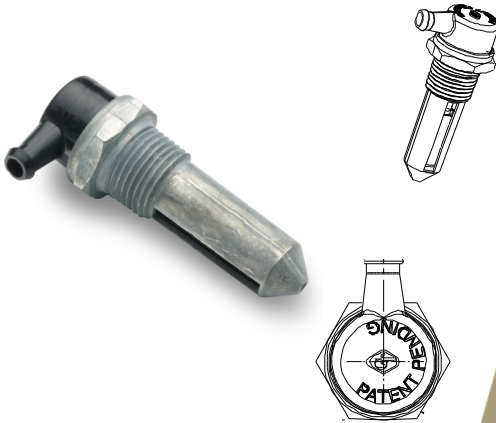


High-Flow Fuel Tank Vent



Fuel tank vents are supplied in 1/4", 1/2" and 1-1/4" NPT configurations, with and without barb fittings, all with patented, anti-spill protection. Specific designs are suitable for high back-flow or low-profile applications; some vents include safety-venting features. Patented.

Performance

Application	The 2989 high-flow vent is intended to provide tank breathing, prevent fuel spillage, relieve excess pressure, and provide thermal venting in vehicle fuel tanks for which this valve is appropriate. It is specifically designed to work with new engines that generate a high volume of vapor returning to the tank, and to maximize the probability that the vent will re-open even after closure by fuel slosh and pressurization by returning vapor.
Limitations	This tank vent valve is designed for use on diesel fuel aluminum tanks up to 200 gallon total capacity and diesel fuel steel tanks up to 132 gallon capacity.
Air Venting	Designed to vent air at 70 SCFH with a tank pressure not more than 18 inches in H ₂ O. Will vent in excess of 100 SCFH air without corking (closing).
Unseating	Once closed and upright, in the absence of fuel, vent will partially unseat (re-open) at a descending pressure at or above 40 inches H ₂ O.
Anti-Spill	Vent will not leak in excess of 0.5 ounces per minute of diesel with the vent in any orientation and diesel applied at any pressure up to 4 PSIG.
Thermal Relief	At 255° F, vent will thermally activate and open a 0.56 Diameter hole to atmosphere when exposed to an enveloping flame in accordance with FHWA Title 49, CFR Part 393 Section 67 (d)(1) that causes a fuel temperature to rise rate of at least 6° F per minute.

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Performance

Pressure Relief	Pressure relief feature will start to flow with diesel applied to between 4 and 8 PSIG, and will flow 1.0 GPM or more of diesel with 10 PSIG.
Barb Alignment	Barb may be aligned after installation by rotating without disturbing thread alignment.
Material	Zamak 3
GTD Part Number	139-x, 150-x, 201-x, 218-x, 262-x, 2113-x, and 2116-x
Weight	64.4 grams (approximate)
Packaging	Bulk

Drawings

