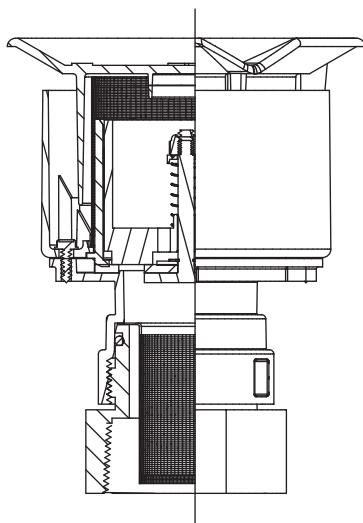


## OPW 723V Pressure Vacuum Vents

Pressure Vacuum Vents are installed on the top of vent pipes from underground or aboveground fuel-storage tanks. The vent-cap and internal wire screen are designed to protect the tank-vent lines against intrusion and blockage from water, debris or insects. A normally closed poppet in the valve opens at a predetermined pressure or vacuum setting to allow the tank to vent.



### Conversion Table

Measurement Units	=	Oz.	PSI	In H <sub>2</sub> O (WC)	In Hg (Merc)	Bar
Bar	x	236.0	14.5	401.4	29.53	
In. Hg (Mercury)	x	7.843	0.49	13.6		0.034
In H <sub>2</sub> O (WC)	x	0.578	0.04		0.074	0.002
PSI	x	16.00		27.68	2.04	0.069
Oz.	x		0.063	1.73	0.128	0.004

## Materials

**Top/Body:** Polypropylene  
**Base:** Anodized aluminum  
**Poppet:** Anodized aluminum  
**Screen:** Stainless-steel mesh  
**Gasket:** Cellular rubber



723V

Vent Must Be Mounted Vertically



## Features

- ◆ **Preset and Tested Factory Settings** - 2.5" to 6" water-column pressure settings and -6" to -10" water-column vacuum settings
- ◆ **Cycle Tested For Reliability** - tested to the equivalent of 80 years of service in the most severe environment without leakage problems
- ◆ **Long Service Life** – corrosion-resistant Duratuff® composite construction
- ◆ **Easy Installation** – the 723V is available in 2" and 3" threaded versions
- ◆ **Certifications** – California Air Resources Board and Enhanced Vapor Recovery (CARB EVR)
- ◆ **UL Approved to CARB CP-201 Requirements**
- ◆ Underwriters Laboratory 2583 Listed
- ◆ Complies with NFPA 30 Requirements for venting gasoline vapors upward
- ◆ **High Maximum Flow Rate** – 6450 SCFH at 2 psi (0.1 bar) pressure drop
- ◆ **Manifold Vent Pipes** – vent pipes may be manifolded to produce a single Pressure Vacuum Vent line. The 723V exceeds California's requirements of a maximum vapor leak rate of 0.17 SCFH at 2.00 inches H<sub>2</sub>O
- ◆ **Leak Rate** – multiple pressure vacuum vents may be installed on a single site. The 723V exceeds California standards with a leak rate of 0.05 SCFH or less at 2.00 inches H<sub>2</sub>O
- ◆ **Screened Tank Vent Lines** – a 65-micron stainless-steel screen helps prevent debris and insects from entering the lines. An added screen installed at the base prevents debris from intruding from the vent stack
- ◆ **No Tools Required** – A removable snap-fit top allows for easy maintenance (recommended yearly)
- ◆ **Removable Threaded Bushing** – designed for easy installation on NPT-threaded risers. Allows easy access to lower screen

723V Instruction Sheet  
 Order Number: 211276

## Listings and Certifications



## Ordering Specifications

Product #	Description	Identification Label Color	lb.	kg
723V-2203	2" Thread, 2" to 3" WC Pres., 8" WC Vac., 2" NPT, Thread-On	Yellow	1.55	.70
723V-3203	3" Thread, 2" to 3" WC Pres., 8" WC Vac., 3" NPT, Thread-On	Yellow	2.20	1.00

## Replacement Parts

Part Number	Description
C05086M	Lower Screen
209817	Upper Screen
C05089	2" Threaded Base Adaptor
C05122	3" Threaded Base Adaptor