

Pressure Gauge Accessories

| CHEMIQUIP PRESSURE LIMITING VALVE ⁽⁴⁾ | | | | |
|--|------------|----------|----------------------------------|-------|
| Type Number | Conn. | Material | Available Ranges ⁽³⁾ | Style |
| 25-5460 | 1/4 NPTF | 303 SS | 100-800 psi | L |
| 50-5500 | 1/4 NPTF | 303 SS | 800-2500 psi | M |
| 09-6430 ⁽¹⁾ | 1/4 AMINCO | 303 SS | 2500-10,000 psi ⁽¹⁾ | N |
| | | | 10,000-18,000 psi ⁽²⁾ | O |

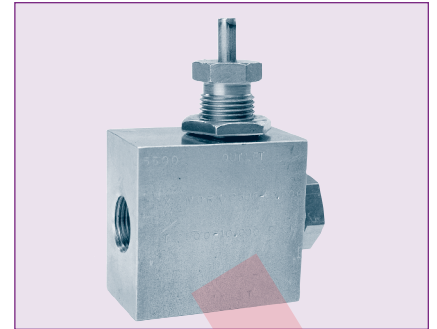
(1) Not available attached to instrument at factory.

(2) Available with model 09-6430 only.

(3) Use code XFS for factory setting.

| Type of Service | Porosity Designations |
|--|-----------------------|
| High viscous fluids (over 500 S.S.U.) | C |
| Oil (225-500 S.S.U.) | D |
| Water and light oils (30-225 S.S.U.) | E |
| Vapor and low viscosity fluids (Below 30 S.S.U.) | F |
| Air or other gases | G |
| Extreme gas pulsations | HX |

Protects pressure instruments against surges and pulsations. Provides automatic positive protection and accurate, repeatable performance. Automatic pressure shut-off. Built-in snubber enhances instrument, protecting performance.



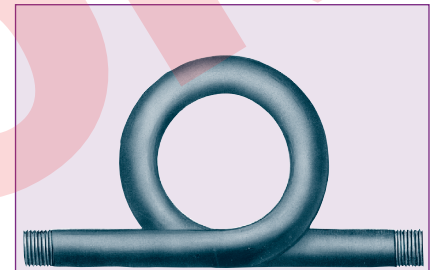
SIPHONS

In order to prevent live steam from entering a pressure gauge Bourdon tube, a siphon filled with water should be installed between the gauge and the process line. If freezing of the condensate in the loop of a siphon is a possibility, a diaphragm seal should be used to isolate the gauge from the process steam. Also use siphons whenever

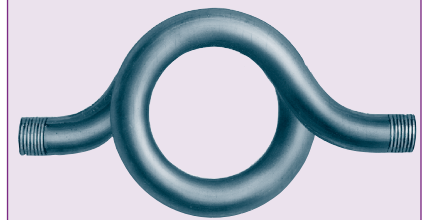
condensing hot vapors (not just steam) are present.

- Pig Tail Siphon—Number 1100 Series, 1/4" sizes: to 500 psi and 400°F.
- Coil Pipe Siphon—Number 1098 Series, 1/4", 1/2" sizes: to 9550 psi and 400°F.

| Type Number | NPT Conn. | Material | Capacity |
|-------------|-----------|---------------------------------------|--|
| 25-1098 I | 1/4 | Iron | 500 psi @ 400°F |
| 25-1098 B | 1/4 | Brass | 250 psi @ 400°F |
| 25-1098 S | 1/4 | ASTM A-106 seamless steel, Grade A | 338 psi @ 1000° to 3360 psi from -20° to 400°F |
| 50-1098 S | 1/2 | ASTM A-106 seamless steel, Grade A | 333 psi @ 1000°F to 3000 psi from -20° to 400°F |
| 50-1098 SD | 1/2 | ASTM A-106 seamless steel, Grade A | 420 psi @ 1000°F to 3740 psi from -20° to 400°F |
| 50-1098 CD | 1/2 | ASTM A-213 seamless steel, Grade T 22 | 1048 psi @ 1200°F to 9550 psi from -20° to 400°F |
| 50-1098 NS | 1/2 | Seamless stainless steel, Type 316 | 294 psi @ 1500°F to 3981 psi from -20 to 100°F |
| 50-1098 ND | 1/2 | Seamless stainless steel, Type 316 | 336 psi @ 1500°F 5840 psi from -20° to 100°F |
| 25-1100 A | 1/4 | Stainless steel | 500 psi @ 400°F |
| 25-1100 I | 1/4 | Iron – 6 3/8" Long | |
| 25-1100 IL | 1/4 | Iron – 8" Long | |
| 25-1100 IN | 1/4 | Iron – Angle | |
| 25-1100 B | 1/4 | Brass – 5 3/8" Long | 250 psi @ 400°F |
| 25-1100 BL | 1/4 | Brass – 8" Long | |



Type 1100



Type 1098