

# Vapor Systems Technologies, Inc. Petroleum Products List Price Schedule



**Vapor Systems Technologies, Inc.**  
One Company – Integrated Solutions



**Effective April 5, 2021**  
(Supersedes all previous price pages)



**Striving Towards Sustainability**

# Vapor Systems Technologies, Inc.



Founded in 1990, VST has dedicated its attention to the development and manufacture of environmentally focused products designed to reduce the harmful fugitive Volatile Organic Compounds (VOCs) vapors emitted at the Gasoline Dispensing Facility (GDF) segment of the petroleum industry. VOC emissions create a dangerous health hazard to the world's population and VST recognizes the challenges we face in creating a healthier, more sustainable environment for future generations. Today, our original philosophy is still in place and getting stronger.

VST specializes in the development, engineering, manufacturing, and sale of exceptional products, services, and innovative solutions for improving the fueling station experience, as well as the world's air and water quality. Additionally, we are committed to a comprehensive corporate effort of improving our environmental stewardship with multiple recycling initiatives both with our product offering and production methodologies.

VST's product offering includes; low permeation, standard, and vapor recovery hoses, safety breakaways, nozzles, and underground storage tank pressure management processors. This combination of product solutions represents the most innovative concept in the industry for collection and containment of fugitive vapors (VOCs) from the front end (vehicle refueling) to the back end (vent stacks) of a GDF site.



**Vapor Systems Technologies, Inc.**  
One Company – Integrated Solutions

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# ENVIRO-LOC™ EVR Hanging Hardware

 Listed and CARB EVR Certified



## **EVR Platinum Balance Whip Hose**

- Non-Venturi Hose (VSTAP-EVR Series)
- Swivel Coupling Both Ends
- Multiple Lengths
- Anti-Stretch Safety Cable

## **EVR Balance Safety Breakaway**

- Field Reattachable

## **EVR Balance Nozzle**

- New or Rebuilt
- Dripless/Spitless
- Safety Interlock Design

## **EVR Platinum Balance Primary Hose**

- Venturi Hose (VDVP-EVR Series)
- Patented Variable Design Venturi
- Larger Vapor Hose O.D.
- Swivel Coupling Both Ends
- Multiple Lengths
- Anti-Stretch Safety Cable

## **Certifications and Listings**

- UL 330 Listed Hose Assemblies
- UL 567 Listed Safety Breakaway
- UL 2586 Listed Nozzle
- California Air Resource Board (CARB) Certified (Enhanced Vapor Recovery Specifications) EO VR-203 and 204
- California OSHA Approved
- California Department of Measurement Standards
- California State Fire Marshal
- California State Water Board





## ENVIRO-LOC™ EVR Platinum Balance Hoses



### Anti-Stretch Safety Cable (See Page 28)

- Inner Hose:** 5/8" ID wire braid, 150 PSI rated working pressure
- Outer Hose:** 1-1/2" ID helical wire reinforced gasoline and vapor resistant
- Swivel Coupling:** Aluminum insert and swivels with high grade Viton® seal
- Venturi:** Patented spring loaded variable design
- Certification and Listing:**
  - UL 330 Listed Hose Assemblies
  - CARB EVR Certified

### ENVIRO-LOC™ Platinum Phase II Balance Enhanced Vapor Recovery (EVR) Products

VSTAP EVR Series: EVR Balance Non-Venturi Hoses  
1-7/8" – 12 UN Thread

VDVP EVR Series: EVR Balance Venturi Hoses  
1-7/8" – 12 UN Thread

Length	Part Number	List Price	Part Number	List Price
10"	VSTAP-EVR-010	\$172.98		
12"	VSTAP-EVR-012	\$172.98		
18"	VSTAP-EVR-018	\$189.20		
4.0'	VSTAP-EVR-048	\$232.54	VDVP-EVR-048	\$419.54
4.5'	VSTAP-EVR-054	\$248.72	VDVP-EVR-054	\$434.30
5.0'	VSTAP-EVR-060	\$264.94	VDVP-EVR-060	\$449.12
5.5'	VSTAP-EVR-066	\$281.16	VDVP-EVR-066	\$463.92
6.0'	VSTAP-EVR-072	\$297.38	VDVP-EVR-072	\$478.70
6.5'	VSTAP-EVR-078	\$313.70	VDVP-EVR-078	\$493.50
7.0'	VSTAP-EVR-084	\$329.92	VDVP-EVR-084	\$508.28
7.5'	VSTAP-EVR-090	\$346.16	VDVP-EVR-090	\$523.14
8.0'	VSTAP-EVR-096	\$362.42	VDVP-EVR-096	\$537.90
8.5'	VSTAP-EVR-102	\$378.60	VDVP-EVR-102	\$552.68
9.0'	VSTAP-EVR-108	\$394.88	VDVP-EVR-108	\$567.50
9.5'	VSTAP-EVR-114	\$412.74	VDVP-EVR-114	\$582.30
10.0'	VSTAP-EVR-120	\$430.58	VDVP-EVR-120	\$597.10
10.5'	VSTAP-EVR-126	\$448.44	VDVP-EVR-126	\$611.96
11.0'	VSTAP-EVR-132	\$466.32	VDVP-EVR-132	\$626.76
11.5'	VSTAP-EVR-138	\$484.18	VDVP-EVR-138	\$641.54
12.0'	VSTAP-EVR-144	\$502.00	VDVP-EVR-144	\$656.32
12.5'	VSTAP-EVR-150	\$519.88	VDVP-EVR-150	\$671.18

**Packaging:**

Whip Hoses Individually Boxed  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled

## ENVIRO-LOC™ EVR Balance Hoses



**Inner Hose:** 5/8" ID wire braid, 150 PSI rated working pressure

**Outer Hose:** 1-1/2" ID helical wire reinforced gasoline and vapor resistant

**Swivel Coupling:** Aluminum insert and swivels with high grade Vitor® seal

**Venturi:** Patented spring loaded variable design

**Certification and Listing:**

- UL 330 Listed Hose Assemblies
- CARB EVR Certified

### ENVIRO-LOC™ Phase II Balance Enhanced Vapor Recovery (EVR) Products

VSTA EVR Series: EVR Balance Non-Venturi Hoses  
1-7/8" – 12 UN Thread

VDV EVR Series: EVR Balance Venturi Hoses  
1-7/8" – 12 UN Thread

Length	Part Number	List Price	Part Number	List Price
10"	VSTA-EVR-010	\$142.84		
12"	VSTA-EVR-012	\$142.84		
18"	VSTA-EVR-018	\$156.20		
4.0'	VSTA-EVR-048	\$191.96	VDV-EVR-048	\$375.86
4.5'	VSTA-EVR-054	\$205.38	VDV-EVR-054	\$389.14
5.0'	VSTA-EVR-060	\$218.76	VDV-EVR-060	\$402.38
5.5'	VSTA-EVR-066	\$232.14	VDV-EVR-066	\$415.60
6.0'	VSTA-EVR-072	\$245.54	VDV-EVR-072	\$428.94
6.5'	VSTA-EVR-078	\$258.96	VDV-EVR-078	\$442.18
7.0'	VSTA-EVR-084	\$272.40	VDV-EVR-084	\$455.40
7.5'	VSTA-EVR-090	\$285.78	VDV-EVR-090	\$468.70
8.0'	VSTA-EVR-096	\$299.24	VDV-EVR-096	\$481.98
8.5'	VSTA-EVR-102	\$312.60	VDV-EVR-102	\$495.20
9.0'	VSTA-EVR-108	\$326.04	VDV-EVR-108	\$508.44
9.5'	VSTA-EVR-114	\$340.76	VDV-EVR-114	\$521.74
10.0'	VSTA-EVR-120	\$355.50	VDV-EVR-120	\$534.96
10.5'	VSTA-EVR-126	\$370.22	VDV-EVR-126	\$548.34
11.0'	VSTA-EVR-132	\$385.00	VDV-EVR-132	\$561.56
11.5'	VSTA-EVR-138	\$399.74	VDV-EVR-138	\$574.82
12.0'	VSTA-EVR-144	\$414.48	VDV-EVR-144	\$588.04
12.5'	VSTA-EVR-150	\$429.20	VDV-EVR-150	\$601.34

**Packaging:**

Whip Hoses Individually Boxed  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled



## ENVIRO-LOC™ EVR Balance G2 Nozzles



- Casting:** Aluminum
- Spout:** Aluminum
- Seals/O-Rings:** Viton® Seals and Nitrile O-Rings
- Temperature Range:** -40°F to +120°F (-40°C to +49°C) Continuous Service
- Weight:** 3.3 lbs.
- Certification and Listing:**
  - UL 2586 Listed Nozzle
  - CARB EVR Certified

### EVR Balance G2 Nozzles

Description	Part Number	List Price
ENVIRO-LOC™ EVR Balance G2 Nozzles (new)	VST-EVR-NB(cc)-2	\$1,085.46
ENVIRO-LOC™ EVR Balance G2 Nozzles (rebuilt)	VST-EVR-NB(cc)R-2	\$1,085.46

### EVR Balance Nozzle Core Policy

Description	Part Number	Core Value (net)
ENVIRO-LOC™ EVR Balance Nozzles (core)	VST-VR-NBC	Contact VST Distributor for Details

cc = Color Code for nozzle scuffguard  
 Color Code Key: Black = BK, Green = GN, Red = RD

## EVR Hanging Hardware Replacement Parts and Testing Tools

### EVR Hanging Hardware Replacement Parts and Tools

#### EVR Balance G2 Nozzle Replacement Parts

Description	Part Number	List Price
Front End Kit - Pre-Assembled (includes VCK & NSA)	VST-FEK-300	\$377.56
Vapor Collection Kit - (boot assembly ONLY)	VST-VCK-300	\$215.76
Nozzle Spout Assembly - (spout assembly ONLY)	VST-NSA-300	\$225.30
Upper Band Clamp - (G2 ONLY)	VST-UBC-300	\$14.00
EVR Balance Nozzle Scuff Guard	VST-SGNB-cc	\$48.56

