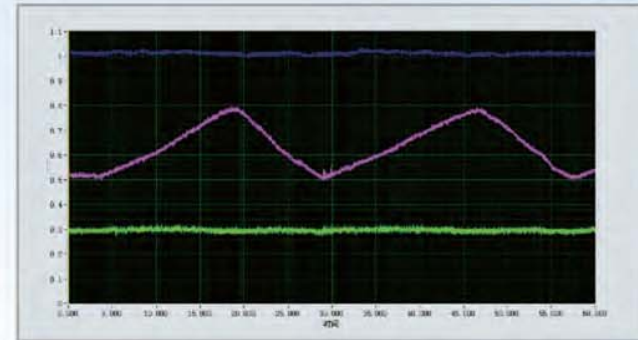


## Pressure Control Series

### 1320/1320R Pressure Reducing Valve-Fully Bore/Reduced Bore



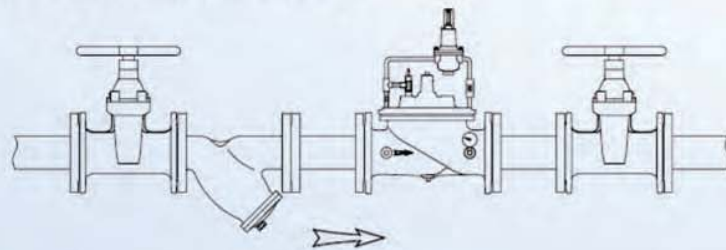
The Model 1320/1320R Pressure Reducing Valve automatically reduces a higher inlet pressure to a steady lower downstream pressure, regardless of changing flow rate and/or varying inlet pressure. This valve is an accurate, pilot-operated regulator capable of holding downstream pressure to a re-determined limit. When downstream pressure exceeds the pressure setting of the control pilot, the main valve and pilot valve close drip-tight.

1320 and 1320R Pressure reducing valve are the most commonly used control valve.

1320 and 1320R are also the most difficult and important .

1320 : Inlet pressure / Outlet pressure  $\leq 3$  Times

1320R: Inlet pressure / Outlet pressure  $\leq 5$  Times



1320 Pressure Reducing Valve-Fully Bore

1320R Pressure Reduce Valve-Reduced bore



One year static leakage test: keep outlet pressure constant (differ less than 10 percent) for one year



## Pressure Control Series

### 1320D Dual Stage Pressure Reducing Valve



The Model 1320D Dual Stages Pressure Reducing Valve automatically reduces a higher inlet pressure to two different steady lower downstream pressure, regardless of changing flow rate and/or varying inlet pressure. The two different outlet pressure can be transferred by solenoid control pilot, and adjusted separately.

### 1320M Pressure Management Valve



The Model 1320M Pressure Management Control Valve is a pressure reducing valve that allows for two downstream set points. A high pressure set point is selected for high flow demand and a low pressure set point is selected for low flow demand. This dual set point arrangement allows for reduction in water loss by not over pressurizing the system during times of low demand, while providing adequate pressure during high or fire demand. The design is 100% hydraulic and in addition to the dual pressure set points the transition point at which the pressure changes based on the flow is adjustable as well.

