

# Regulators]PR-HF

The high flow Pressure Regulator is ideal for installations requiring higher flows [10 - 32 gpm] including solid-set sprinkler, low-volume, manifolds and mechanical-move irrigation systems.

**FEATURES:**

- Maintains a constant preset outlet pressure while handling varying inlet pressures
- Very low hysteresis and friction losses
- Maximum flow path resists plugging
- 100% water-tested for accuracy (no adjustments ever needed)
- Two-year warranty on materials, workmanship AND performance



Pressure regulators are recommended if there is a 10% pressure and/or 5% flow variation. The lower a system's design pressure, the more critical it is to accurately control its pressure.

Design Pressure	PRESSURE VARIATIONS				
	1 psi [0.069 bar]	2 psi [0.138 bar]	3 psi [0.207 bar]	4 psi [0.276 bar]	5 psi [0.345 bar]
6 psi [0.41 bar]	8.3	16.7	25.0	33.3	41.7
10 psi [0.69 bar]	5.0	10.0	15.0	20.0	25.0
15 psi [1.03 bar]	3.3	6.7	10.0	13.3	16.7
20 psi [1.38 bar]	2.5	5.0	7.5	10.0	12.5



All Senninger pressure regulators are constructed of durable high-impact engineering-grade thermoplastics with a high quality stainless steel compression spring and securing screws. This durable construction coupled with their outstanding design and precision parts make them suitable for a variety of different applications.

**PR-HF** - Pressure Regulator High-Flow

Model Number	Preset Operating Pressure psi	Preset Operating Pressure [bar]	Maximum Inlet Pressure psi	Maximum Inlet Pressure [bar]	Flow Range gpm	Flow Range [m <sup>3</sup> /hr]	Inlet Sizes	Outlet Sizes
PR-10 HF	10	0.69	60	4.14	10 - 32	2.27 - 7.26	1/4" F NPT	1" F, 1/4" F NPT
PR-15 HF	15	1.04	80	5.52	10 - 32	2.27 - 7.26	1/4" F NPT	1" F, 1/4" F NPT
PR-20 HF	20	1.38	100	6.90	10 - 32	2.27 - 7.26	1/4" F NPT	1" F, 1/4" F NPT
PR-25 HF	25	1.73	100	6.90	10 - 32	2.27 - 7.26	1/4" F NPT	1" F, 1/4" F NPT
PR-30 HF	30	2.07	100	6.90	10 - 32	2.27 - 7.26	1/4" F NPT	1" F, 1/4" F NPT
PR-40 HF	40	2.76	100	6.90	10 - 32	2.27 - 7.26	1/4" F NPT	1" F, 1/4" F NPT
PR-50 HF	50	3.45	100	6.90	10 - 32	2.27 - 7.26	1/4" F NPT	1" F, 1/4" F NPT

Regulated pressure is 1/2 psi (0.03 bar) higher with increasing inlet pressure than with decreasing inlet pressure