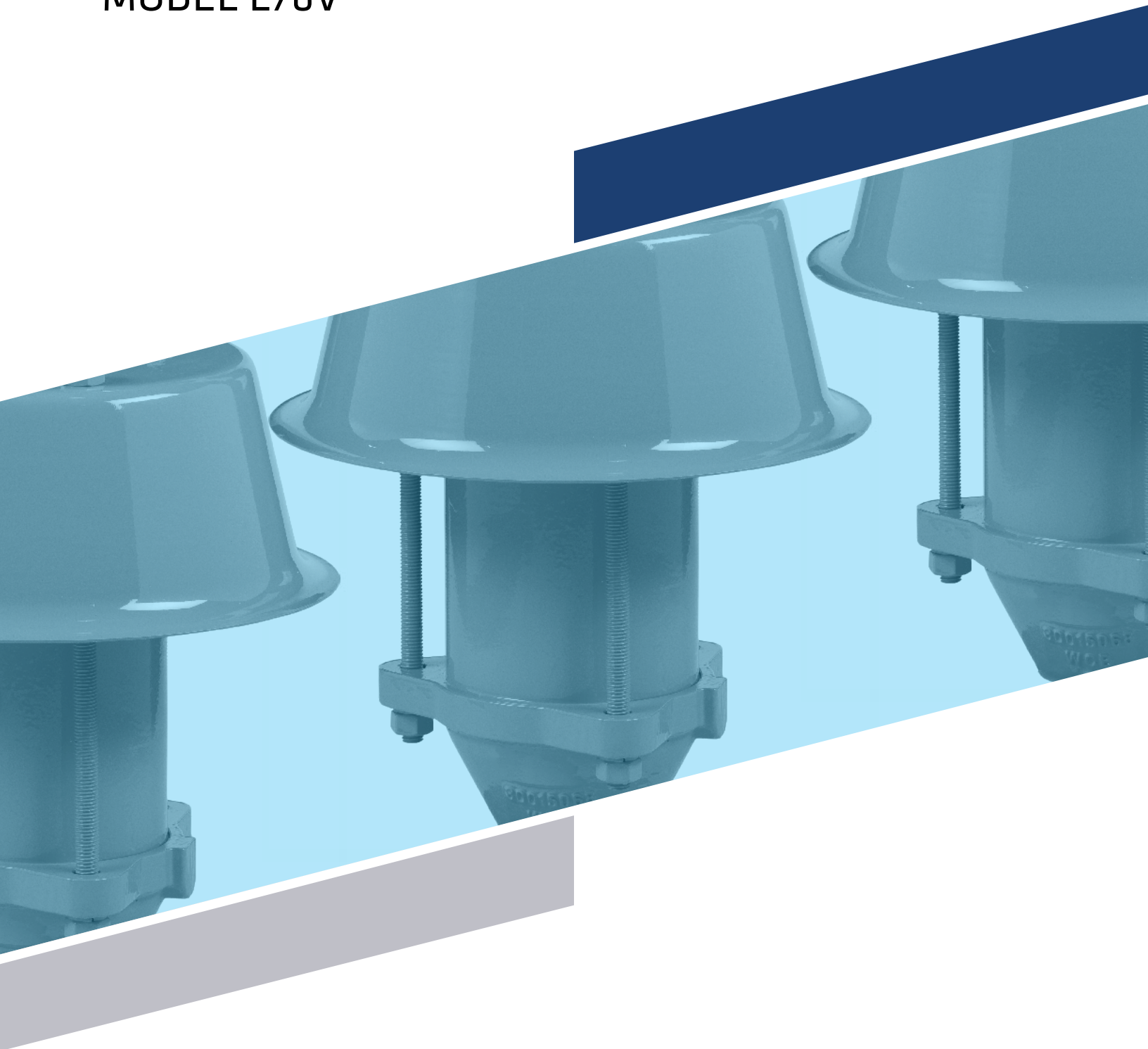


LAMOT[®]

VALVE & ARRESTOR

VENT STACK FLAME ARRESTOR

MODEL L76V



PRODUCT DETAILS

Deflagration Flame Arrestors

The L76V-SF model is an End-Of-Line Vent Stack Deflagration Flame Arrestor designed to inhibit flame propagation in gas piping systems and to protect low pressure tanks containing flammable liquids. Arrestors protect low flash point liquids from external sources of ignition. This provides increased fire protection and safety.

