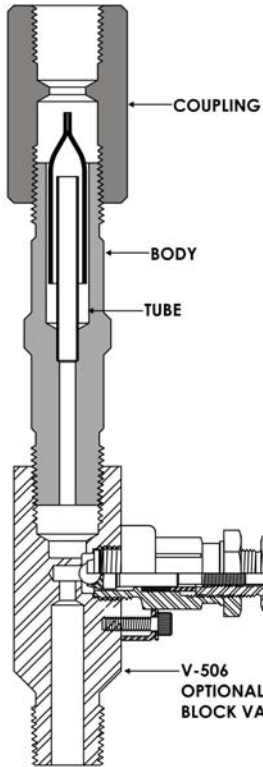
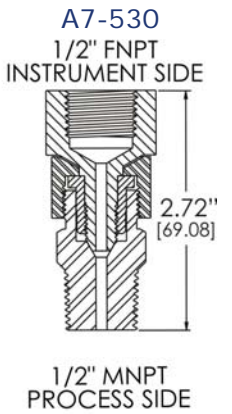
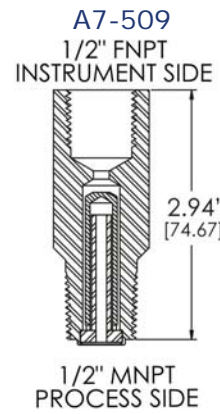
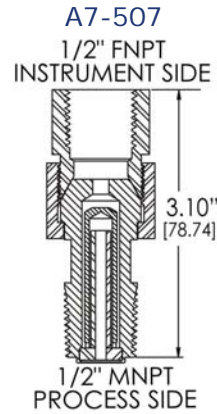
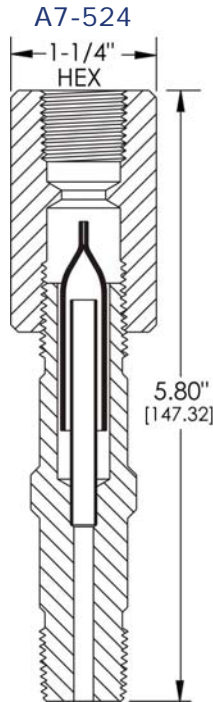


Gauge Siphons & Swivels



The PGI Gauge Siphon replaces the old style "Pigtail" siphon. The siphon provides a thermal barrier, protecting your instruments from harmful vapors. The siphon can be used as either a freeze or steam protector when used with the proper fill fluids.

When very high heat is present, the siphon, used in conjunction with the PGI V-506 Grafoil packed Hand Valve, reduces temperatures seen at the instrument by lengthening the condensate leg.



ESTIMATED GAUGE TEMPERATURES

By knowing the material of construction, saturated steam conditions, and ambient temperature, the chart below can estimate the gauge temperature for the A7-522/524-C0 & C0S. For example, if using an A7-524-C0 in an application of 500 psig, 470° F saturated steam, and 90° F ambient temperature, Chart 1 (Carbon Steel) can be utilized by following the 90° F ambient temperature curve to 500 psig. An estimated gauge temperature of 180° F is shown.

The same method will be applied for an A7-524-C0S on Chart 2 (Stainless Steel.) The estimated gauge temperature will be 144° F.

Chart 1:
Carbon
Steel

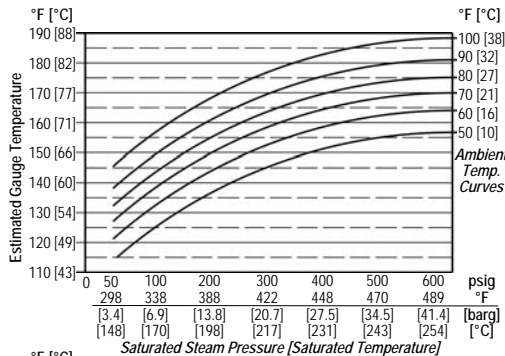
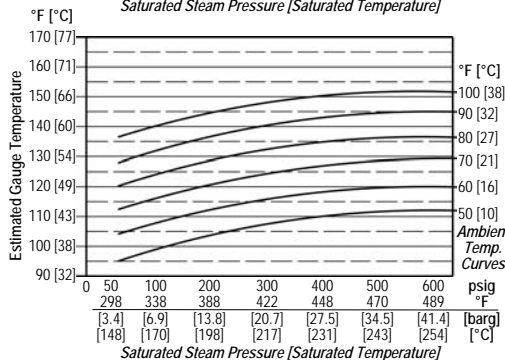


Chart 2:
Stainless
Steel



Part Number Selection

Model Numbers

Gauge Siphons: Process x Instrument	
A7-524-C0	1/2" MNPT x 1/2" FNPT; CS Coupling; 316 SS Material
A7-524-C0S	1/2" MNPT x 1/2" FNPT; 316 SS Material
A7-522-C0	3/4" MNPT x 1/2" FNPT; CS Coupling; 316 SS Material
A7-522-C0S	3/4" MNPT x 1/2" FNPT; 316 SS Material
A7-507-C0	With Excess Flow Check & Swivel; 1/2" MNPT x 1/2" FNPT; 316 SS Material
A7-508-C0	3/4" MNPT x 3/4" FNPT; CS Coupling; 316 SS Material
A7-509-C0	With Excess Flow Check; 1/2" MNPT x 1/2" FNPT; 316 SS Material
A7-530-C0	Gauge Swivel Only; 1/2" MNPT x 1/2" FNPT; 316 SS Material

Pressure vs. Temperature

Part	Pressure @ Temperature
A7-524-C0	6,000 PSI @ 200° F Max 1,500 PSI @ 500° F Max
A7-524-C0S	6,000 PSI @ 200° F Max 1,500 PSI @ 1,000° F Max
A7-530-C0	10,000 PSI @ 200° F Max 1,500 PSI @ 1,000° F Max
A7-507-C0	1,500 PSI @ 1,000° F Max
A7-508-C0	10,000 PSI @ 200° F Max 1,500 PSI @ 500° F Max
A7-509-C0	1,500 PSI @ 1,000° F Max

Weights

Approx. Weights:

- 1.51 lbs. [0.68 kg] ea. (A7-508 and A7-522/524-C0/C0S)
- 0.58 lbs. [0.26 kg] ea. (A7-530-C0)
- 0.60 lbs. [0.27 kg] ea. (A7-507-C0)
- 1.00 lbs. [0.45 kg] ea. (A7-509-C0)