

Vapor Trail Racing LLC

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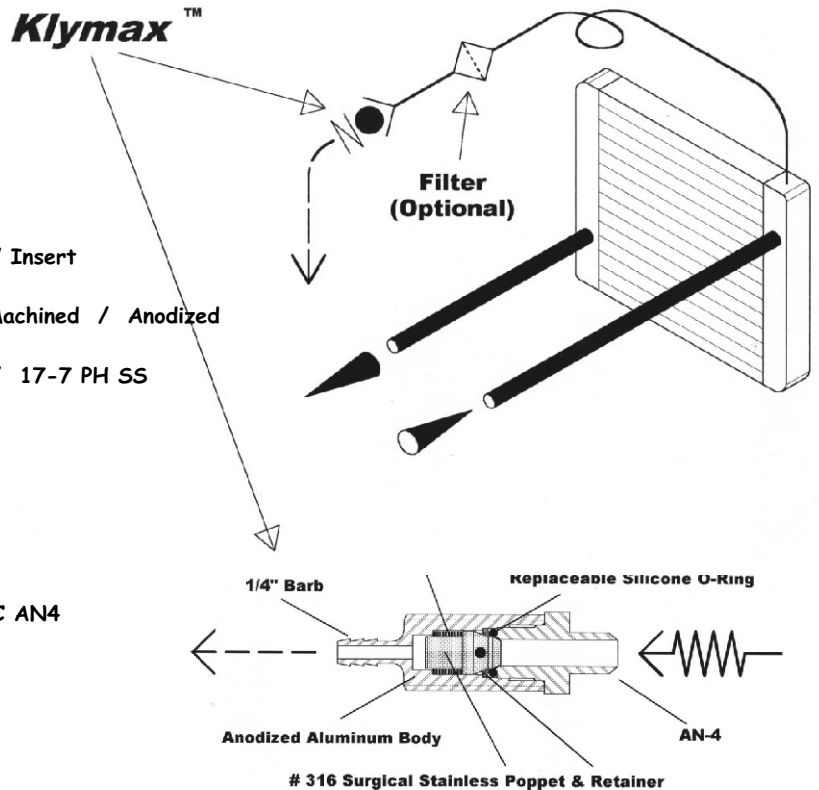


Cooling System PRESSURE Control Valve

The Klymax is an accurate and reliable Pressure Relief Valve designed to provide **COOLING SYSTEM BLOWOFF CONTROL** and take the place of the outdated unpredictable radiator cap. The Klymax Provides predictable pressure relief at **30, 35, and 40 PSI**, depending on the number of shims installed.

Specifications

Body Length: 1.9"
Overall Length: 3.2"
Diameter: .750" Hex
Connections: INFL = JIC AN4 EFFL = 1/4" Insert
Dry Weight: 1.5 oz
Body: 2-Part / T-6061 Alum / Machined / Anodized
Movement: # 316 SS / Machined
Spring: Leaf Kluster / [30] Leaves / 17-7 PH SS
Spring Life: 30,000 50,000 Actuations
O-Ring: Silicone / 7- Durometer
Crack Pres: 30 PSI 2 PSI / [0] Shims
 35 PSI 2 PSI / [1] Shim
 40 PSI 2 PSI / [2] Shims
Close Pres: Crack Pressure 2 PSI
Flow Rate: .68 GPM @ 40 PSI
Line Filter: Serviceable SS 10 Mic / JIC AN4



Installation and Service Notes

Pressure relief line should connect at a **HIGH POINT** in cooling system, preferably **TOP of RADIATOR** so as to **blow off vapor** instead of liquid coolant.

The optional **LINE FILTER** prevents dirt and grit from jamming **VALVE MOVEMENT**, and should be installed between **KLYMAX** and connection to cooling system.

Before each Race, clean **KLYMAX** internal **VALVE MOVEMENT** with a mild solvent, preferably **RUBBING ALCOHOL**. Reassemble valve and **MANUALLY ACTUATE POPPET 20X** with a small phillips screwdriver.

Before each Race, clean **LINE FILTER ELEMENT** in parts cleaner. Carefully blow out with compressed air and reinstall.