Technical Details

- Connection sizes: 2", 3", 4" & 6" NPT
- Housing standard material: carbon steel, stainless steel, aluminum
- Flame element standard material: 316L stainless steel, aluminum
- Operational Temperature Range -4 to 140 °F (-20 to 60 °C)
- Burn Time t_{BT} 2 minutes for stainless elements*
- NEC gas group D, IEC gas group IIA (MESG \geq 0.90 mm)

Features & Benefits

- Flame arrestor element geometry maximizes flame quenching capability while minimizing pressure drop
- Proven spiral-wound, crimped-ribbon flame element provides reliable flame protection
- Modular design allows easy and cost-effective flame bank maintenance

Options

- Exterior painting or coating available
- Instrument ports available
- Factory installed thermocouples for flame sensing available

*Aluminum element burn time has not yet been rated

Specifications

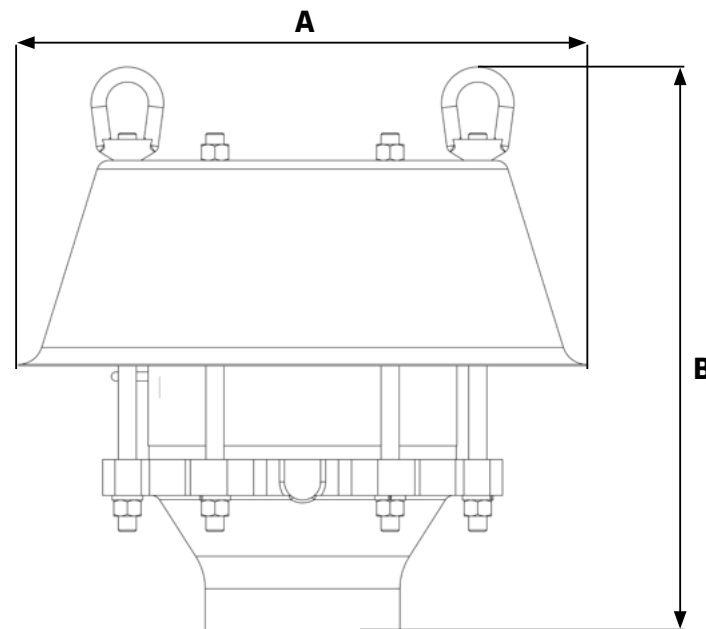
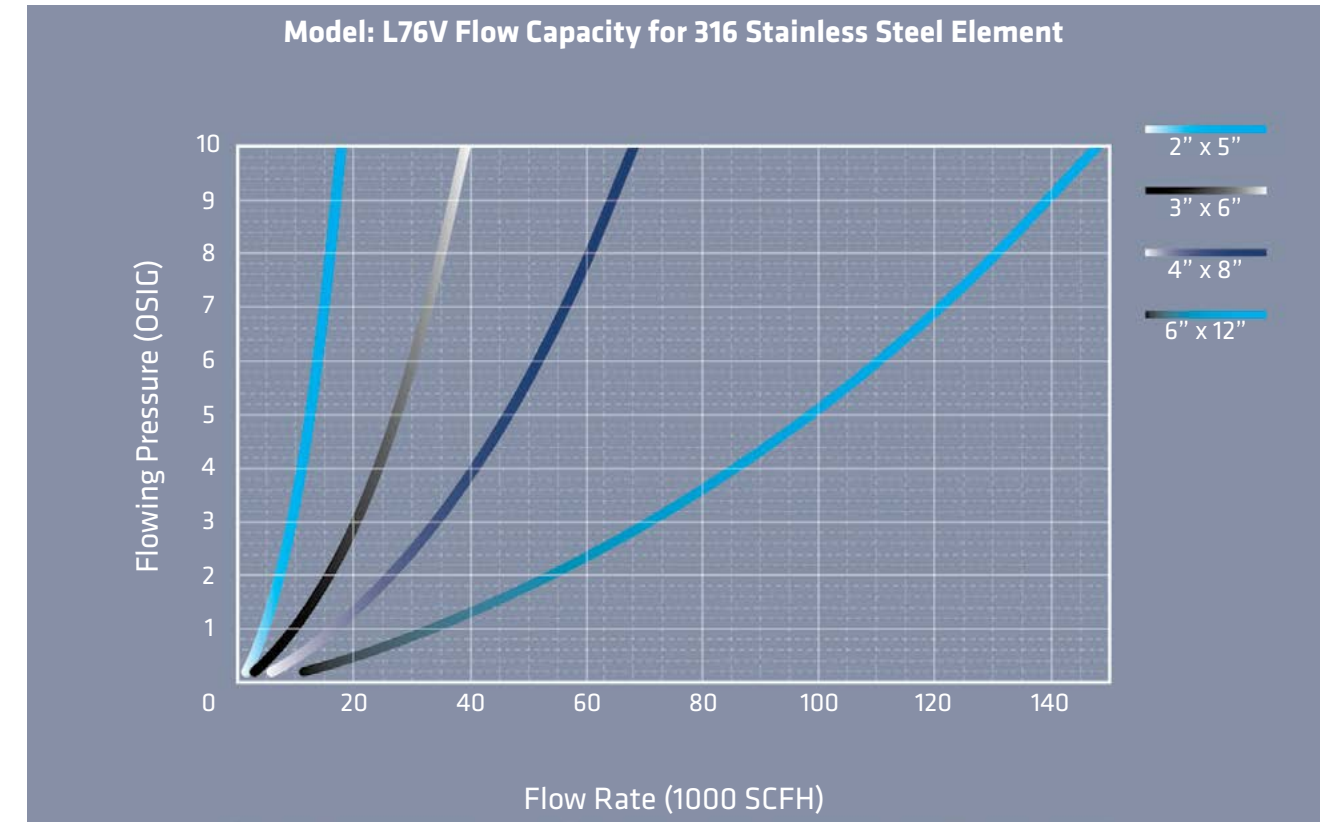
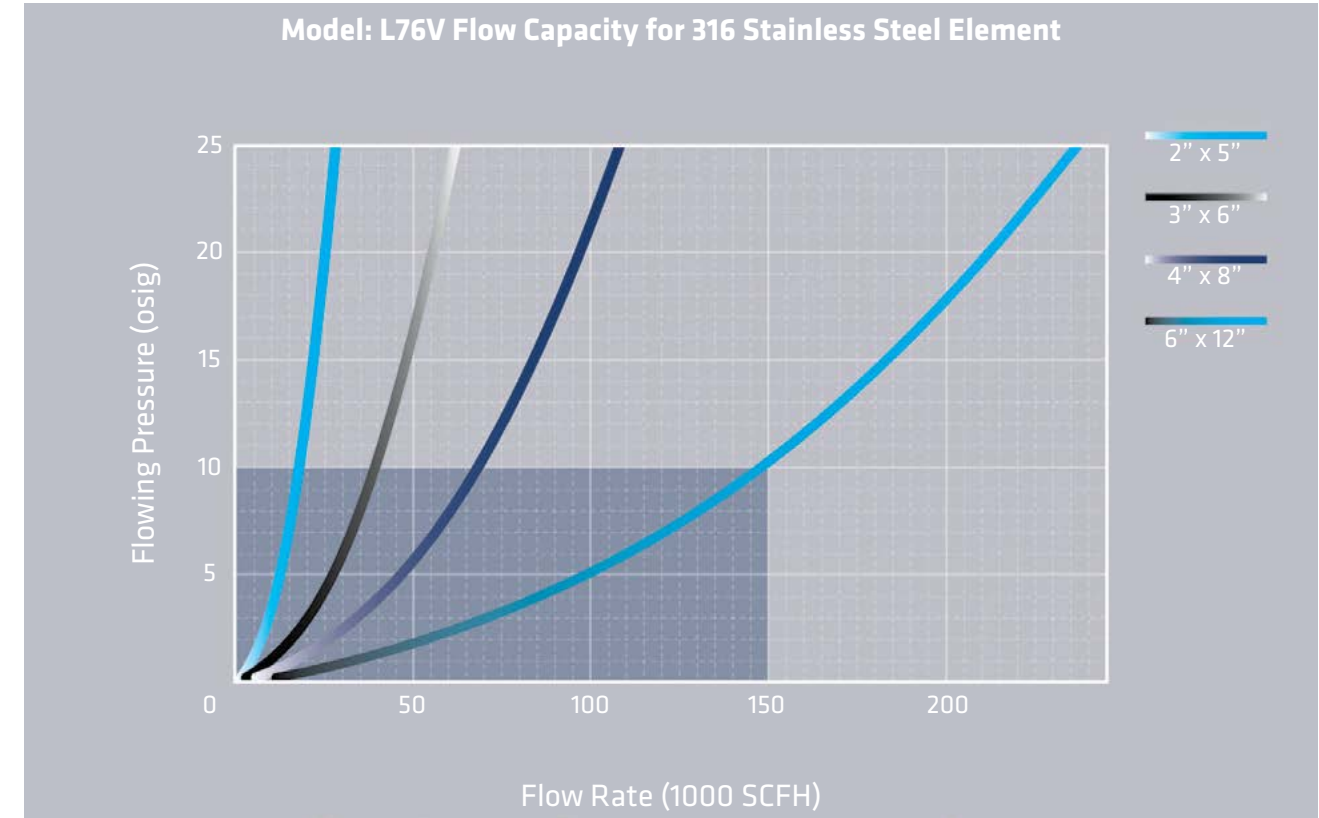


