



VST ENVIRO-LOC™

Enhanced Vapor Recovery

For California



Vehicles Tested		TP-203.2 Efficiency (%)	Emission Factor (lbs/10 ³ gal)
Conventional	127	98.8	0.09
ORVR	73	96.2	0.04
Combined	200	98.5	0.07

Fugitive Emission Rate: 0.015408 lbs/ 1000 gal

At over 98% efficient in reducing fugitive emissions

You can Protect the Environment and Save Money!



VST ENVIRO-LOC™ EVR Balance Fuel Nozzle



The Entire ENVIRO-LOC
Product Line Exceeds All
CARB EVR Requirements



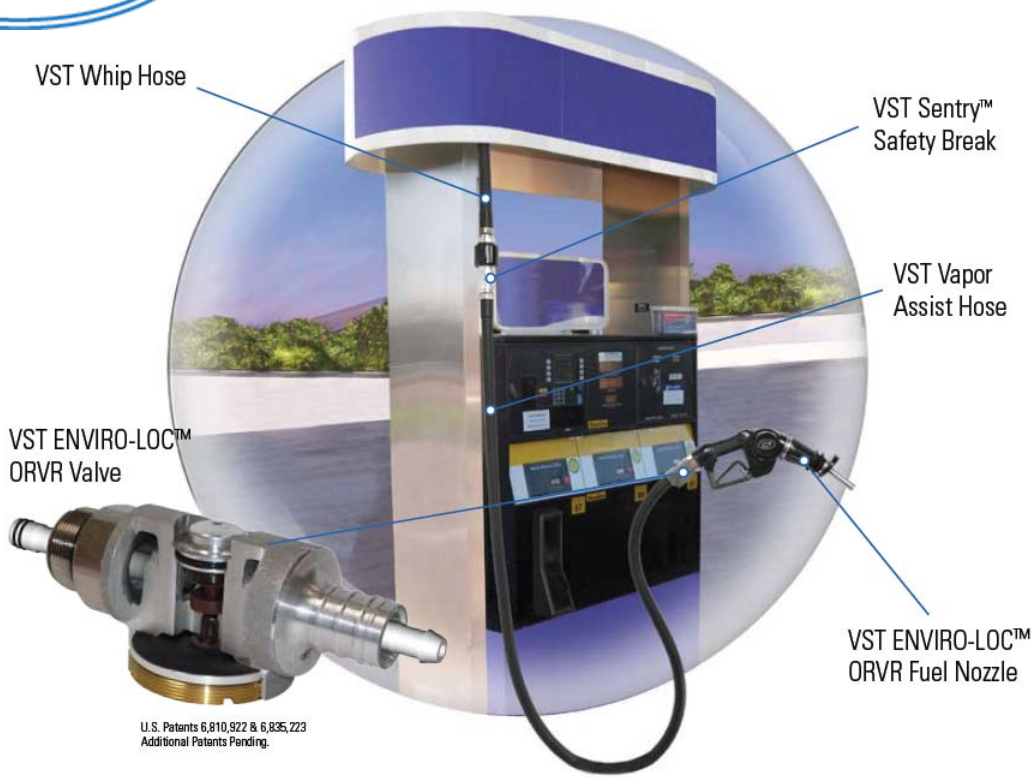
Vapor Systems Technologies, Inc.

Nozzle Category	Current USA Standards	CARB EVR Requirement	VST EVR Nozzle CARB Test Results
A. Liquid Retention	No known standard	≤ 100 ml. per 1,000 gal. dispensed	≤ 14.759 ml. per 1,000 gal. dispensed
B. Spillage	≤ .42 lbs per 1,000 gal. dispensed	≤ .24 lbs. per 1,000 gal. dispensed	≤ .016 lbs. per 1,000 gal. dispensed
C. Spitting	No known standard	≤ 1.0 ml. per refueling	Zero
D. Drops/refueling	No known standard	** ≤ 3 drops per refueling	≤ 2.375 drops per refueling
		** (included in spillage totals)	

Saves up to 93% more emissions than the CARB Standard



VST ORVR Solution



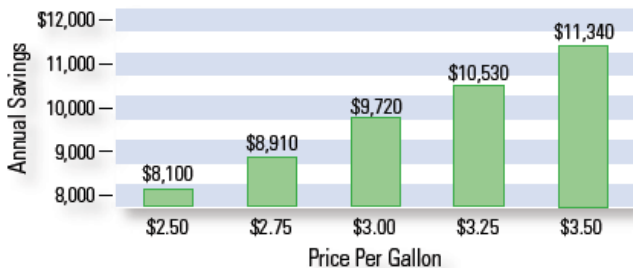
U.S. Patents 6,910,922 & 6,835,223
Additional Patents Pending.



