

M 912 Series Anti-Siphon Valves

SPECIFICATION SHEET

Application

Anti-siphon valves are used to help prevent the accidental siphoning of a product from a tank in the event of a leak downstream below the liquid level.

Features and Details

- Valve functions in horizontal and vertical position
- Integrated expansion relief set at approximately 25 PSI
- Factory preset to several ranges of water column
- Maximum working pressure is 200 PSI
- Operating temperature range is -10°F to 200°F
- Normally closed

Materials of Construction

- Wetted components... 304/316 stainless steel
- Disc... Viton®



Fig. 912

Item Number	A	B	C
912-050500 AV	½"	0'-5'	0.87
912-051000 AV	½"	5'-10'	0.87
912-051500 AV	½"	10'-15'	0.87
912-052000 AV	½"	15'-20'	0.87
912-070500 AV	¾"	0'-5'	0.90
912-071000 AV	¾"	5'-10'	0.90
912-071500 AV	¾"	10'-15'	0.90
912-072000 AV	¾"	15'-20'	0.90
912-100500 AV	1"	0'-5'	1.55
912-101000 AV	1"	5'-10'	1.55
912-101500 AV	1"	10'-15'	1.55
912-102000 AV	1"	15'-20'	1.55

SPECIFICATION OPTIONS:

- A—Fitting size (NPT)
- B—Head (ft. of water column)
- C—Weight (lbs)

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

Note: Opening vacuum values were determined by testing with water through the valve alone. This valve is designed for use in engineered fluid transfer piping systems. The pump capacities and all piping system losses must be considered by the system design engineer during valve selection. All piping system losses will affect the vacuum required to pump through the valve and system.

More information and priming tees on next page...



912 Series Anti-Siphon Valves (continued)

Item Number	Setting	Opening Pressure (PSI)	Opening Vacuum (In. Hg)	Ft. Water	Ft. Diesel	Ft. Gas
912-050500 AV	0'-5'	2.17	4.43	5'0"	5'9"	6'11"
912-070500 AV						
912-100500 AV						
912-051000 AV	5'-10'	4.34	8.85	10'0"	11'6"	13'10"
912-071000 AV						
912-101000 AV						
912-051500 AV	10'-15'	6.51	13.28	15'0"	17'3"	20'8"
912-071500 AV						
912-101500 AV						
912-052000 AV	15'-20'	8.68	17.71	20'0"	23'0"	27'7"
912-072000 AV						
912-102000 AV						

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" MxFxF NPT Tee with Plug		
Item Number	Size	Weight
912-050511 AT	½"	0.60 lbs.
912-070511 AT	¾"	0.60 lbs.
912-100511 AT	1"	1.25 lbs.

FxFxF NPT Tee with Plug		
Item Number	Size	Weight
912-050510 AT	½"	0.60 lbs.
912-070510 AT	¾"	0.60 lbs.
912-100510 AT	1"	1.25 lbs.