Diagram shown is of 6" x 12" size

Size	A Width	B Height	Approx Ship. Wt. Lbs. (Aluminum)	Approx Ship. Wt. Lbs. (Carbon or SS Body)
2" x 5"	13"	15.3"	21	33
3" x 6"	17"	17"	33	59
4" x 8"	19.5"	20"	46	80
6" x 12"	23.5"	23.4"	103	162

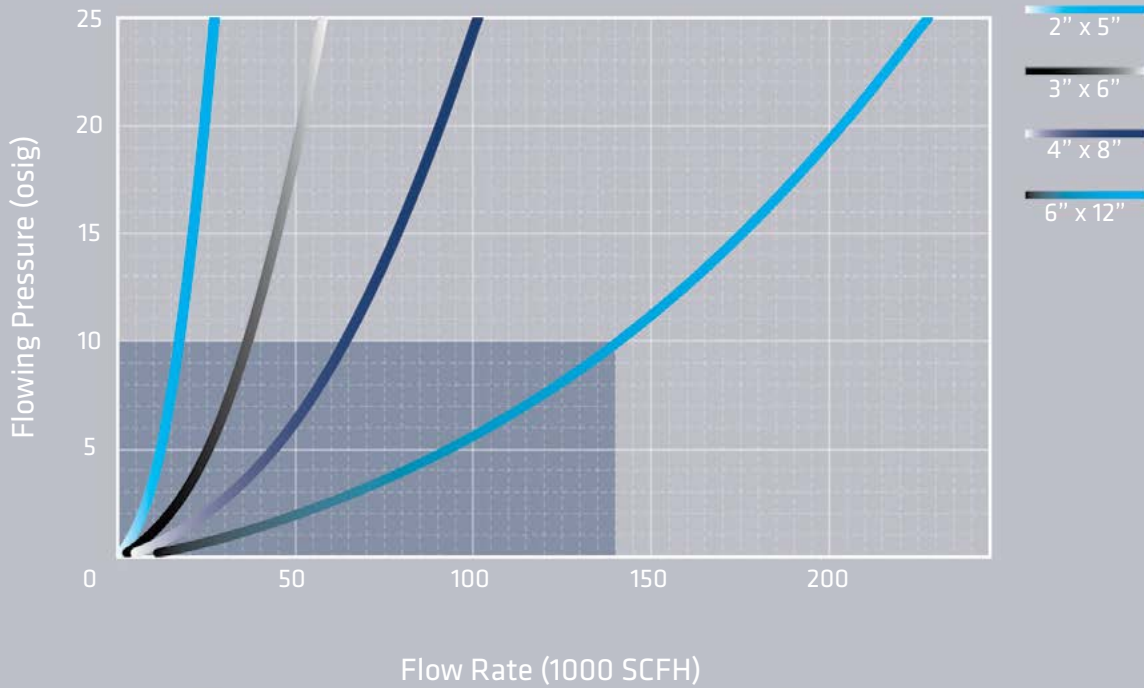
FLOW CAPACITY



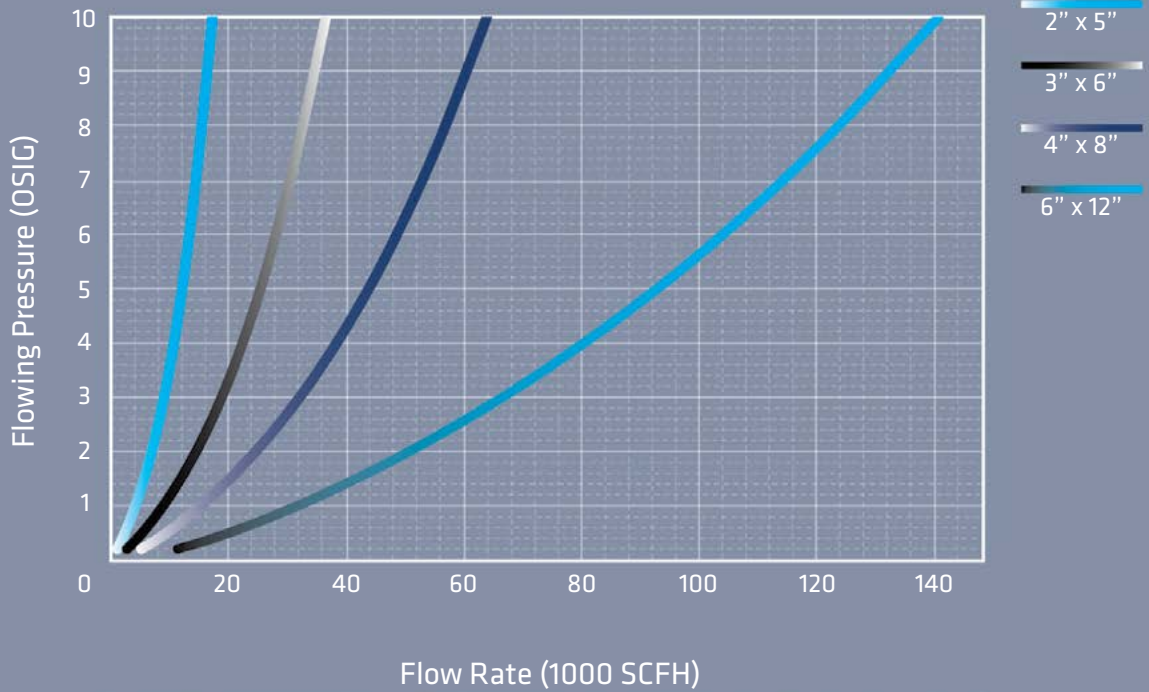
- The test equipment, procedures, and reporting methods utilized by LaMOT Valve & Arrestor meet the requirements of standards API 2000/ISO 28300 and ISO 16852
- Flow values based on air at 60°F venting to atmospheric pressure of 14.6959 psia

FLOW CAPACITY

Model: L76V Flow Capacity for Aluminum Element



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