#### EVR Balance Nozzle Testing Tools

Description	Part Number	List Price
Nozzle Spout Test Plug	VST-STP-100	\$102.70
Nozzle Test Surrogate Spout	VST-TSS-100	\$513.64
Nozzle Spout Test Adapter	VST-STA-100	\$1,027.30
Nozzle Spout Test Adapter Sponge Seals (5 Sponge Seals)	VST-TAS-100	\$102.70
Nozzle Spout Nut Ratchet Head	VST-SRT-200	\$616.34
Nozzle Torque Tool	VST-NTT-100	\$256.86
Nozzle Band Clamp Pincers	VST-BPT-100	\$513.64

Contact VST for Pricing and Availability of Unlisted Parts  
 Factory Assembled

# ENVIRO-LOC™ EVR Balance Safety Breakaways

Field Reattachable



**Thread:** 1-7/8" x 12 UN 2B (female thread)

**Seals:** High quality Viton® seals

**Body:** Machined aluminum

**Certification and Listing:**

- UL 567 Listed Breakaways
- CARB EVR Certified

EVR Balance Safety Breakaways		
Description	Part Number	List Price
Reattachable Safety Breakaway	VSTA-EVR-SBKA	\$308.96
EVR Balance Safety Breakaway Factory Service		
Description	Service Number	List Price
Factory Repair Service for VSTA-EVR-SBKA	SERV-SBKA	\$203.52
EVR Balance Safety Breakaway Core Policy		
Description	Part Number	Core Value (net)
EVR Safety Breakaway (core)	Requires Both Halves	Contact VST Distributor for Details
EVR Balance Reattachable Safety Breakaway Replacement Parts		
Description	Part Number	List Price
Reattachable Breakaway Repair Kit (5 sets)	VST-BRK-100	\$170.70
Replacement Grease Packets (20 sets of P/N 2544-001)	VST-GRE-100	\$170.70
Safety Breakaway Scuff Guards (5 sets)	VST-BBSG-100	\$134.94
EVR Reattachable Safety Breakaway Repair Tool		
Description	Part Number	List Price
Breakaway Assembly Tool for EVR Balance Breakaway	VST-BAT-100	\$512.06
Assembly Tool Plates for EVR Balance Breakaway Tool	VST-ATP-100	\$311.50

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled





 Listed and CARB EVR Certified



## ENVIRO-LOC™ 3/4" Vapor Assist Low Perm Hoses

**Inner Vapor Hose:** Nylon

**Outer Hose:**

- High grade Nitrile Tube
- Two Textile Braids with Dual Helix Wire
- Chlorinated Polyethylene (CPE)

**Couplings:** Various end styles

**Temperature Range:** -40°F to +120° (-40°C to +49°C) Continuous Service

**Certification and Listing:**

- UL 330 Listed Hose Assemblies
- CARB EVR Certified

EV Series Curb Hoses			EV Series Curb Hoses	
1-1/4" – 18 Straight Thread / 2 Swivels (Healy-Style)			M-34 Thread / 2 Swivels	
Length	Part Number	List Price	Part Number	List Price
8"	V34EV-008-HSHS	\$171.62	V34EV-008-VSVS	\$171.62
12"	V34EV-012-HSHS	\$171.62	V34EV-012-VSVS	\$171.62
4.0'	V34EV-048-HSHS	\$290.44	V34EV-048-VSVS	\$290.44
4.5'	V34EV-054-HSHS	\$367.98	V34EV-054-VSVS	\$331.18
5.0'	V34EV-060-HSHS	\$386.12	V34EV-060-VSVS	\$347.54
5.5'	V34EV-066-HSHS	\$404.32	V34EV-066-VSVS	\$363.84
6.0'	V34EV-072-HSHS	\$422.44	V34EV-072-VSVS	\$380.20
6.5'	V34EV-078-HSHS	\$440.62	V34EV-078-VSVS	\$396.52
7.0'	V34EV-084-HSHS	\$458.72	V34EV-084-VSVS	\$412.90
7.5'	V34EV-090-HSHS	\$476.90	V34EV-090-VSVS	\$429.20
8.0'	V34EV-096-HSHS	\$495.06	V34EV-096-VSVS	\$445.56
8.5'	V34EV-102-HSHS	\$513.18	V34EV-102-VSVS	\$461.88
9.0'	V34EV-108-HSHS	\$531.34	V34EV-108-VSVS	\$478.22
9.5'	V34EV-114-HSHS	\$549.54	V34EV-114-VSVS	\$494.52
10.0'	V34EV-120-HSHS	\$567.66	V34EV-120-VSVS	\$510.92
10.5'	V34EV-126-HSHS	\$585.82	V34EV-126-VSVS	\$527.22
11.0'	V34EV-132-HSHS	\$603.98	V34EV-132-VSVS	\$543.58
11.5'	V34EV-138-HSHS	\$622.12	V34EV-138-VSVS	\$559.86
12.0'	V34EV-144-HSHS	\$640.26	V34EV-144-VSVS	\$576.20
12.5'	V34EV-150-HSHS	\$658.42	V34EV-150-VSVS	\$592.56
13.0'	V34EV-156-HSHS	\$676.54	V34EV-156-VSVS	\$608.92
14.0'	V34EV-168-HSHS	\$712.86	V34EV-168-VSVS	\$641.56

### Coupling Nomenclature Key

End Style	Description
VS	M-34 (Swivel)
HS	Healy-Style 1-1/4" - 18 Straight Thread (Swivel)
BR	Balance 1-7/8" - 12 UN Thread (Rigid)

### Packaging:

Whip Hoses Bulk Pack in Master Carton  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled

## ENVIRO-LOC™ 3/4" Vapor Assist Low Perm Hoses

 Listed and CARB EVR Certified

EV Series Curb Hoses		
1-7/8" – 12 UN Thread to 1-1/4" – 18 Thread / 1 Balance Rigid & 1 Healy-Style Swivel		
Length	Part Number	List Price
10"	V34EV-010-BRHS	\$244.22
12"	V34EV-012-BRHS	\$244.22
4.0'	V34EV-048-BRHS	\$346.52
4.5'	V34EV-054-BRHS	\$363.60
5.0'	V34EV-060-BRHS	\$416.76
5.5'	V34EV-066-BRHS	\$435.02
6.0'	V34EV-072-BRHS	\$456.96
6.5'	V34EV-078-BRHS	\$466.90
7.0'	V34EV-084-BRHS	\$477.04
7.5'	V34EV-090-BRHS	\$501.26
8.0'	V34EV-096-BRHS	\$526.62
8.5'	V34EV-102-BRHS	\$555.52
9.0'	V34EV-108-BRHS	\$574.94

EV Series Curb Hoses		
1-1/4" – 18 Straight Thread (Healy-Style) to M34 Thread		
Length	Part Number	List Price
8"	V34EV-008-HSVS	\$171.62
12"	V34EV-012-HSVS	\$171.62
4.0'	V34EV-048-HSVS	\$290.44

**Inner Vapor Hose:** Nylon

**Outer Hose:**

- High grade Nitrile Tube
- Two Textile Braids with Dual Helix Wire
- Chlorinated Polyethylene (CPE)

**Couplings:** Various end styles

**Temperature Range:** -40°F to +120° (-40°C to +49°C)

Continuous Service

**Certification and Listing:**

- UL 330 Listed Hose Assemblies
- CARB EVR Certified



Whip Hose Coupling Options

## EVR Vapor Assist Safety Breakaways

Field Reattachable



**Thread:** 1-1/4" x 18 Straight Thread (Healy) or M34 Thread options

**Seals:** High quality Viton® and Nitrile O-Rings

**Body:** Machined aluminum

**Certification and Listing:**

- UL 567 Listed Breakaways
- CARB EVR Certified

EVR Vapor Assist Safety Breakaways		
Description	Part Number	List Price
EVR Healy-Style Field Reattachable Safety Breakaway	VST-HEVR-SBK	\$311.86
EVR M34 Field Reattachable Safety Breakaway	VST-ISVR-SBK	\$311.86
EVR Healy-Style Vapor Assist Breakaway Repair Tool		
Description	Part Number	List Price
Breakaway Assembly Tool for EVR Assist Breakaway	VST-BAT-200	\$512.06
Assembly Tool Plates for EVR Assist Breakaway Tool*	VST-ATP-200	\$311.50

\* These plates may be used on a VST-BAT-100 Balance Breakaway Repair Tool

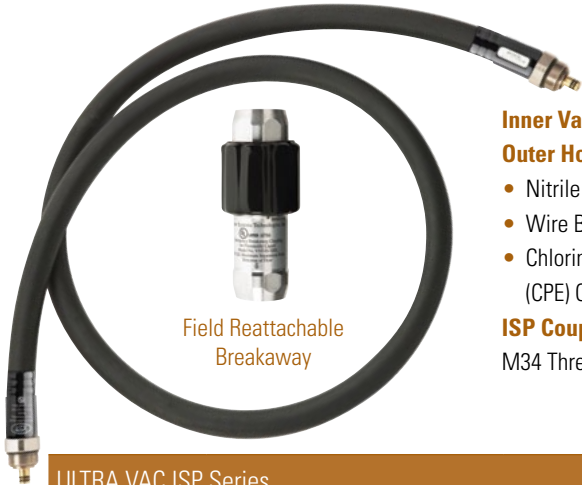
### Packaging:

Whip Hoses Bulk Pack in Master Carton  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled



## Vapor Recovery Assist Hoses and Safety Breakaways



Field Reattachable Breakaway

**Inner Vapor Hose:** Nylon

**Outer Hose:**

- Nitrile Tube
- Wire Braid
- Chlorinated Polyethylene (CPE) Cover, Nominal OD 1.22"

**ISP Couplings:**

M34 Thread, Swivel (Lip Seal)

**Healy Couplings:**

1-1/4" – 18 / Straight Thread, Swivel (Lip Seal)

**Temperature Range:**

-40°F to +120° (-40°C to +49°C) Continuous Service

**Certification and Listing:**

- UL 330 Listed Hose Assemblies
- CARB Certified (Pre-EVR)

