



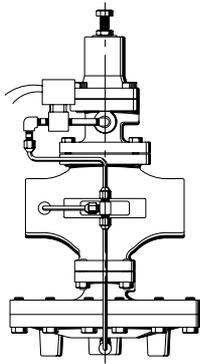
GP-2000 On/Off—For Steam Service

External Pilot Solenoid Operated Valves

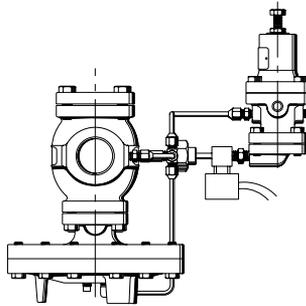
The GP-2000 On/Off option allows for remote shutoff of pressure reducing valves. Automatic shutoff during power failures and shutoff based on set points of pressure, temperature or liquid levels of process fluids. This option is available as an accessory item or may be factory installed on any of the GP-2000 Series valves. The GP-2000 On/Off is designed for a maximum pressure of 150 psig and a maximum temperature of 366°F NEMA IV standard, coil: class H 110V standard. Available with normally open or normally closed solenoids.

Non-Electric Gradient Monitoring Option (Between Water and Steam Pressure)

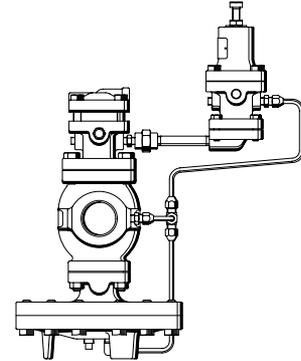
The GP-2000W1P provides a safe and dependable shutdown of steam when the water pressure falls or drops rapidly on a constant pressure, steam-to-water exchanger. Unlike a solenoid option that shuts the steam down when the water pressure drops below a pre-set point, the GP-2000W1P always maintains a constant steam pressure until water pressure drops to within 3 psig above the steam pressure. Lower water pressure will cause the steam pressure to fall, thereby maintaining a minimum 3 psig difference. This will allow the exchanger to produce hot water even when water pressure is low, and ensures that steam pressure will stay functional as long as water pressure is above 3 psig.



GP-2000, GP-11S, GP-2000R



GP-2000 Remote Mount



GP-2000W1P

Pressure and Temperature Controls

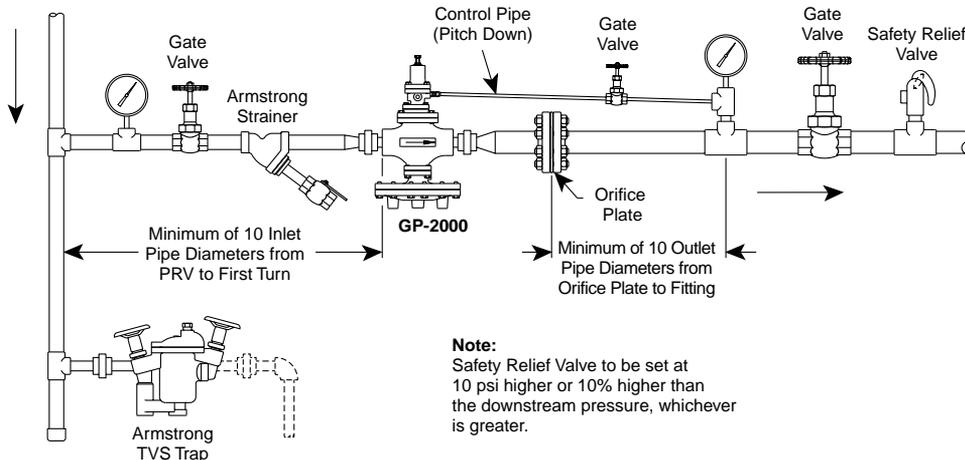
Noise Treatment

OSHA has established limits on the length of time any employee may be exposed to various sound levels. A sound level of 85 Dba or less is the acceptable standard for noise levels through a PRV in most applications. Certain facilities may require much less. Please consult Armstrong PRV Sizing Software or contact the Armstrong-Yoshitake factory for Dba levels for each application.

A muffling orifice plate consists of a 1/4" thick stainless steel plate installed between mating ANSI flanges. The orifice plate is installed in the enlarged piping downstream of the pressure regulator. Each orifice plate is engineered for specific applications to maximize noise reduction without reducing regulator capacity.

For Dba levels above 85 you can offer a 2" thick insulation cover for thermal conductivity and noise attenuation, a muffling orifice plate to reduce the velocity through the PRV, or a combination of both.

Consult Factory Representative for muffling orifice plate size and pricing.



Insulation Cover



Muffling Orifice Plate