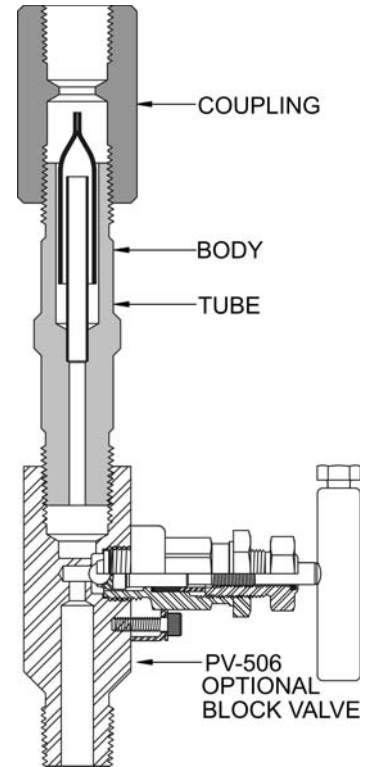
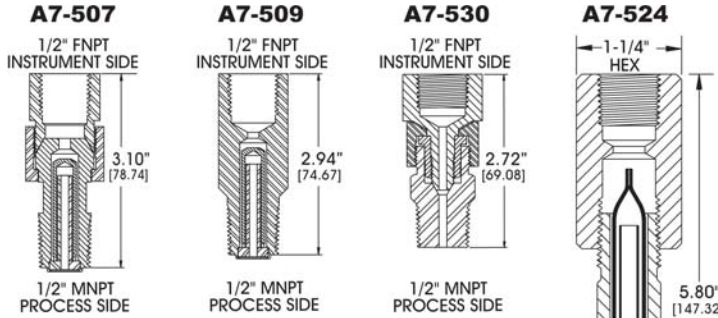


# Gauge Siphons

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.



## Gauge Siphons

PART NO.	CONNECTIONS		BODY	COUPLING	TUBE
	INLET	OUTLET			
<b>Gauge Siphons</b>					
A7-524-C0	1/2" MNPT	1/2" FNPT	316 SS	CS	316 SS
A7-524-C0S	1/2" MNPT	1/2" FNPT	316 SS	316 SS	316 SS
A7-522-C0	3/4" MNPT	1/2" FNPT	316 SS	CS	316 SS
A7-522-C0S	3/4" MNPT	1/2" FNPT	316 SS	316 SS	316 SS
A7-508-C0	3/4" MNPT	3/4" FNPT	316 SS	CS	316 SS
<b>Gauge Siphons with Excess Flow Check</b>					
A7-509-C0	1/2" MNPT	1/2" FNPT	316 SS		
<b>Gauge Siphons with Excess Flow Check and Swivels</b>					
A7-507-C0	1/2" MNPT	1/2" FNPT	316 SS		
<b>Gauge Swivel</b>					
A7-530-C0	1/2" MNPT	1/2" FNPT	316 SS		

## Hand Block Valve

PART NO.	CONNECTIONS		BODY & BONNET	PACKING	SEAT
	INLET	OUTLET			
PV-506CCG	1/2" MNPT	1/2" FNPT	ASTM A105 CF	Grafoil®	Carbide Ball
PV-506SCG	1/2" MNPT	1/2" FNPT	ASTM A479-316 SS		

## 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.