**Safety Breakaway Threads:**

- IS Thread: M34

**Seals:** High quality FKM and Nitrile O-rings

**Body:** Machined aluminum

**Certification and Listing:**

- UL 567 Listed Breakaway
- CARB Certified

ULTRA VAC ISP Series			GG Series	
M-34 Thread / 2 Swivel Ends			1-1/4" – 18 Straight Thread / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price
8"	VST-ISP-008-SS	\$174.78	VST-H-008-GG	\$191.08
12"	VST-ISP-012-SS	\$174.78	VST-H-012-GG	\$191.08
4.0'	VST-ISP-048-SS	\$274.60	VST-H-048-GG	\$294.04
4.5'	VST-ISP-054-SS	\$284.60	VST-H-054-GG	\$308.70
5.0'	VST-ISP-060-SS	\$294.62	VST-H-060-GG	\$323.34
5.5'	VST-ISP-066-SS	\$304.64	VST-H-066-GG	\$338.12
6.0'	VST-ISP-072-SS	\$314.54	VST-H-072-GG	\$352.86
6.5'	VST-ISP-078-SS	\$324.54	VST-H-078-GG	\$367.44
7.0'	VST-ISP-084-SS	\$334.54	VST-H-084-GG	\$382.18
7.5'	VST-ISP-090-SS	\$344.52	VST-H-090-GG	\$396.94
8.0'	VST-ISP-096-SS	\$354.54	VST-H-096-GG	\$411.64
8.5'	VST-ISP-102-SS	\$364.50	VST-H-102-GG	\$426.32
9.0'	VST-ISP-108-SS	\$374.44	VST-H-108-GG	\$440.92
9.5'	VST-ISP-114-SS	\$384.50	VST-H-114-GG	\$455.76
10.0'	VST-ISP-120-SS	\$394.52	VST-H-120-GG	\$470.38
10.5'	VST-ISP-126-SS	\$404.48	VST-H-126-GG	\$485.08
11.0'	VST-ISP-132-SS	\$414.42	VST-H-132-GG	\$499.78
11.5'	VST-ISP-138-SS	\$424.44	VST-H-138-GG	\$514.50
12.0'	VST-ISP-144-SS	\$434.40	VST-H-144-GG	\$529.18
12.5'	VST-ISP-150-SS	\$444.38	VST-H-150-GG	\$543.94
13.0'	VST-ISP-156-SS	\$454.40		
14.0'	VST-ISP-168-SS	\$474.38		

### EVR Vapor Assist Safety Breakaways

Description	Part Number	List Price
EVR Healy-Style Field Reattachable Safety Breakaway	VST-HEVR-SBK	\$311.86
EVR M34 Field Reattachable Safety Breakaway	VST-ISVR-SBK	\$311.86

### EVR Healy-Style Vapor Assist Breakaway Repair Tool

Description	Part Number	List Price
Breakaway Assembly Tool for EVR Assist Breakaway	VST-BAT-200	\$512.06
Assembly Tool Plates for EVR Assist Breakaway Tool*	VST-ATP-200	\$311.50

\* These plates may be used on a VST-BAT-100 Balance Breakaway Repair Tool

### Packaging:

Whip Hoses Bulk Pack in Master Carton  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled

# Conventional Fueling Products



## VSTaflex™ Whip Hose

- VSTaflex™ Hose Assemblies  
5/8", 3/4" and 1" Hose ID
- Male Rigid and Male Swivel Couplings
- Multiple Lengths
- UL 330 Listed Hose Assemblies

## SENTRY Safety Breakaway

- Field Reattachable
- UL 567 Listed Breakaway

## ENVIRO-LOC™ ECO Nozzle

- Dripless/Spitless\*
- Unique Interlock Design  
for Safety\*
- UL 2586 Listed Nozzle
- California Air Resource Board  
(CARB Certified)

## VSTaflex™ Primary Hose Assemblies

- VSTaflex™ Hose Assemblies  
5/8", 3/4" and 1" Hose ID
- Male Rigid and Male Swivel Couplings
- Unique "Lip Seal" Hose Swivel\*
- Multiple Lengths
- UL 330 Listed Hose Assemblies

\* Designates unique feature or technology which can be found in the VST Technical Section



## VSTaflex™ 5/8" Primary and Whip Hoses



- Tube:** High grade Nitrile
- Reinforcement:** One wire braid, 150 PSI working pressure
- Cover:** CPE (Chlorinated Polyethylene)
- Temperature Range:** -40°F to +120°F (-40°C to +49°C) Continuous Service
- Couplings:** 3/4" NPT Male Rigid and Male Swivel
- Certification and Listing:** UL 330 Listed Hose Assemblies

VSTaflex™ Series Curb Pump Assemblies						
5/8" Hose – Wirebraid 3/4" NPT Coupling / 2 Rigid Ends			5/8" Hose – Wirebraid 3/4" NPT Coupling / 1 Rigid & 1 Swivel End		5/8" Hose – Wirebraid 3/4" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V58CP-008-MRMR	\$31.04	V58CP-008-MRMS	\$48.98	V58CP-008-MSMS	\$68.16
9"	V58CP-009-MRMR	\$31.38	V58CP-009-MRMS	\$49.32	V58CP-009-MSMS	\$68.98
10"	V58CP-010-MRMR	\$31.68	V58CP-010-MRMS	\$49.62	V58CP-010-MSMS	\$69.82
12"	V58CP-012-MRMR	\$33.16	V58CP-012-MRMS	\$50.34	V58CP-012-MSMS	\$71.48
2.0'	V58CP-024-MRMR	\$47.42	V58CP-024-MRMS	\$65.68	V58CP-024-MSMS	\$80.62
4.0'	V58CP-048-MRMR	\$61.62	V58CP-048-MRMS	\$80.92	V58CP-048-MSMS	\$94.14
6.0'	V58CP-072-MRMR	\$72.88	V58CP-072-MRMS	\$92.26	V58CP-072-MSMS	\$106.80
8.0'	V58CP-096-MRMR	\$75.62	V58CP-096-MRMS	\$99.52	V58CP-096-MSMS	\$116.56
8.5'	V58CP-102-MRMR	\$79.06	V58CP-102-MRMS	\$103.44	V58CP-102-MSMS	\$120.62
9.0'	V58CP-108-MRMR	\$82.58	V58CP-108-MRMS	\$107.32	V58CP-108-MSMS	\$124.44
9.5'	V58CP-114-MRMR	\$86.12	V58CP-114-MRMS	\$109.12	V58CP-114-MSMS	\$128.46
10.0'	V58CP-120-MRMR	\$89.62	V58CP-120-MRMS	\$110.78	V58CP-120-MSMS	\$132.46
10.5'	V58CP-126-MRMR	\$93.08	V58CP-126-MRMS	\$114.00	V58CP-126-MSMS	\$140.40
11.0'	V58CP-132-MRMR	\$96.78	V58CP-132-MRMS	\$116.96	V58CP-132-MSMS	\$148.36
12.0'	V58CP-144-MRMR	\$103.30	V58CP-144-MRMS	\$123.98	V58CP-144-MSMS	\$156.32
13.0'	V58CP-156-MRMR	\$109.82	V58CP-156-MRMS	\$130.96	V58CP-156-MSMS	\$164.28
14.0'	V58CP-168-MRMR	\$116.40	V58CP-168-MRMS	\$137.96	V58CP-168-MSMS	\$172.26
15.0'	V58CP-180-MRMR	\$122.88	V58CP-180-MRMS	\$144.96	V58CP-180-MSMS	\$180.22
16.0'	V58CP-192-MRMR	\$129.38	V58CP-192-MRMS	\$151.92	V58CP-192-MSMS	\$188.18
17.0'	V58CP-204-MRMR	\$135.92	V58CP-204-MRMS	\$158.92	V58CP-204-MSMS	\$196.18
18.0'	V58CP-216-MRMR	\$142.42	V58CP-216-MRMS	\$165.90	V58CP-216-MSMS	\$204.10
19.0'	V58CP-228-MRMR	\$149.00	V58CP-228-MRMS	\$172.86	V58CP-228-MSMS	\$212.08
20.0'	V58CP-240-MRMR	\$155.50	V58CP-240-MRMS	\$179.86	V58CP-240-MSMS	\$220.04

Conventional Fueling Products

VSTaflex™ Series Curb Pump Add-On Options	
5/8" Hose – Wirebraid Per foot Add-On	
Description	List Price
5/8" Hose - per foot add-on	\$8.04

Coupling Nomenclature Key	
End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel

**Packaging:**

Whip Hoses Bulk Pack in Master Carton  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled

## VSTaflex™ 3/4" Primary and Whip Hoses

**Tube:** High grade Nitrile

**Reinforcement:** One wire braid, 150 PSI working pressure

**Cover:** CPE (Chlorinated Polyethylene)

**Temperature Range:** -40°F to +120°F (-40°C to +49°C) Continuous Service

**Couplings:** 3/4" NPT Male Rigid and Male Swivel

**Certification and Listing:** UL 330 Listed Hose Assemblies

VSTaflex™ Series Curb Pump Assemblies						
3/4" Hose – Wirebraid 3/4" NPT Coupling / 2 Rigid Ends			3/4" Hose – Wirebraid 3/4" NPT Coupling / 1 Rigid & 1 Swivel End		3/4" Hose – Wirebraid 3/4" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V34CP-008-MRMR	\$35.96	V34CP-008-MRMS	\$53.96	V34CP-008-MSMS	\$85.84
9"	V34CP-009-MRMR	\$36.26	V34CP-009-MRMS	\$54.24	V34CP-009-MSMS	\$86.92
10"	V34CP-010-MRMR	\$36.56	V34CP-010-MRMS	\$54.50	V34CP-010-MSMS	\$87.92
12"	V34CP-012-MRMR	\$37.74	V34CP-012-MRMS	\$55.04	V34CP-012-MSMS	\$90.14
2.0'	V34CP-024-MRMR	\$63.94	V34CP-024-MRMS	\$80.92	V34CP-024-MSMS	\$101.84
4.0'	V34CP-048-MRMR	\$76.12	V34CP-048-MRMS	\$93.10	V34CP-048-MSMS	\$111.82
6.0'	V34CP-072-MRMR	\$87.42	V34CP-072-MRMS	\$105.24	V34CP-072-MSMS	\$122.22
8.0'	V34CP-096-MRMR	\$92.86	V34CP-096-MRMS	\$111.08	V34CP-096-MSMS	\$130.24
8.5'	V34CP-102-MRMR	\$95.60	V34CP-102-MRMS	\$114.94	V34CP-102-MSMS	\$134.78
9.0'	V34CP-108-MRMR	\$99.82	V34CP-108-MRMS	\$118.72	V34CP-108-MSMS	\$139.32
9.5'	V34CP-114-MRMR	\$104.08	V34CP-114-MRMS	\$122.58	V34CP-114-MSMS	\$143.88
10.0'	V34CP-120-MRMR	\$108.34	V34CP-120-MRMS	\$126.40	V34CP-120-MSMS	\$148.44
10.5'	V34CP-126-MRMR	\$112.52	V34CP-126-MRMS	\$130.18	V34CP-126-MSMS	\$152.96
11.0'	V34CP-132-MRMR	\$116.82	V34CP-132-MRMS	\$133.94	V34CP-132-MSMS	\$157.52
12.0'	V34CP-144-MRMR	\$123.28	V34CP-144-MRMS	\$141.58	V34CP-144-MSMS	\$166.64
13.0'	V34CP-156-MRMR	\$131.66	V34CP-156-MRMS	\$149.18	V34CP-156-MSMS	\$175.70
14.0'	V34CP-168-MRMR	\$139.98	V34CP-168-MRMS	\$156.80	V34CP-168-MSMS	\$184.80
15.0'	V34CP-180-MRMR	\$146.02	V34CP-180-MRMS	\$164.34	V34CP-180-MSMS	\$193.88
16.0'	V34CP-192-MRMR	\$151.82	V34CP-192-MRMS	\$171.92	V34CP-192-MSMS	\$202.98
17.0'	V34CP-204-MRMR	\$159.92	V34CP-204-MRMS	\$179.52	V34CP-204-MSMS	\$212.06
18.0'	V34CP-216-MRMR	\$168.00	V34CP-216-MRMS	\$187.14	V34CP-216-MSMS	\$221.16
19.0'	V34CP-228-MRMR	\$176.10	V34CP-228-MRMS	\$194.74	V34CP-228-MSMS	\$230.22
20.0'	V34CP-240-MRMR	\$184.20	V34CP-240-MRMS	\$202.30	V34CP-240-MSMS	\$239.32

