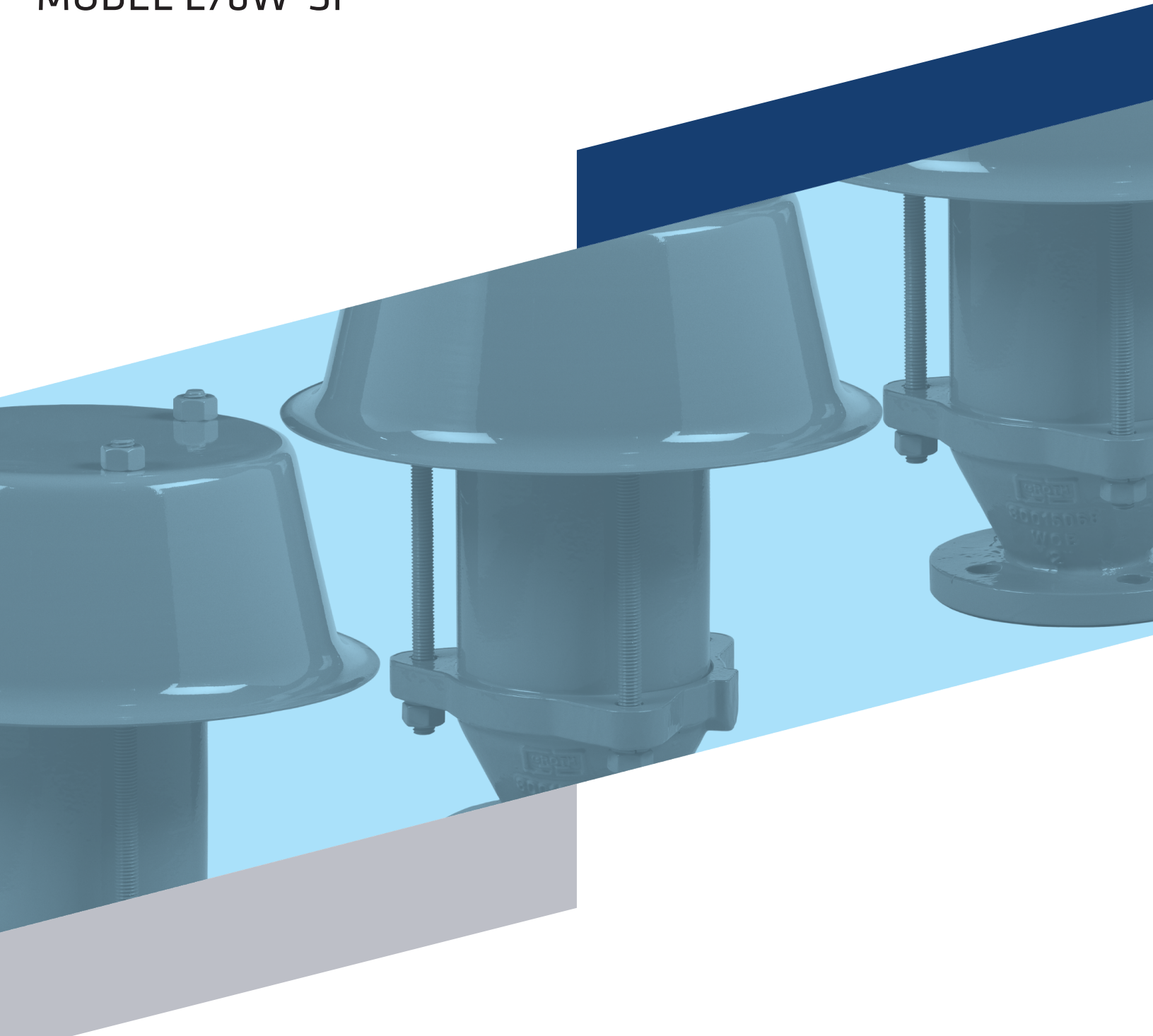


LAMOT®

VALVE & ARRESTOR

FREE VENT FLAME ARRESTOR

MODEL L76W-SF



PRODUCT DETAILS

Deflagration Flame Arrestors

The L76W-SF model is an End-Of-Line Vertical 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

