

Secondary Containment Vacuum Sensing System

For Non-STP Applications

The Veeder-Root Secondary Containment Vacuum Sensing (SCVS) System for the TLS-450PLUS Automatic Tank Gauge (ATG) detects leaks in double-walled fuel tanks, sumps, and piping systems. It helps contain released product while under vacuum. **Many fuel applications use a Red Jacket® Submersible Turbine Pump (STP) as the vacuum source. However, in certain non-STP installations, such as chemical, suction, food-grade, and waste-liquid applications, the PetroVac™ Vacuum Pump System maintains a stable vacuum.** Whether you have an STP or a non-STP application, simplify compliance and maximize protection with a vacuum-monitored secondary containment system.

PetroVac is available in two volume options and three cabinet options.

- Low volume up to 1,000 gallons of total secondary volume – **USV7F**
- High volume 1,001 gallons and over of total secondary volume – **USV15F**
- White cabinet – **WHT**, Grey cabinet – **GRY**, Stainless Steel cabinet – **SS**



PetroVac Model Numbers

Part Number	Description
PV331-USV7F-WHT	Low volume / White Cabinet
PV332-USV15F-WHT	High volume / White Cabinet
PV333-USV7E-GRY	Low volume / Grey Cabinet
PV334-USV15F-GRY	High volume / Grey Cabinet
PV335-USV7F-SS	Low volume / Stainless Steel Cabinet
PV336-USV15F-SS	High volume / Stainless Steel Cabinet

PetroVac System Specifications

Description	Details
Cabinet Measurements	36" H x 30" W x 16" D
Weight	165lbs
Power Requirements	230V / 208V / 115V – @60 HZ
CFM Rating	7.5 / 15
Motor HP	1 / 1.5
Noise Level (dba)	70 / 72



PetroVac™ Vacuum Pump System



Veeder-Root SCVS System

Veeder-Root Secondary Containment Vacuum Sensing System Specifications

Description	Measurement
Operating Temperature Rating	-25 °C to +70 °C
Cable Length	8'
Sensor Dimensions	5" H x 5" W x 2" D
Console Capability	TLS-450PLUS
Software Version	Supported with Version 9.A and higher
Vacuum Sensors are sold in kits with 1, 2, 3 or 4 sensors.	

For more information on the Veeder-Root SCVS System, reference the [Secondary Containment Vacuum Sensing System \(576047-308\)](#).



Reliable Leak Detection

Maintains a stable vacuum in the interstitial space, enabling rapid detection of breaches in both inner and outer tank/piping walls.



Automatic Operation

Integrates with the Veeder-Root TLS-450PLUS ATG and SCVS System, automatically restoring vacuum and triggering alarms as needed.



Flexible Applications

Ideal for systems without STPs, including generator and boiler UST systems where suction systems are required. Waste products and chemical storage where the UST systems are governed by the State Water Resources Control Board – CCR, Titel 23, Division 3, Chapter 16.



Tested & Evaluated

Third party evaluation by Ken Wilcox and Associates. Listed on LG-113 by CA's State Water Resources Control Board (SWRCB) and by the National Work Group of Leak Detection Evaluations (NWGLDE).

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