VST's Highly Engineered Conventional ENVIRO-LOC™ ECO Nozzle



VST ENVIRO-LOC™ ECO Nozzles are highly engineered products designed to give customers the best positive experience through ease of use. Utilizing the technology developed for one of the most stringent markets in the world, California, this nozzle design exceeds even those performance standards for drips, spillage and liquid retention. With less than 0.003 lbs of emissions/1,000 gal. dispensed (including post-fueling drips) fuel and maintenance savings add up with VST's ENVIRO-LOC™ ECO Nozzle.

Vapor Systems Technologies, Inc.

VST ENVIRO-LOC™ ECO Nozzle Specifications



VST ENVIRO-LOC™ ECO Nozzle Customer Benefits and Performance Characteristics:

- Light weight
- Easy to handle
- Fewer fuel spills/cleaner forecourt
- Reduces exposure to fuel vapors
- Built-in splash guard
- Superior nozzle performance

Lower cost of ownership:

- Easy front end replacement
- Long service life
- Low maintenance cost
- Rebuild program
- Core return program
- Full factory warranty

Category	Current USA Standards	CARB EVR Requirement	VST EVR Nozzle CARB Test Results
Liquid Retention	No known standard	≤ 100 ml per 1,000 gal dispensed	Zero
Spillage	≤ 0.70 lbs per 1,000 gal dispensed	≤ 0.24 lbs per 1,000 gal dispensed	< 0.003 lbs per 1,000 gal dispensed
Spitting	No known standard	≤ 1.0 ml per refueling	Zero
Drops/ Refueling	No known standard	**≤ 3 drops per refueling	**< 1 drop per refueling
**included in spillage totals			

Gallons/ Month Dispensed	Gallons/Year Saved
200,000	300
500,000	700
1,000,000	1400

Part Numbers: VST-NV-NDBK (new)
VST-NV-NDBKR (rebuilt)

Casting: Aluminum
Spout: Aluminum

Certifications & Listings:

- UL 2586 Listed Nozzle

Seals/O-Rings: Viton Seals and Nitrile O-Rings
Temperature Range: -40°F to +120ºF (-40ºC to +49ºC) continuous service
Weight: 3 lbs

Design Features:

Patented Dripless and Safety Interlock Design Features:

- Exceeds CARB standards for drip, spillage and liquid retention
- Saves the Gasoline Dispensing Facility money
- Fewer fuel spills
- Greater customer satisfaction
- Safer refueling with patented interlock design
- Nozzle is designed to not dispense gasoline if an interlock return spring were to break
- 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.

Product Specification:

These products are not recommended where components are exposed to contact with fuels containing more than 5% methanol, 10% ethanol, 15% MTBE by volume, any exposure to M85/E85, other alcohol rich fuels, or bio-diesel style fuels.

All VST products are covered under the company warranty.
The warranty may be found at www.vsthose.com

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