the sprinkler into the Filter Regulator.
- When using a flexible hose drop, use the Magnum or One Weight above the sprinkler. When using a convention drop weight, install it above the Filter Regulator

INSTALLATION WITH I-WOB®2

- When installing with an i-Wob2 on semi-rigid or rigid drops, always use a minimum of 2 ft (0.6 m) reinforced flexible hose. The hose must be on the outlet end of the drop.
- When using a flexible hose drop, use the Magnum or One Weight tightly threaded into the bottom of the i-Wob2 (140 inch-lbs. torque recommended). A conventional drop weight is not recommended.