VSTaflex™ Series Curb Pump Add-On Options	
3/4" Hose – Wirebraid Per foot Add-On	
Description	List Price
3/4" Hose - per foot add-on	\$10.88

Coupling Nomenclature Key	
End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel

**Packaging:**

Whip Hoses Bulk Pack in Master Carton  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled



## VSTaflex™ 1" Primary and Whip Hoses

**Tube:** High grade Nitrile

**Reinforcement:** One wire braid, 150 PSI working pressure

**Cover:** CPE (Chlorinated Polyethylene)

**Temperature Range:** -40°F to +120°F (-40°C to +49°C) Continuous Service

**Couplings:** 1" NPT Male Rigid and Male Swivel

**Certification and Listing:** UL 330 Listed Hose Assemblies

VSTaflex™ Series Curb Pump Assemblies						
1" Hose – Wirebraid 1" NPT Coupling / 2 Rigid Ends			1" Hose – Wirebraid 1" NPT Coupling / 1 Rigid & 1 Swivel End		1" Hose – Wirebraid 1" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V10CP-008-MRMR	\$51.42	V10CP-008-MRMS	\$79.76	V10CP-008-MSMS	\$106.94
9"	V10CP-009-MRMR	\$52.34	V10CP-009-MRMS	\$80.66	V10CP-009-MSMS	\$108.46
10"	V10CP-010-MRMR	\$53.26	V10CP-010-MRMS	\$81.58	V10CP-010-MSMS	\$110.00
12"	V10CP-012-MRMR	\$55.86	V10CP-012-MRMS	\$84.96	V10CP-012-MSMS	\$113.12
2.0'	V10CP-024-MRMR	\$89.84	V10CP-024-MRMS	\$106.68	V10CP-024-MSMS	\$132.58
4.0'	V10CP-048-MRMR	\$101.16	V10CP-048-MRMS	\$116.98	V10CP-048-MSMS	\$143.58
6.0'	V10CP-072-MRMR	\$111.82	V10CP-072-MRMS	\$124.82	V10CP-072-MSMS	\$153.30
8.0'	V10CP-096-MRMR	\$119.64	V10CP-096-MRMS	\$145.98	V10CP-096-MSMS	\$174.28
8.5'	V10CP-102-MRMR	\$125.42	V10CP-102-MRMS	\$151.24	V10CP-102-MSMS	\$179.58
9.0'	V10CP-108-MRMR	\$131.08	V10CP-108-MRMS	\$156.48	V10CP-108-MSMS	\$184.82
9.5'	V10CP-114-MRMR	\$136.76	V10CP-114-MRMS	\$161.78	V10CP-114-MSMS	\$190.10
10.0'	V10CP-120-MRMR	\$139.42	V10CP-120-MRMS	\$167.02	V10CP-120-MSMS	\$195.38
10.5'	V10CP-126-MRMR	\$146.70	V10CP-126-MRMS	\$174.00	V10CP-126-MSMS	\$202.32
11.0'	V10CP-132-MRMR	\$151.76	V10CP-132-MRMS	\$177.20	V10CP-132-MSMS	\$205.54
12.0'	V10CP-144-MRMR	\$159.16	V10CP-144-MRMS	\$187.14	V10CP-144-MSMS	\$215.44
13.0'	V10CP-156-MRMR	\$169.48	V10CP-156-MRMS	\$197.02	V10CP-156-MSMS	\$225.32
14.0'	V10CP-168-MRMR	\$179.76	V10CP-168-MRMS	\$206.90	V10CP-168-MSMS	\$235.24
15.0'	V10CP-180-MRMR	\$190.08	V10CP-180-MRMS	\$216.84	V10CP-180-MSMS	\$245.14
16.0'	V10CP-192-MRMR	\$200.36	V10CP-192-MRMS	\$226.74	V10CP-192-MSMS	\$255.02
17.0'	V10CP-204-MRMR	\$210.68	V10CP-204-MRMS	\$236.64	V10CP-204-MSMS	\$264.92
18.0'	V10CP-216-MRMR	\$220.96	V10CP-216-MRMS	\$246.54	V10CP-216-MSMS	\$274.86
19.0'	V10CP-228-MRMR	\$231.24	V10CP-228-MRMS	\$256.40	V10CP-228-MSMS	\$284.74
20.0'	V10CP-240-MRMR	\$241.52	V10CP-240-MRMS	\$266.32	V10CP-240-MSMS	\$294.64

VSTaflex™ Series Curb Pump Add-On Options	
1" Hose – Wirebraid	
Per foot Add-On	
Description	List Price
1" Hose - per foot add-on	\$12.78

Coupling Nomenclature Key	
End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel

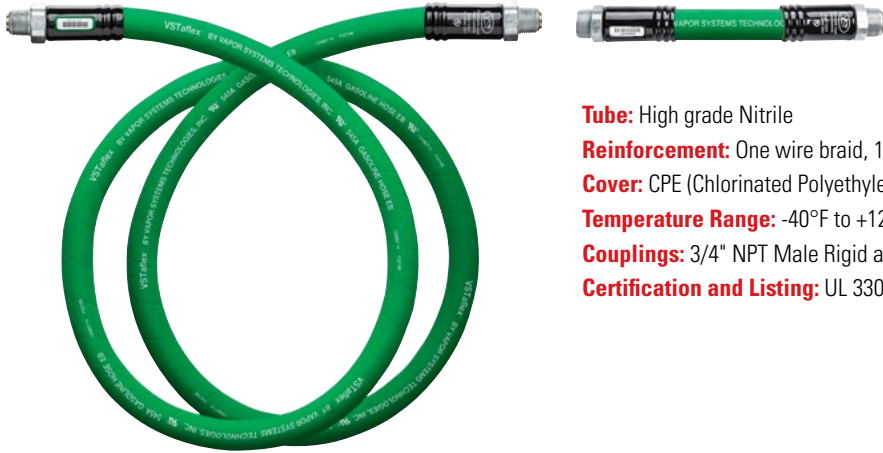
**Packaging:**

Whip Hoses Bulk Pack in Master Carton  
 Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
 Factory Assembled

Conventional Fueling Products

## VSTaflex™ Green 3/4" Primary and Whip Hoses



**Tube:** High grade Nitrile

**Reinforcement:** One wire braid, 150 PSI working pressure

**Cover:** CPE (Chlorinated Polyethylene)

**Temperature Range:** -40°F to +120°F (-40°C to +49°C) Continuous Service

**Couplings:** 3/4" NPT Male Rigid and Male Swivel

**Certification and Listing:** UL 330 Listed Hose Assemblies

### VSTaflex™ Series Green Curb Pump Assemblies

3/4" Hose – Wirebraid 3/4" NPT Coupling / 2 Rigid Ends			3/4" Hose – Wirebraid 3/4" NPT Coupling / 1 Rigid & 1 Swivel End		3/4" Hose – Wirebraid 3/4" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V34CPG-008-MRMR	\$43.18	V34CPG-008-MRMS	\$65.32	V34CPG-008-MSMS	\$102.24
9"	V34CPG-009-MRMR	\$43.84	V34CPG-009-MRMS	\$66.04	V34CPG-009-MSMS	\$103.46
10"	V34CPG-010-MRMR	\$44.54	V34CPG-010-MRMS	\$66.64	V34CPG-010-MSMS	\$104.40
12"	V34CPG-012-MRMR	\$45.58	V34CPG-012-MRMS	\$68.44	V34CPG-012-MSMS	\$108.06
4.0'	V34CPG-048-MRMR	\$81.44	V34CPG-048-MRMS	\$98.44	V34CPG-048-MSMS	\$118.78
8.0'	V34CPG-096-MRMR	\$107.28	V34CPG-096-MRMS	\$123.56	V34CPG-096-MSMS	\$139.84
8.5'	V34CPG-102-MRMR	\$112.50	V34CPG-102-MRMS	\$128.78	V34CPG-102-MSMS	\$145.04
9.0'	V34CPG-108-MRMR	\$117.68	V34CPG-108-MRMS	\$133.92	V34CPG-108-MSMS	\$150.22
9.5'	V34CPG-114-MRMR	\$122.86	V34CPG-114-MRMS	\$139.16	V34CPG-114-MSMS	\$155.42
10.0'	V34CPG-120-MRMR	\$128.04	V34CPG-120-MRMS	\$144.34	V34CPG-120-MSMS	\$160.60
10.5'	V34CPG-126-MRMR	\$133.24	V34CPG-126-MRMS	\$149.50	V34CPG-126-MSMS	\$165.78
11.0'	V34CPG-132-MRMR	\$138.48	V34CPG-132-MRMS	\$154.72	V34CPG-132-MSMS	\$171.00
12.0'	V34CPG-144-MRMR	\$148.80	V34CPG-144-MRMS	\$165.10	V34CPG-144-MSMS	\$181.34
13.0'	V34CPG-156-MRMR	\$159.24	V34CPG-156-MRMS	\$175.48	V34CPG-156-MSMS	\$191.78
14.0'	V34CPG-168-MRMR	\$169.62	V34CPG-168-MRMS	\$185.88	V34CPG-168-MSMS	\$202.14
15.0'	V34CPG-180-MRMR	\$180.02	V34CPG-180-MRMS	\$196.28	V34CPG-180-MSMS	\$212.56
16.0'	V34CPG-192-MRMR	\$190.36	V34CPG-192-MRMS	\$206.66	V34CPG-192-MSMS	\$222.92
17.0'	V34CPG-204-MRMR	\$200.74	V34CPG-204-MRMS	\$217.04	V34CPG-204-MSMS	\$233.32
18.0'	V34CPG-216-MRMR	\$211.16	V34CPG-216-MRMS	\$227.42	V34CPG-216-MSMS	\$243.70
19.0'	V34CPG-228-MRMR	\$221.52	V34CPG-228-MRMS	\$237.78	V34CPG-228-MSMS	\$254.04
20.0'	V34CPG-240-MRMR	\$231.94	V34CPG-240-MRMS	\$248.18	V34CPG-240-MSMS	\$264.46