- Sizes 2" through 12"
- Housing standard material: carbon steel, stainless steel, aluminum
- Flame element standard material: 316L stainless steel
- Other materials available upon request
- ASME standard flange drilling
- Operational Temperature Range -4 to 140 °F (-20 to 60 °C)
- Burn Time t_{BT} 2 minutes*
- NEC gas group D, IEC gas group IIA (MESG \geq 0.90 mm)
- Arrestor tested in compliance with EN ISO 16852:2010

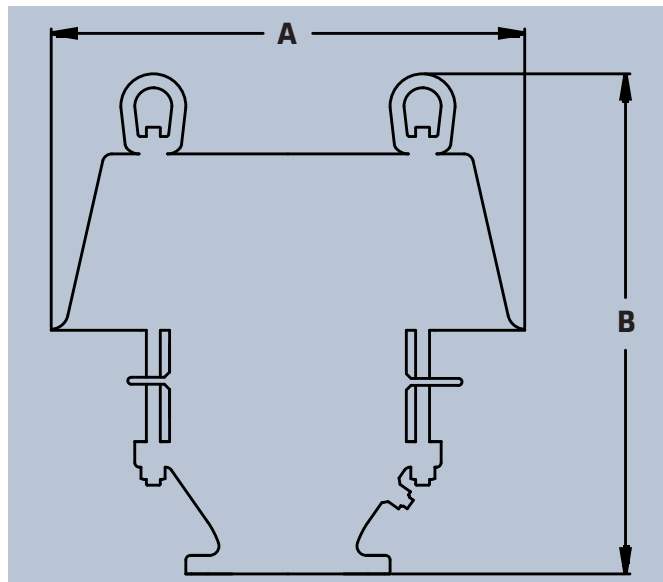
Features & Benefits

- 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

Specifications

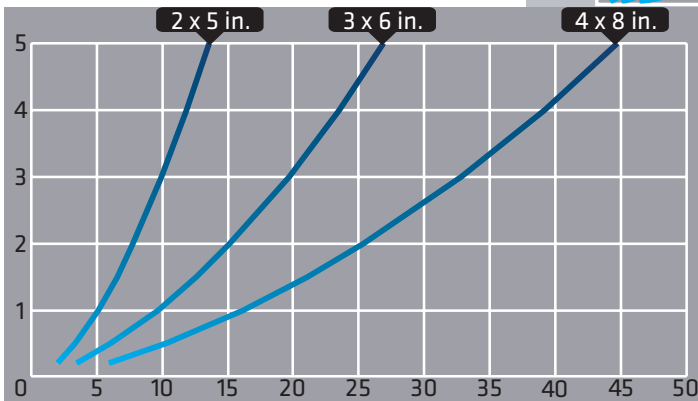
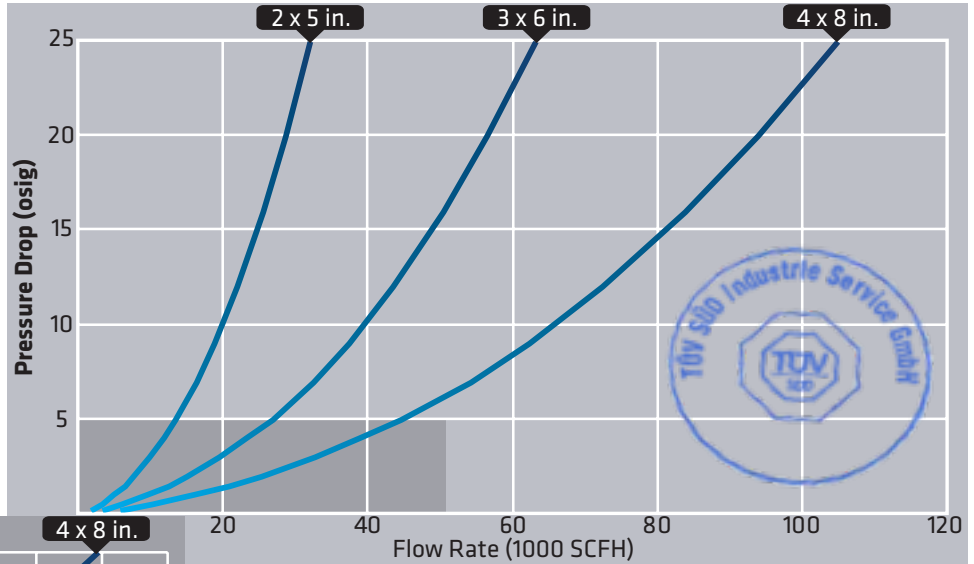


