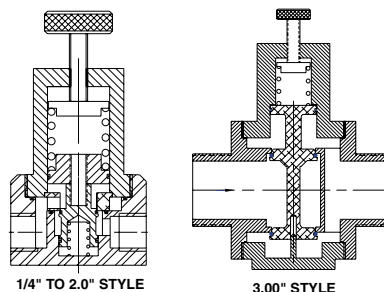


FPR Series

Fluid Pressure Regulator

Material: PVC, PP, PVDF, TEFLON
Size: 1/4" - 3"
Pressure Rating: 150 psi
Seals: EPDM, VITON, KALREZ
Connections: FNPT Threaded (1/4" - 1")
 MPT (1 1/2" - 2")



ISO 9002 CERTIFIED

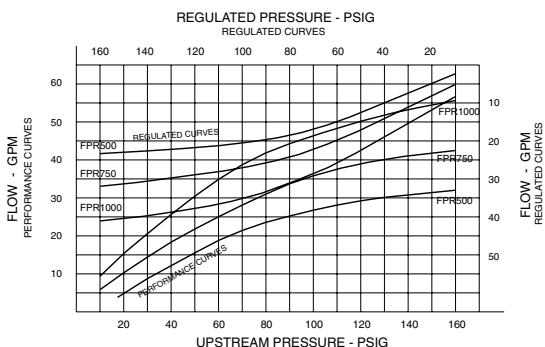
Engineering Guide Specification

Materials of Construction:

PVC: Class 12454B per ASTM D1784
PP: Class PP 110B76383 per ASTM D4101
PVDF: Type 1 per ASTM D3222

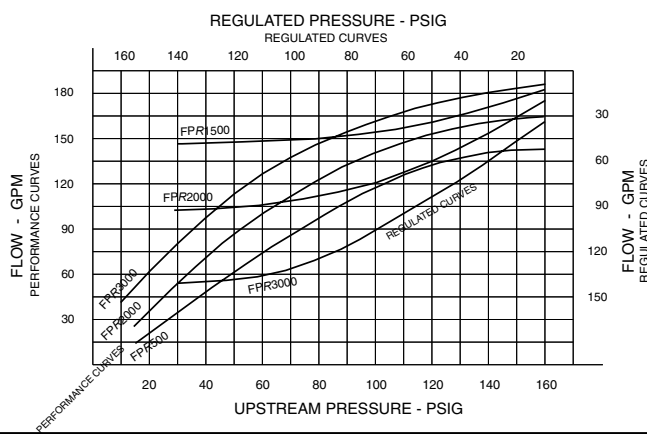
Guide Specification: The SIMTECH FPR series fluid pressure regulator is designed to protect piping systems and equipment from pressure changes. The adjustable screw and lock nut makes it easy to convert varying upstream pressure into accurate pre-set downstream pressure. Outlet pressure should be adjusted in a closed loop system within a range of 125-1200 PSI. Top entry and parallel inlet and outlet ports to facilitate installation and avoid piping problems. This patented pressure reducing valve is designed to keep the stainless steel spring totally isolated from the fluid chamber insuring no metal contact with the fluid, as manufactured by SIMTECH.

Pressure/Temperature Graph: Working PSI/Fahrenheit



The performance curves are showing the flow rate of FPR when its piston seal is fully open.

The regulated curves showing the flow rate of FPR at the points of pre-set downstream pressure.



Dimensional Data

d Inches	REGULATED PRESSURE - PSIG				Ports
	A	B	C	Cv	
1/4	2.00	3.12	.500	.580	FNTP
1/2	3 (2.9)	4.2(4.1)	.7(.7)	2.35	FNTP
3/4	3.5(3.33)	4.9(4.9)	.9(.7)	2.72	FNTP
1	4 (3.9)	5.4(5.6)	1.1(.9)	3.48	FNTP
1 1/2	5.00	8.0	1.50	15.8*	MPT
2	6.00	9.0	1.70	21.1*	MPT
3	9.7	10.9	3.8	31.7*	MPT

() MOLDED BODY DIM. UNIT = INCHES

(*) Cv value @ 150 GPM