### VSTaflex™ Series Green Curb Pump Add-On Options

3/4" Hose – Wirebraid Per foot Add-On	
Description	List Price
3/4" Hose – per foot add-on	\$13.06

### Coupling Nomenclature Key

End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel

### Packaging:

Whip Hoses Bulk Pack in Master Carton  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled





## VSTaflex™ Green 1" Primary and Whip Hoses

**Tube:** High grade Nitrile

**Reinforcement:** One wire braid, 150 PSI working pressure

**Cover:** CPE (Chlorinated Polyethylene)

**Temperature Range:** -40°F to +120°F (-40°C to +49°C) Continuous Service

**Couplings:** 1" NPT Male Rigid and Male Swivel

**Certification and Listing:** UL 330 Listed Hose Assemblies

VSTaflex™ Series Green Curb Pump Assemblies						
1" Hose – Wirebraid 1" NPT Coupling / 2 Rigid Ends			1" Hose – Wirebraid 1" NPT Coupling / 1 Rigid & 1 Swivel End		1" Hose – Wirebraid 1" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V10CPG-008-MRMR	\$53.54	V10CPG-008-MRMS	\$84.40	V10CPG-008-MSMS	\$115.20
9"	V10CPG-009-MRMR	\$55.68	V10CPG-009-MRMS	\$86.54	V10CPG-009-MSMS	\$117.32
10"	V10CPG-010-MRMR	\$57.78	V10CPG-010-MRMS	\$88.68	V10CPG-010-MSMS	\$119.44
12"	V10CPG-012-MRMR	\$62.06	V10CPG-012-MRMS	\$92.96	V10CPG-012-MSMS	\$123.74
4.0'	V10CPG-048-MRMR	\$96.56	V10CPG-048-MRMS	\$120.22	V10CPG-048-MSMS	\$158.26
8.0'	V10CPG-096-MRMR	\$132.82	V10CPG-096-MRMS	\$151.94	V10CPG-096-MSMS	\$184.08
8.5'	V10CPG-102-MRMR	\$139.66	V10CPG-102-MRMS	\$156.24	V10CPG-102-MSMS	\$190.28
9.0'	V10CPG-108-MRMR	\$146.56	V10CPG-108-MRMS	\$163.10	V10CPG-108-MSMS	\$197.92
9.5'	V10CPG-114-MRMR	\$153.44	V10CPG-114-MRMS	\$169.98	V10CPG-114-MSMS	\$204.08
10.0'	V10CPG-120-MRMR	\$160.30	V10CPG-120-MRMS	\$176.84	V10CPG-120-MSMS	\$206.94
10.5'	V10CPG-126-MRMR	\$167.16	V10CPG-126-MRMS	\$183.74	V10CPG-126-MSMS	\$214.14
11.0'	V10CPG-132-MRMR	\$174.02	V10CPG-132-MRMS	\$190.60	V10CPG-132-MSMS	\$220.56
12.0'	V10CPG-144-MRMR	\$187.78	V10CPG-144-MRMS	\$204.32	V10CPG-144-MSMS	\$226.74
13.0'	V10CPG-156-MRMR	\$201.52	V10CPG-156-MRMS	\$218.08	V10CPG-156-MSMS	\$234.60
14.0'	V10CPG-168-MRMR	\$215.28	V10CPG-168-MRMS	\$231.82	V10CPG-168-MSMS	\$248.36
15.0'	V10CPG-180-MRMR	\$229.04	V10CPG-180-MRMS	\$245.56	V10CPG-180-MSMS	\$262.12
16.0'	V10CPG-192-MRMR	\$242.72	V10CPG-192-MRMS	\$259.34	V10CPG-192-MSMS	\$275.82
17.0'	V10CPG-204-MRMR	\$256.52	V10CPG-204-MRMS	\$273.06	V10CPG-204-MSMS	\$289.58
18.0'	V10CPG-216-MRMR	\$270.26	V10CPG-216-MRMS	\$286.82	V10CPG-216-MSMS	\$303.32
19.0'	V10CPG-228-MRMR	\$284.02	V10CPG-228-MRMS	\$300.56	V10CPG-228-MSMS	\$317.10
20.0'	V10CPG-240-MRMR	\$297.76	V10CPG-240-MRMS	\$314.28	V10CPG-240-MSMS	\$330.86

Conventional Fueling Products

VSTaflex™ Series Green Curb Pump Add-On Options	
1" Hose – Wirebraid Per foot Add-On	
Description	List Price
1" Hose – per foot add-on	\$16.02

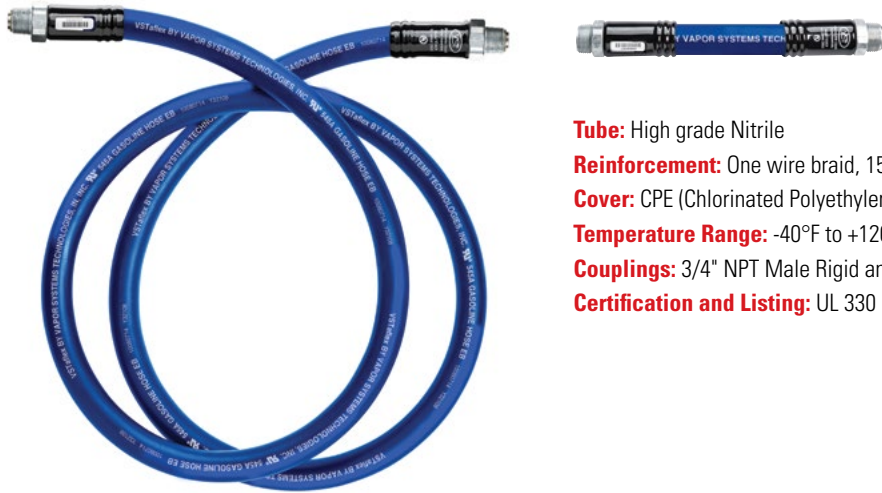
Coupling Nomenclature Key	
End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel

**Packaging:**

Whip Hoses Bulk Pack in Master Carton  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled

## VSTaflex™ Blue 3/4" Primary and Whip Hoses



**Tube:** High grade Nitrile

**Reinforcement:** One wire braid, 150 PSI working pressure

**Cover:** CPE (Chlorinated Polyethylene)

**Temperature Range:** -40°F to +120°F (-40°C to +49°C) Continuous Service

**Couplings:** 3/4" NPT Male Rigid and Male Swivel

**Certification and Listing:** UL 330 Listed Hose Assemblies

### VSTaflex™ Series Blue Curb Pump Assemblies

3/4" Hose – Wirebraid 3/4" NPT Coupling / 2 Rigid Ends			3/4" Hose – Wirebraid 3/4" NPT Coupling / 1 Rigid & 1 Swivel End		3/4" Hose – Wirebraid 3/4" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V34CPB-008-MRMR	\$43.18	V34CPB-008-MRMS	\$65.32	V34CPB-008-MSMS	\$102.24
9"	V34CPB-009-MRMR	\$43.84	V34CPB-009-MRMS	\$66.04	V34CPB-009-MSMS	\$103.46
10"	V34CPB-010-MRMR	\$44.54	V34CPB-010-MRMS	\$66.64	V34CPB-010-MSMS	\$104.40
12"	V34CPB-012-MRMR	\$45.58	V34CPB-012-MRMS	\$68.44	V34CPB-012-MSMS	\$108.06
4.0'	V34CPB-048-MRMR	\$81.44	V34CPB-048-MRMS	\$98.44	V34CPB-048-MSMS	\$118.78
8.0'	V34CPB-096-MRMR	\$107.28	V34CPB-096-MRMS	\$123.56	V34CPB-096-MSMS	\$139.84
8.5'	V34CPB-102-MRMR	\$112.50	V34CPB-102-MRMS	\$128.78	V34CPB-102-MSMS	\$145.04
9.0'	V34CPB-108-MRMR	\$117.68	V34CPB-108-MRMS	\$133.92	V34CPB-108-MSMS	\$150.22
9.5'	V34CPB-114-MRMR	\$122.86	V34CPB-114-MRMS	\$139.16	V34CPB-114-MSMS	\$155.42
10.0'	V34CPB-120-MRMR	\$128.04	V34CPB-120-MRMS	\$144.34	V34CPB-120-MSMS	\$160.60
10.5'	V34CPB-126-MRMR	\$133.24	V34CPB-126-MRMS	\$149.50	V34CPB-126-MSMS	\$165.78
11.0'	V34CPB-132-MRMR	\$138.48	V34CPB-132-MRMS	\$154.72	V34CPB-132-MSMS	\$171.00
12.0'	V34CPB-144-MRMR	\$148.80	V34CPB-144-MRMS	\$165.10	V34CPB-144-MSMS	\$181.34
13.0'	V34CPB-156-MRMR	\$159.24	V34CPB-156-MRMS	\$175.48	V34CPB-156-MSMS	\$191.78
14.0'	V34CPB-168-MRMR	\$169.62	V34CPB-168-MRMS	\$185.88	V34CPB-168-MSMS	\$202.14
15.0'	V34CPB-180-MRMR	\$180.02	V34CPB-180-MRMS	\$196.28	V34CPB-180-MSMS	\$212.56
16.0'	V34CPB-192-MRMR	\$190.36	V34CPB-192-MRMS	\$206.66	V34CPB-192-MSMS	\$222.92
17.0'	V34CPB-204-MRMR	\$200.74	V34CPB-204-MRMS	\$217.04	V34CPB-204-MSMS	\$233.32
18.0'	V34CPB-216-MRMR	\$211.16	V34CPB-216-MRMS	\$227.42	V34CPB-216-MSMS	\$243.70
19.0'	V34CPB-228-MRMR	\$221.52	V34CPB-228-MRMS	\$237.78	V34CPB-228-MSMS	\$254.04
20.0'	V34CPB-240-MRMR	\$231.94	V34CPB-240-MRMS	\$248.18	V34CPB-240-MSMS	\$264.46

