

## Pressure Gauge Accessories

CHEMIQUIP PRESSURE LIMITING VALVE <sup>(4)</sup>				
Type Number	Conn.	Material	Available Ranges <sup>(3)</sup>	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 <sup>(1)</sup>	1/4 AMINCO	303 SS	2500-10,000 psi <sup>(1)</sup>	N
			10,000-18,000 psi <sup>(2)</sup>	O

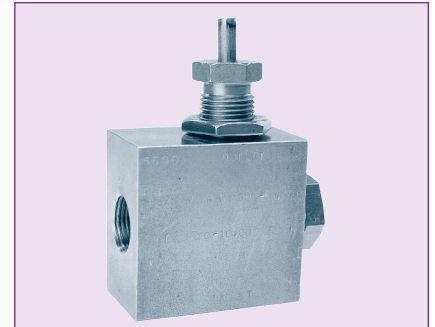
(1) Not available attached to instrument at factory.

(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	

