

Fig. 912 Anti-Syphon Valve

Specification Sheet



The Fig. 912 Anti-Syphon Valve is used on storage tank systems to prevent the formation of a syphon in the event of a line break or leak. The Fig. 912 will help prevent product loss, environmental contamination and/or fire hazards.

The 912 has built in expansion relief of 25 PSI. The stainless steel/Viton® construction allows for greater fluid compatibility.

The 912 is designed to be installed in the piping system above the top of the tank. A unique feature is the ability to be installed in both horizontal and vertical piping.

- Wetted components: 304/316 Stainless Steel; Viton® GF
- Maximum working pressure: 200 psi
- Working temperature: -40°F to 300°F
- Fluid compatibility: Gasoline, Ethanol, Diesel, Biodiesel, DEF, Urea (other fluids may also be compatible with further review)

I.D. NUMBER	A	B	C	WT.
912-070500 AV	.75"	5	4.85	0.75
912-071000 AV	.75"	10	9.26	0.75
912-071500 AV	.75"	15	13.68	0.75
912-072000 AV	.75"	20	18.08	0.75
912-100500 AV	1"	5	4.85	1.3
912-101000 AV	1"	10	9.26	1.3
912-101500 AV	1"	15	13.68	1.3
912-102000 AV	1"	20	18.08	1.3

SPECIFICATION OPTIONS:

A—Fitting Size
 B—Head (Ft. of Water Column)
 C*—Opening Vacuum (in.Hg)
 WT.—Weight (Lb.)

*BSP threads are available in all sizes (912B Series)

Note: Opening vacuum values were determined by testing with water through the valve alone. All piping system losses will affect the vacuum required to pump through the valve and system.



FMF



MFF

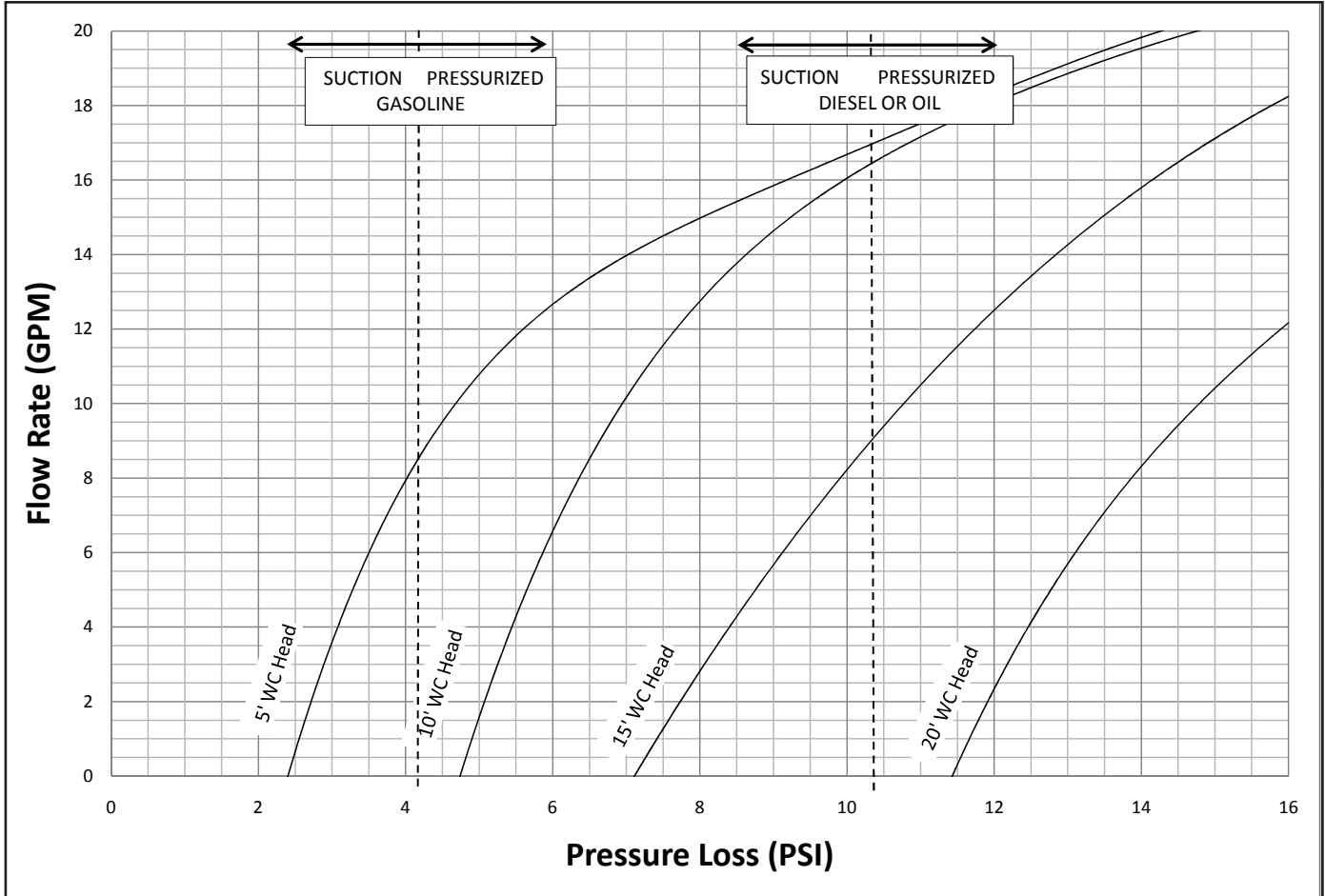
Priming Tees w/ Plugs
 Constructed of 304 Stainless Steel

The priming tee is an optional device that allows the installer/operator to fill the piping system with fluid. This allows a prime to be established for pumps and other devices. The tee also allows an access point for system maintenance and troubleshooting, such as installing a pressure gauge.

1" MxMxF NPT Tee with Plug		
I.D. NUMBER	Size	Weight
912-070511 AT	0.75"	0.6 lbs.
912-100511 AT	1.00"	1.25 lbs.

FxFxMxF NPT Tee with Plug		
I.D. NUMBER	Size	Weight
912-070510 AT	0.75"	0.6 lbs.
912-100510 AT	1.00"	1.25 lbs.

Fig. 912 Anti-Syphon Valve



Note: The flow curve for the 912 ASV were performed in-house on a pressurized system using water. The pressure loss was measured over the valve and includes connections to associated piping.