### VSTaflex™ Series Blue Curb Pump Add-On Options

3/4" Hose – Wirebraid Per foot Add-On	
Description	List Price
3/4" Hose – per foot add-on	\$13.06

### Coupling Nomenclature Key

End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel

### Packaging:

Whip Hoses Bulk Pack in Master Carton  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled



# ENVIRO-LOC™ Flex Fuel Conventional Primary and Whip Hoses



- Tube:** High grade Nitrile
- Reinforcement:** One wire braid, 150 PSI working pressure
- Cover:** CPE (Chlorinated Polyethylene)
- Temperature Range:** -40°F to +120°F (-40°C to +49°C) Continuous Service
- Couplings:** 3/4" NPT Male Rigid
- Certification and Listing:** UL 330A Listed Hose Assemblies
- Compatibility:** E0 to E85 ethanol fuels

### ENVIRO-LOC™ Flex Fuel Series Curb Pump Assemblies

3/4" Hose – Hardwall: Wirebraid  
3/4" NPT Couplings / 2 Rigid Ends

Length	Part Number	List Price
8"	V34FF-008-MRMR	\$134.36
9"	V34FF-009-MRMR	\$136.50
10"	V34FF-010-MRMR	\$138.66
12"	V34FF-012-MRMR	\$143.00
4.0'	V34FF-048-MRMR	\$221.38
5.0'	V34FF-060-MRMR	\$247.50
6.0'	V34FF-072-MRMR	\$273.62
8.0'	V34FF-096-MRMR	\$325.88
8.5'	V34FF-102-MRMR	\$338.96
9.0'	V34FF-108-MRMR	\$352.00
9.5'	V34FF-114-MRMR	\$365.08
10.0'	V34FF-120-MRMR	\$378.12
10.5'	V34FF-126-MRMR	\$391.20
11.0'	V34FF-132-MRMR	\$404.26
12.0'	V34FF-144-MRMR	\$430.38
13.0'	V34FF-156-MRMR	\$456.50
14.0'	V34FF-168-MRMR	\$482.62
15.0'	V34FF-180-MRMR	\$580.76
16.0'	V34FF-192-MRMR	\$534.88
17.0'	V34FF-204-MRMR	\$561.00
18.0'	V34FF-216-MRMR	\$587.12
19.0'	V34FF-228-MRMR	\$613.26
20.0'	V34FF-240-MRMR	\$639.38

### ENVIRO-LOC™ Flex Fuel Series Add-On Options

3/4" Hose – Hardwall: Wirebraid  
Per foot Add-On

Description	List Price
3/4" Hose – per foot add-on	\$21.00

### Coupling Nomenclature Key

End Style	Description
MR	NPT Male Rigid

**Packaging:**  
Whip Hoses Bulk Pack in Master Carton  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled

Conventional Fueling Products

# ENVIRO-LOC™ Low Permeation Conventional Primary and Whip Hoses

 Listed and CARB Certified



**Tube:** High grade Nitrile

**Reinforcement:** Two textile braids with dual helix wire

**Cover:** Chlorinated polyethylene (CPE)

**Temperature Range:** -40°F to +120°F (-40°C to +49°C) Continuous Service

**Couplings:** 3/4" NPT Male Swivel

**Certification and Listing:**

- UL 330 Listed Hose Assemblies
- CARB Certified

## ENVIRO-LOC™ Low Permeation Series Curb Pump Assemblies

3/4" Hose – Hardwall: Textile Braids with Helix Wire

3/4" NPT Couplings / 2 Swivel Ends

Length	Part Number	List Price
8"	V34EC-008-MSMS	\$90.56
9"	V34EC-009-MSMS	\$90.56
10"	V34EC-010-MSMS	\$90.56
12"	V34EC-012-MSMS	\$90.56
4.0'	V34EC-048-MSMS	\$136.40
5.0'	V34EC-060-MSMS	\$152.94
6.0'	V34EC-072-MSMS	\$169.50
8.0'	V34EC-096-MSMS	\$212.66
8.5'	V34EC-102-MSMS	\$227.34
9.0'	V34EC-108-MSMS	\$242.12
9.5'	V34EC-114-MSMS	\$256.88
10.0'	V34EC-120-MSMS	\$271.64
10.5'	V34EC-126-MSMS	\$286.36
11.0'	V34EC-132-MSMS	\$301.16
12.0'	V34EC-144-MSMS	\$330.60
13.0'	V34EC-156-MSMS	\$361.34
14.0'	V34EC-168-MSMS	\$392.10
15.0'	V34EC-180-MSMS	\$422.82
16.0'	V34EC-192-MSMS	\$453.56
17.0'	V34EC-204-MSMS	\$484.28
18.0'	V34EC-216-MSMS	\$515.02
19.0'	V34EC-228-MSMS	\$545.80
20.0'	V34EC-240-MSMS	\$576.50

## ENVIRO-LOC™ Low Permeation Series Add-On Options

3/4" Hose – Hardwall: Textile Braids with Helix Wire

Per foot Add-On

Description	List Price
3/4" Hose – per foot add-on	\$20.50

## Coupling Nomenclature Key

End Style	Description
MS	NPT Male Swivel

### Packaging:

Whip Hoses Bulk Pack in Master Carton  
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts  
Factory Assembled



## VSTaflex™ 3/4" and 1" Farm Pump Hose Non-UL Listed



- Tube:** Black Nitrile
- Reinforcement:** Multiple textile plies with static wire
- Cover:** Black Chloroprene
- Temperature Range:** -40°F to 120°F (-40°C to 49°C) Continuous Service
- Couplings:** 3/4" and 1" NPT Male Rigid (Respective to Hose ID)

VSTaflex™ Series Farm Pump Hose		
3/4" Hose – Textile Fabric Plies with Static Wire		
3/4" NPT Coupling / 2 Rigid Ends		
Length	Part Number	List Price
8.0'	V34FH-096-MRMR	\$39.16
10.0'	V34FH-120-MRMR	\$47.16
12.0'	V34FH-144-MRMR	\$54.38
14.0'	V34FH-168-MRMR	\$61.32
15.0'	V34FH-180-MRMR	\$65.08
18.0'	V34FH-216-MRMR	\$75.44
20.0'	V34FH-240-MRMR	\$83.32
25.0'	V34FH-300-MRMR	\$100.70
50.0'	V34FH-600-MRMR	\$196.16

VSTaflex™ Series Farm Pump Hose		
1" Hose – Textile Fabric Plies with Static Wire		
1" NPT Coupling / 2 Rigid Ends		
Length	Part Number	List Price
8.0'	V10FH-096-MRMR	\$66.66
10.0'	V10FH-120-MRMR	\$79.86
12.0'	V10FH-144-MRMR	\$85.66
14.0'	V10FH-168-MRMR	\$99.64
15.0'	V10FH-180-MRMR	\$105.42
18.0'	V10FH-216-MRMR	\$131.56
20.0'	V10FH-240-MRMR	\$137.24
25.0'	V10FH-300-MRMR	\$177.30
50.0'	V10FH-600-MRMR	\$325.34

NOTE: Not for use in service station, aircraft refueling, or applications requiring UL Listed.

Coupling Nomenclature Key	
End Style	Description
MR	NPT Male Rigid

**Packaging:**  
Packaged per order in master cartons

Factory Assembled  
Non-UL Listed

Conventional Fueling Products

## ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzles



- Casting:** Aluminum
- Spout:** Aluminum 13/16" OD
- Thread:** 3/4" NPT (Female)
- Seals/O-Rings:** FKM Seals and Nitrile O-Rings
- Temperature Range:** -40°F to +120°F (-40°C to +49°C) continuous service
- Weight:** 3 lbs.
- Certification and Listing:**
  - UL 2586 Listed Nozzle
  - CARB Certified

### ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzles

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle (new)	VST-NV-ND(cc)	\$411.62
ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle (rebuilt)	VST-NV-ND(cc)R	\$411.62

### ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle Core Policy

Description	Part Number	Core Value (net)
ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle (core)	VST-NV-NDC	Contact VST Distributor for Details

### ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle Replacement Parts

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle Front End Kit	VST-FEK-400	\$156.26
ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle Scuff Guard	VST-SGND-cc	\$31.44

cc = Color Code for nozzle scuffguard    Color Code Key: Black = BK, Green = GN



## ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzles

- Casting:** Aluminum
- Spout:** Aluminum 15/16" OD
- Thread:** 3/4" NPT (Female)
- Seals/O-Rings:** FKM Seals and Nitrile O-Rings
- Temperature Range:** -40°F to +120°F (-40°C to +49°C) continuous service
- Weight:** 3 lbs.
- Certification and Listing:** UL 2586 Listed Nozzle

### ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzles

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle (new)	VST-DS-ND(cc)	\$453.44
ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle (rebuilt)	VST-DS-ND(cc)R	\$453.44

### ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle Core Policy

Description	Part Number	Core Value (net)
ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzles (core)	VST-DS-NDC	Contact VST Distributor for Details

### ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle Replacement Parts

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle Front End Kit	VST-FEK-500	\$167.96
ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle Scuff Guard	VST-SGND-cc	\$31.44

cc = Color Code for nozzle scuffguard    Color Code Key: Green = GN, Black = BK    Contact VST for Pricing and Availability of Unlisted Parts



