

# 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				
	0.5 psi 0.034 bar	1 psi 0.069 bar	2 psi 0.138 bar	3 psi 0.207 bar	4 psi 0.276 bar
6 psi [0.41 bar]	4.2	8.3	16.7	25.0	33.3
10 psi [0.69 bar]	2.5	5.0	10.0	15.0	20.0
15 psi [1.03 bar]	1.7	3.3	6.7	10.0	13.3
% FLOW VARIATION					

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		Maximum Inlet Pressure		Flow Range		Inlet Sizes	Outlet Sizes
	psi	[bar]	psi	[bar]	gpm	[L/hr]		
PR-10 HF	10	0.69	60	4.14	10 - 32	2271 - 7268	1/4" F NPT, 1/4" F BSP	1" F, 1/4" F NPT, 1/4" F BSP
PR-15 HF	15	1.03	80	5.52	10 - 32	2271 - 7268	1/4" F NPT, 1/4" F BSP	1" F, 1/4" F NPT, 1/4" F BSP
PR-20 HF	20	1.38	100	6.90	10 - 32	2271 - 7268	1/4" F NPT, 1/4" F BSP	1" F, 1/4" F NPT, 1/4" F BSP
PR-25 HF	25	1.72	100	6.90	10 - 32	2271 - 7268	1/4" F NPT, 1/4" F BSP	1" F, 1/4" F NPT, 1/4" F BSP
PR-30 HF	30	2.07	100	6.90	10 - 32	2271 - 7268	1/4" F NPT, 1/4" F BSP	1" F, 1/4" F NPT, 1/4" F BSP
PR-40 HF	40	2.76	100	6.90	10 - 32	2271 - 7268	1/4" F NPT, 1/4" F BSP	1" F, 1/4" F NPT, 1/4" F BSP
PR-50 HF	50	3.45	100	6.90	10 - 32	2271 - 7268	1/4" F NPT, 1/4" F BSP	1" F, 1/4" F NPT, 1/4" F BSP

Regulated pressure is 1/2 psi [0.03 bar] higher with increasing inlet pressure than with decreasing inlet pressure