Protects both air and water from fugitive emissions associated with positive Underground Storage Tank (UST) pressures.

Fugitive Emissions Savings

Savings are based on the VST ORVR solution's collection/control of fugitive emissions associated with over-pressurization of the UST due to ingestion of fresh air while refueling ORVR vehicles.



Savings Formula:

Gallons per Month x Vaporization Standard x
Price per Gallon x 12 months = Additional Profit Dollars

Example: 150,000 Gal./Mo. x 0.0018 x \$2.75/Gal. x 12 = \$8,910

Features

- Easy Installation
- Environmentally Friendly
- Operates with ORVR and Non-ORVR Vehicles
- Controls UST Pressure
- Automatically Reduces Fugitive Emissions
- Customer Friendly

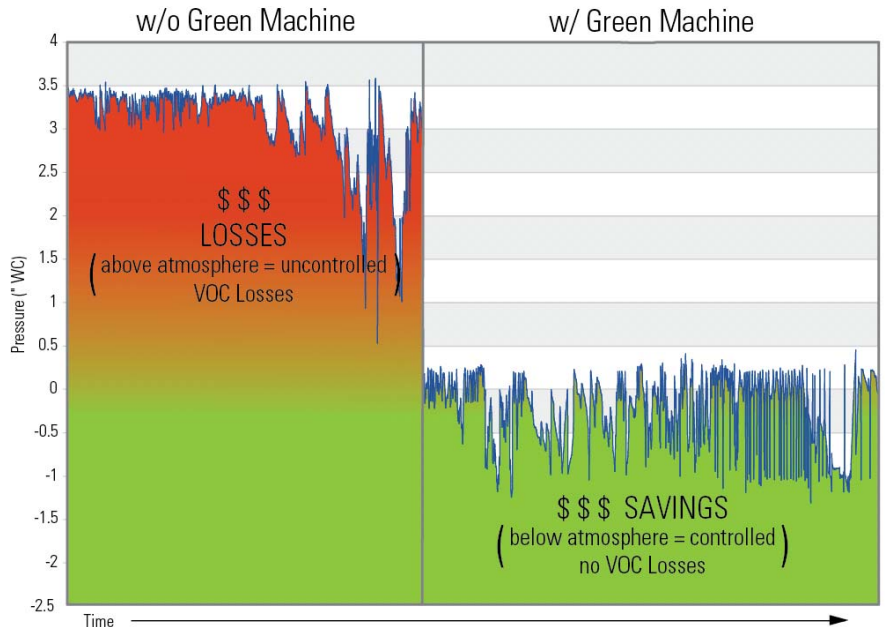
Benefits

- Lowest Cost Stage II Vac Assist ORVR Solution
- No Station Shut Down During Installation
- Positive Cash Payback
- 99% Efficient in Fugitive Emissions Control
- Reduces UST Vapor Growth
- Protects Air and Water from Fugitive Emission Contamination
- Reduces Fuel Odors

Negative Pressure. Positive Cashflow.



No loss is your GAIN\$\$\$



Controlling air and ground water contamination with REAL ROI!

SAVINGS FORMULA:

(GM Vapor Return Standard) X 24 hours/day X 30 days/mo X price/gal X 12 mo = Returned Emissions \$

Example:

Maximum Run Time (Assist system with ORVR):

(GMVR Standard) X 24 X 30 X \$2.50 X 12 = \$18,000

Median Run Time (Assist system without ORVR):

(GMVR Standard) X 24 X 30 X \$2.50 X 12 = \$9,000

Low Run Time (Balance system without ORVR):

(GMVR Standard) X 24 X 30 X \$2.50 X 12 = \$4,500

The *Green Machine* at max run time will save roughly 1 gal/hour