UL Listed



### ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzles (NPNF = No Pressure No Flow)

**Casting:** Aluminum  
**Spout:** Aluminum 13/16" OD  
**Thread:** 3/4" NPT (Female)  
**Seals/O-Rings:** FKM Seals and Nitrile O-Rings  
**Temperature Range:** -40°F to +120°F (-40°C to +49°C) continuous service  
**Weight:** 3 lbs.  
**Certification and Listing:** UL 2586 Listed Nozzle

#### ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzles

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle (new)	VST-NV-NP(cc)	\$325.00
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle (rebuilt)	VST-NV-NP(cc)R	\$325.00

#### ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle Core Policy

Description	Part Number	Core Value (net)
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle (core)	VST-NV-NPC	Contact VST Distributor for Details

#### ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle Replacement Parts

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle Spout Assembly - (ONLY)	VST-NSA-600	\$130.66
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle Splash Guard - (ONLY)	VST-SPG-cc	\$10.12
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle Scuff Guard	VST-SGNP-cc	\$31.44

cc = Color Code for nozzle scuffguard Color Code Key: Black = BK, Green = GN



UL Listed



### ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzles (NPNF = No Pressure No Flow)

**Casting:** Aluminum  
**Spout:** Aluminum 15/16" OD  
**Thread:** 3/4" NPT (Female)  
**Seals/O-Rings:** FKM Seals and Nitrile O-Rings  
**Temperature Range:** -40°F to +120°F (-40°C to +49°C) continuous service  
**Weight:** 3 lbs.  
**Certification and Listing:** UL 2586 Listed Nozzle

#### ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzles

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle (new)	VST-DS-NP(cc)	\$337.50
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle (rebuilt)	VST-DS-NP(cc)R	\$337.50

#### ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle Core Policy

Description	Part Number	Core Value (net)
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle (core)	VST-DS-NPC	Contact VST Distributor for Details

#### ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle Replacement Parts

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle Spout Assembly - (ONLY)	VST-NSA-700	\$137.92
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle Splash Guard - (ONLY)	VST-SPG-cc	\$10.12
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle Scuff Guard	VST-SGNP-cc	\$31.44

cc = Color Code for nozzle scuffguard Color Code Key: Green = GN, Black = BK Contact VST for Pricing and Availability of Unlisted Parts

Conventional Fueling Products

## SENTRY Reattachable Safety Breakaway



Field Reattachable



**Application:** Gasoline and Diesel Fuels

**Thread:** 3/4" and 1" NPT inlet threads

**Seals:** High quality Viton® and Nitrile O-Rings

**Body:** Machined aluminum

**Length:** 6"

**Weight:** 1.1lbs

**Certification and Listing:** UL 567 Listed Breakaway

### SENTRY Reattachable Safety Breakaways

Description	Part Number	List Price
3/4" NPT Field Reattachable Safety Breakaway	VST-CP-SBK	\$143.44
1" NPT Field Reattachable Safety Breakaway	VST-DS-SBK	\$198.36

## Dispenser Adapters For Converting Phase II to Conventional



Balance



M34

### Dispenser Outlet Conversion Adapters

Description	Part Number	List Price
Balance to 3/4" NPT	VST-BAL-34NPT	\$44.48
M34 Vac Assist to 3/4" NPT	VST-M34-34NPT	\$44.48

**Packaging:**

Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts



# Tank Pressure Management



**Models:** Two versions

- **USA** GREEN MACHINE™ (CS2)
- **CA** (California) GREEN MACHINE™

**Flexible Mounting Options:**

- Ground
- Canopy
- Roof
- Vent Stack

**Certifications and Approvals:**

CARB for CA version, ETL Listed, TÜV Certified



GREEN MACHINE™  
Control Panel

## USA GREEN MACHINE™

### USA CS2 GREEN MACHINE™ – UST Tank Pressure Management System

Description	Part Number	Manufacturer	List Price
USA CS2 GREEN MACHINE™ TPM System (Inclusive of Control Panel)	VST-GM-CS2-101-2	VST	\$58,179.30

### USA CS2 GREEN MACHINE™ Replacement Parts

Description	Part Number	Manufacturer	List Price
Aluminum Cover	GM-040	VST	\$2,107.06
Rubber Flange Sleeve	GM-004	VST	\$108.30
UL Control Valves – Core Rebuild Kit	GM-006	VST	\$580.00
UL Control Valve	GM-062	VST	\$611.70
Pressure Sensor	GM-043	VST	\$2,945.42
Replacement Vacuum Pump (only)	GM-042	VST	\$5,117.04
Vacuum Pump Motor (only), 120VAC, Single-Phase	GM-027	VST	\$4,100.92
Vapor Filtration Cartridge Assembly #1	GM-035	VST	\$2,418.32
Vapor Filtration Cartridge Assembly #2	GM-046	VST	\$2,418.32

### USA CS2 GREEN MACHINE™ Control Panel Replacement Parts

Description	Part Number	Manufacturer	List Price
USA CS2 GREEN MACHINE™ Control Panel (Complete)	GM-030	VST	\$9,849.44

### USA CS2 GREEN MACHINE™ Control Panel (Sub-Component) Replacement Parts

Description	Part Number	Manufacturer	List Price
USA CS2 GREEN MACHINE™ PLC Controller	GM-016	VST	\$3,675.88
8 Pin Base Socket	SR2P-06	R-K ELECTRONICS	\$25.94
24 VDC Power Supply, 5A	GM-059	VST	\$411.08
20A Motor Circuit Controller	KTA7-25S-20A	SPRECHER+SCHUH	\$467.08
Side-Mount AUX Contact 2 N.O.	KT7-PA1-20	SPRECHER+SCHUH	\$92.14
Terminal Relay, 24 AC.DC, SPDT	700-HLT2U24	ALLEN BRADLEY	\$219.54
Door Coupling Handle, RED/YEL	KT7-HTRY	SPRECHER+SCHUH	\$233.38
Terminal Adapter	KT7-25-TE1	SPRECHER+SCHUH	\$52.50
Solid State Relay, 10A, 24VDC Coil	GM-060	VST	\$361.68
Mini Circuit Breaker, 15A, UL489	GM-061	VST	\$119.76
Fuse Holder	V7-H6	SPRECHER+SCHUH	\$112.36
5A Glass Fuse	MDL-5	BUSSMAN	\$61.50
4A Glass Fuse	MDL-4	BUSSMAN	\$61.50
22.5 mm E-STOP Push Button, 40 mm Operator, 1 N.C. Contact	GM-063	VST	\$163.32
Maintenance Switch/Handle Assembly	LE2-12-1751	SPRECHER+SCHUH	\$147.40
Over-Under Voltage Relay	SVM-120A-20	R-K Electronics	\$759.48
Solid State Relay 30A SPST 90-280 VAC Input N.O. 24-280 VAC Load	AD-SSR230-22-ACR	AUTOMATION DIRECT	\$469.92
Analog Current Transducer	H721LC	VERIS INDUSTRIES	\$640.14

### USA CS2 GREEN MACHINE™ Testing Tool

Description	Part Number	Manufacturer	List Price
USA CS2 GREEN MACHINE™ Pressure Leak Test Fixture	VST-PLT-200	VST	\$578.98

Tank Pressure Management

# CA GREEN MACHINE™

## VST CA GREEN MACHINE™ – UST Tank Pressure Management System

Description	Part Number	Manufacturer	List Price
CA GREEN MACHINE™ TPM System (Inclusive of Control Panel)	VST-GM-CS1-100	VST	\$54,049.40

## VST CA GREEN MACHINE™ Replacement Parts

Description	Part Number	Manufacturer	List Price
Aluminum Cover	GM-001	VST	\$2,107.06
1 - 2 Hour Rated Fire-Resistant Enclosure (Optional)	GM-002	VST	\$4,424.72
Rubber Flange Sleeve	GM-004	VST	\$108.30
UL Control Valves – Core Rebuild Kit	GM-006	VST	\$580.00
Replacement Vacuum Pump (only)	GM-042	VST	\$5,117.04
Vacuum Pump Motor (only), 120VAC, Single-Phase	GM-027	VST	\$4,100.92
Vapor Filtration Cartridge Assembly	GM-033	VST	\$3,618.52

## VST CA GREEN MACHINE™ Control Panel Replacement Parts

Description	Part Number	Manufacturer	List Price
CA GREEN MACHINE™ Control Panel (Complete)	GM-029	VST	\$10,131.70

## VST CA GREEN MACHINE™ Control Panel (Sub-Component) Replacement Parts

Description	Part Number	Manufacturer	List Price
CA GREEN MACHINE™ PLC Controller	GM-008	VST	\$3,675.88
TLS Inspector Port Communication Kit (Optional)	GM-032	VST	\$1,085.54
4-AC IN 4-Relay Out 115 VAC Module	EZIO-4ACI4RLO	EZ AUTOMATION	\$526.70
4-Analog IN 4-Analog Out Module	EZIO-4ANI4ANOC	EZ AUTOMATION	\$1,293.48
24 VDC Power Supply, 1.1 A	PS3X-C24AFC	IDEC	\$361.84
Terminal Relay, 24V AC/DC, SPDT	700-HLT2U24	ALLEN BRADLEY	\$219.54
20A Motor Circuit Controller	KTA7-25S-20A	SPRECHER+SCHUH	\$467.08
Side-Mount AUX Contact 2 N.O.	KT7-PA1-20	SPRECHER+SCHUH	\$92.14
Undervoltage Trip Module, 120V, Control	KT7-UA-120V	SPRECHER+SCHUH	\$278.66
Door Coupling Handle, RED/YEL	KT7-HTRY	SPRECHER+SCHUH	\$233.38
Terminal Adapter	KT7-25-TE1	SPRECHER+SCHUH	\$52.50
Solid State Relay, 12A, 24VDC Coil	70S2-04-C-12-S	MAGNECRAFT	\$197.08
Mini Circuit Breaker, 10A, UL489	L9-10/1/D	SPRECHER+SCHUH	\$127.10
Fuse Holder	V7-H6	SPRECHER+SCHUH	\$112.36
5A Glass Fuse	MDL-5	BUSSMAN	\$61.50
4A Glass Fuse	MDL-4	BUSSMAN	\$61.50
Analog Current Transducer	H721LC	VERIS INDUSTRIES	\$640.14
Zener Barrier, 1-CH, 13V @ 10uA	Z715.F	SPRECHER+SCHUH	\$1,625.80
Receptacle 115VAC 3-Prong	7168K1	MCMaster-CARR	\$18.98
Hexin 2108B RS-485/422 to RS232 Converter	2108B	HEXIN	\$237.36
RS485/422 Cable (1-Female Connection) (1-Open End)	AWM 2464 28AWG VW-ISC 80C 300V	AWM	\$534.00

## VST CA GREEN MACHINE™ Testing Tool

Description	Part Number	Manufacturer	List Price
GREEN MACHINE™ Pressure Leak Test Fixture	VST-PLT-200	VST	\$578.98



**ENVIRO-LOC™ ECO Dripless/Spitless Conventional Nozzle**



**ENVIRO-LOC™ BALANCE G2 Nozzle**



VST's patented Dripless and Spitless Safety Interlock Design is used in both the ENVIRO-LOC™ ECO Conventional and the ENVIRO-LOC™ EVR Balance G2 nozzles. This unique design reduces fugitive emission loss while providing additional operator safety during the refueling process.

