

OPW 99ASV ANTI-SIPHON VALVE

The OPW 99ASV Anti-Siphon Valve is designed to help prevent siphoning of an aboveground storage tank should a leak or break occur in the fuel supply line. The 99ASV installs on the top of an aboveground storage tank with a suction rod on the inlet and the fuel supply line (to a remote pump) on the outlet of the valve. A poppet in the valve remains normally closed, isolating the tank from siphoning. When the remote pump is activated, it overcomes a factory-adjusted spring set to a predetermined hydrostatic head pressure and allows flow of fuel out of the AST. An internal pressure relief valve helps absorb thermal expansion in the fuel supply line. The 99ASV is available in 3/4" or 1" female NPT in cast iron bodies; 1 1/2" and 2" female NPT in aluminum bodies with four different factory-adjusted hydrostatic head pressure settings.

Features:

- ◆ Factory-Adjusted Hydrostatic Head Pressure Settings– Allow for quick, safe, and easy installation on above-ground tanks
- ◆ Internal Pressure Relief Valve – Helps protect piping & fittings from damage due to thermal expansion.
- ◆ 3/4" and 1" Cast Iron Bodies – Compatible with gasoline, diesel, kerosene, ethanol, methanol, fuel oil, and jet fuels.
- ◆ 1 1/2" and 2" Aluminum Bodies – Compatible with gasoline, diesel, kerosene, ethanol, methanol, and fuel oil.
- ◆ UL Listed - To satisfy 3rd Party accreditation requirements of many jurisdictions.

Ordering Specifications

Product No.	in.	mm.	Hydrostatic Head Pressure (Dimension A)
99ASV-1075	3/4"	19	0'-5'
99ASV-2075	3/4"	19	5'-10'
99ASV-3075	3/4"	19	10'-15'
99ASV-4075	3/4"	19	15'-20'
99ASV-1100	1"	25	0'-5'
99ASV-2100	1"	25	5'-10'
99ASV-3100	1"	25	10'-15'
99ASV-4100	1"	25	15'-20'
99ASV-1150	1 1/2"	38	0'-5'
99ASV-2150	1 1/2"	38	5'-10'
99ASV-3150	1 1/2"	38	10'-15'
99ASV-4150	1 1/2"	38	15'-20'
99ASV-1200	2"	51	0'-5'
99ASV-2200	2"	51	5'-10'
99ASV-3200	2"	51	10'-15'
99ASV-4200	2"	51	15'-20'

Materials: 3/4" & 1" 1 1/2" & 2"

Body:	aluminum	cast iron
Bonnet:	aluminum	cast iron
Cap:	aluminum	cast iron
Spring:	stainless steel	stainless steel
Poppet and Seat:	hard-coated aluminum	brass
Adjustment Screw:	stainless steel	brass
Poppet Seal O-ring:	highly saturated nitrile	highly saturated nitrile
All Other O-rings:	Buna-N	Buna-N



99ASV