Size	A Width	B Height	Approx Ship. Wt. Lbs. (Aluminum)	Approx Ship.Wt. Lbs. (Carbon or SS Body)
2" x 5"	13"	18"	22	37
3" x 6"	17"	18.7"	35	65
4" x 8"	19.5"	21.1"	49	90
6" x 12"	23.50"	24.2"	105	168
8" x 16"	28.3"	32"	160	280
10" x 20"	32.25"	36"	244	417
12" x 24"	40"	39"	314	567

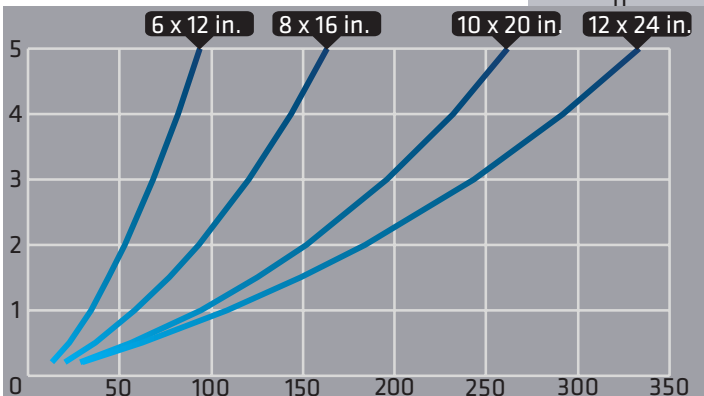
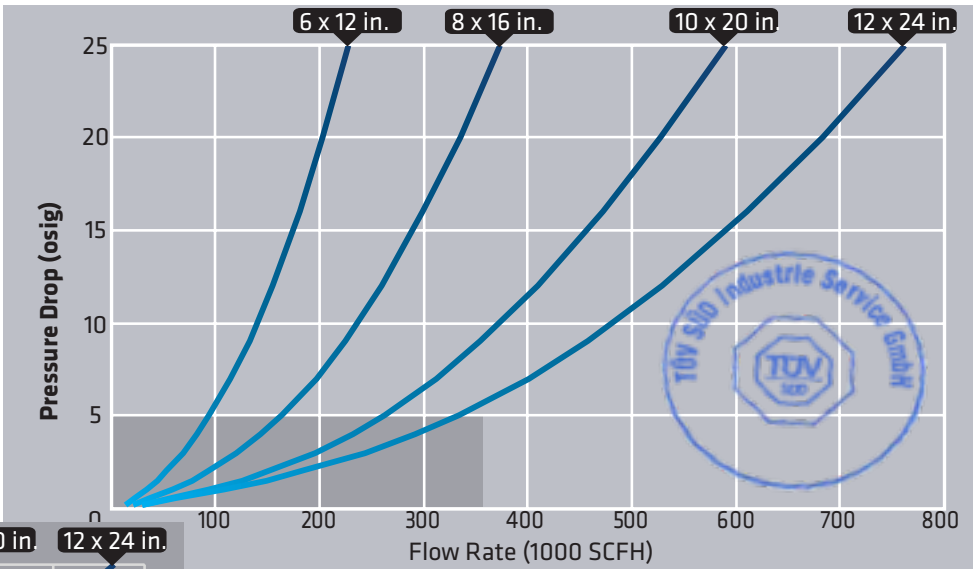
*Testing parameters based on EN ISO 16852:2010

FLOW CAPACITY (END OF LINE)

- The test equipment, procedures, and reporting methods utilized by Groth Corporation meet the requirements of standards
- API 2000/ISO 28300 and ISO 16852. The equipment, methods, and results have been reviewed and certified by TÜV SÜD.
- Flow data are for in-line mounting and does not include entrance losses or exit losses.
- Flow values based on air at 60°F venting to atmospheric pressure of 14.6959 psia



- The test equipment, procedures, and reporting methods utilized by Groth Corporation meet the requirements of standards API 2000/ISO 28300 and ISO 16852. The equipment, methods, and results have been reviewed and certified by TÜV SÜD.
- Flow data are for in-line mounting and does not include entrance losses or exit losses.
- Flow values based on air at 0°C venting to atmospheric pressure of 1.01325 bara



LAMOT®

VALVE & ARRESTOR



ASME Code Symbol Stamp
Available When Specified

China Manufacture License
Available When Specified

Pressure Equipment Directive
Available When Specified

LAMOT®
VALVE & ARRESTOR

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