**Features:**

- Emission reduction
- Fewer fuel spills
- Secondary safety device significantly reduces the probability of errant spills associated with damage to the nozzles caused by customer abuse, drive-off, or end of life

**Benefits:**

- Exceeds CARB standards for drip, spillage, and liquid retention (.003 lbs. per 1,000 gallons)
- Reduces emissions more than 99%
- Reduces forecourt spills and site contamination
- Reduces exposure to fuel vapors
- Satisfied customers
- Rebuild program available with core return, thus protecting your investment

# Hose Technology

## ENVIRO-LOC™ EVR Platinum Balance Hose



This uniquely designed hose uses an Anti-Stretch cable in both the Primary and Whip hoses to reduce recoil during a drive off. The Anti-Stretch cable virtually eliminates the hose stretch putting the end pull directly on the breakaway. This reduces the chance of damage to the site equipment and future ISD alarms, protecting customers on the forecourt, and limiting the chance of meter damage. Ultimate Risk Management tool.

### Benefits:

- Eliminates hose stretch and recoil during a drive-off
- Protects station owners equipment during a drive-off
- Reduces the chance of personal injury of customers standing on the forecourt during a drive-off
- Reduces In-Station Diagnostic (ISD) alarms
- Increases the life of hose that is involved in a drive-off
- Reduces maintenance expense

## EVR Venturi Balance Hose Assembly



The EVR Venturi Balance Hose Assembly demonstrates two main component features:

1. A premium inner hose with a patented Variable Design Venturi (VDV) used to deliver fuel from the dispenser to the vehicle while managing maximum fuel flow demand.

This specially engineered venturi system generates vacuum at both low and high flow rates allowing liquid to evacuate from the outer hose vapor passage while accommodating higher fuel delivery rates.

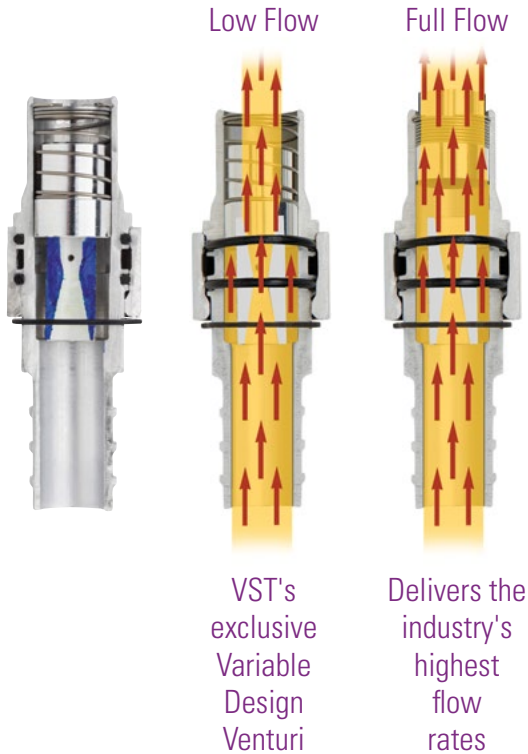
### Benefits:

- **LOW FLOW:** Product flows through a restrictive orifice creating a maximum vacuum to evacuate liquid from the outer hose vapor passage. This feature keeps the vapor passage unobstructed for flow of vapors back to the Underground Storage Tank (UST).
- **INCREASE IN FLOW:** The poppet in the VDV starts to open as the line pressure increases, thus providing additional paths for fuel to flow while extracting liquid from the outer hose vapor space.



# Hose Technology

## Variable Design Venturi (VDV)



- FULL FLOW: Product flows through both the restrictive orifice and the outer flow paths pushing the VDV poppet completely open. This creates maximum vacuum for evacuating liquid from the outer hose vapor passage as it reduces hose pressure drop with a corresponding higher fuel flow rate. The result is reduced fueling time for the customer.
- 2. A durable outer hose that transfers displaced vapors from the vehicle fuel tank during refueling and transports them back through the dispenser to the UST. VST uses high quality Viton® O-ring swivel couplings for easy hose handling and longer service life.

### Benefits:

- VST's larger I.D. vapor passage reduces the chance of liquid blockage in the vapor space and Flow Collect Alarms
- Ease-of-use swivel design reduces hose kinking and increases product life
- Robust construction provides for a wide range of flow demands and is built to withstand service station drive-offs
- Greater customer satisfaction

## ENVIRO-LOC™ EVR Low Perm Vacuum Assist Hose



The VST EVR Vacuum Assist hose design of two textile braids with dual helix wires provides maximum flexibility and ease of use for customers. The Rigid Balance coupling design eliminates the chance of liquid leaking into the vapor path causing vapor pump failures and costly ISD alarms. The VST "Lip Seal" Swivel technology is used on all other hose couplings and provides ease-of-use swivel action.

### Benefits:

- Hose design provides ease of use for customers
- Rigid Balance coupling eliminates liquid entering the vapor path causing vacuum pump motor failures and ISD alarms
- Coupling configuration available with VST "Lip Seal" Technology on all M34 and Healy-style couplings

# Conventional and Vac Assist Hose Technology

## Lip Seal Swivel Coupling



This highly engineered product is designed to connect directly to the nozzle for ease-of-use with minimal swivel resistance. Eliminates the need for 3rd party (non-value) hose swivels and ultimately reduces the cost of ownership with improved customer satisfaction.

### Benefits:

- Better customer experience with ease of nozzle handling and reduced weight
- Eliminates leak points
- Reduces assembly cost
- Customer satisfaction

The Lip Seal Coupling design is available on all Conventional and Vac Assist Hose Assemblies.

## ENVIRO-LOC™ Low Permeation Curb Pump Hose Assemblies



Available in:

- 3/4" Conventional styles
- 3/4" Vac Assist styles

These specially designed assemblies exceed the stringent UL 330 requirement with less than 10 grams/m<sup>2</sup>/day of permeation. The low permeation design reduces exposure of volatile organic compounds (VOC) to customers and the environment while refueling a vehicle. The uniquely designed barrier layer, between the tube and reinforcement, dramatically lowers the permeation rate of VOC which reduces leaching of plasticizers from the rubber cover. In addition, this feature will improve the life of the hose by reducing premature cover cracking. The dual helix wire design gives the hose maximum flexibility and ease of use to customers.

### Benefits:

- Reduces customer exposure to Volatile Organic Compounds (VOC) – gasoline vapors
- Longer product life
- Maximum flexibility and ease of use for customers
- Light weight assembly



## Tank Pressure Management

### VST GREEN MACHINE™



GREEN MACHINE™  
Control Panel



The GREEN MACHINE™ is designed to capture, control, and monitor Underground Storage Tank (UST) fugitive emissions at gasoline dispensing facilities (GDF).

Gasoline in a UST naturally tends to pressurize and results in over-pressurization situations which cause fugitive emissions of Volatile Organic Compounds (VOC) to be released. These fugitive VOC emissions are a main contributor to ground-level ozone (pollution) and ground water contamination.

The GREEN MACHINE™ Controller actively monitors the UST pressure and turns on the GREEN MACHINE™ at .2" of water column (WC). This begins the cycle of processing the excessive fugitive emissions, reducing the UST pressure, and returning saturated VOC vapors to the UST.

The GREEN MACHINE™ is a suitable processing solution for all fueling systems: Stage I only and Stage II Vac Assist or Balance systems.

The light weight design allows for multiple mounting options to reduce installation cost for new and retrofit GDF locations.

VST offers two models the GREEN MACHINE™:

- CA GREEN MACHINE™ certified by CARB for California certified applications
- USA GREEN MACHINE™ for applications outside of California  
Certifications: ETL, CARB, and TUV

#### Benefits:

- Clean air and water
- Reduces harmful VOC emissions
- High processing capacity
- Returns saturated VOC vapors to the UST as saleable product
- Small footprint
- Single vent design
- Simple installation
- Flexible mounting options
  - Ground
  - Vent Riser
  - Roof
  - Canopy

# Terms and Conditions

## Pricing and Terms

Prices and terms are subject to change without notice. Acceptances of all orders are subject to final approval of VST. Contact VST for prices and availability of products not listed. No minimum quantity order required. Orders less than \$750.00 (net) are subject to a \$50.00 handling fee.

## Shipping

FREE FREIGHT (F.O.B. destination) on all orders shipped to VST distribution within the continental U.S. VST selects the freight carrier. If the purchaser selects another carrier than approved by VST or requests expedited delivery, the purchaser is responsible for all freight expenses.

## Warranty

Up to date warranty information for VST products is available at [www.vsthose.com/product-warranty](http://www.vsthose.com/product-warranty).

## Return Policy

VST stocking distributors are allowed one annual stock adjustment with an offsetting order of equal or greater value. A 20% re-stocking fee applies to returned product from an annual adjustment or incorrect ordering by the distributor.

The return policy is as follows:

1. Annual stock adjustments are allowed once per year.
2. Product may not be over 12 months old.
3. Product must be in the original packaging, unopened, and in saleable condition. Product deemed non-saleable by VST will be returned to the distributor.
4. 20% restocking charge applies to the return.
5. All shipping charges are the responsibility of the distributor.

## How To Order

Authorized distribution may place orders:

TOLL FREE: 888-878-4673

PHONE: 937-704-9333

FAX: 937-704-9443

E-MAIL: [customerservice@vsthose.com](mailto:customerservice@vsthose.com)



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