VST's SENTRY™ Pressure Vacuum (P/V) Valves

UL LISTED and CARB EVR Certified

VST SENTRY™ Pressure Vacuum (P/V) Valves are highly engineered products designed to protect the structural integrity of the Underground Storage Tank (UST) from extreme positive and negative pressure conditions caused by fuel drops and vehicle dispensing. These robustly, unique P/V valves help to prevent unwanted vapor emissions from escaping into the environment.

VST

Vapor Systems Technologies, Inc.

Striving Towards Sustainability

SENTRY™ Pressure Vacuum Valves

Styles and Specifications

VST offers two styles of the SENTRY™ Pressure Vacuum Valve.

VST-EVRPV-100 is a top-mount model that can be installed near the top of the vent pipe. It can be used as a quick and easy replacement for any traditionally installed P/V valve.

Specifications

- 2" NPT Threads (Both Ends)
- Height: 7.75"
- Width: 4.00"

(2" threaded pipe nipple not included)

VST-EVRPV-200 is an industry innovation that can be installed and tested as an easily accessible mid-mount vent pipe location. This model allows the tester the opportunity to test-in-place at ground level. No need for a ladder or lift rental.

Specifications

- 2" NPT Threads (Both Ends)
- Height: 10.0"
- Width: 4.00"

Every SENTRY™ Pressure Vacuum Valve is shipped with a **VST-RC-200** specific style protective rain cap to keep out water and foreign debris.

Test-In-Place Kit for VST-PV-200

VST-TIP-200 Kit includes:

- Stainless steel TIP stinger
- Testing hose
- Bell adapter for connection to P/V test unit

(P/V test unit not included)

Design Features

- Patented
- CARB EVR Certified
- Underwriters Laboratory 2583 Listed – UL MH64692
- Complies with NFPA 30 Requirements
- Simple, robust, mechanical design
- No springs
- No diaphrams
- 2" FPT (female pipe thread) flanges for easy installation onto 2" NPT threaded vent pipe
- Compatible with manifolded vent pipe applications
- Compatible with E0 to E85 fuel blends
- Aluminum body
- Stainless steel internal components

Specifications

Pressure setting:	2.5 to 6.0 IWC
Vacuum setting:	6.0 to 10.0 IWC
Pressure leak rate:	≤ .05 CFH at 2 IWC
Vacuum leak rate:	≤ .21 CFH at 4.0" IWC
Operating temp.:	-22° to +122° F (-30° to +50° C)

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