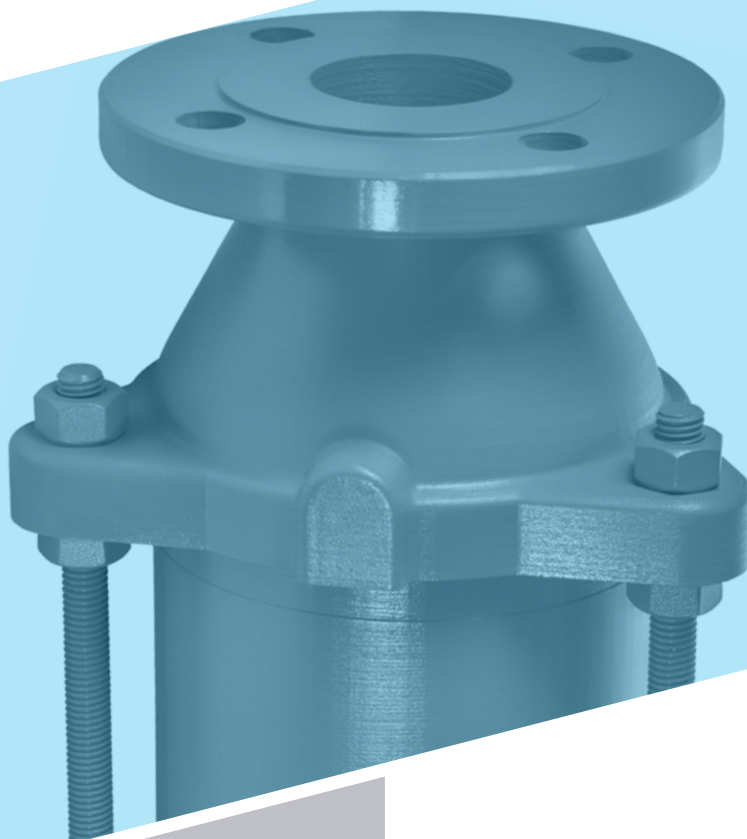




FLAME ARRESTER

MODEL 7688



MODEL 7688

The Groth Model 7688 is an In-Line Vertical Deflagration Flame Arrester designed to inhibit flame propagation in gas piping systems and to protect low pressure tanks containing flammable liquids. Arresters protect low flash point liquids from external sources of ignition providing increased fire protection and safety.

Technical Details

- Flange Sizes: 2" (DN50) through 12" (DN300)
- Housing standard material: Aluminum, Carbon Steel, Stainless Steel
- Bases standard material: Aluminum, Carbon Steel, Stainless Steel
- Flame element standard material: 316L Stainless Steel
- Maximum Run Up (L/D) 50 (testing parameters based on EN ISO 16852:2010)
- Operational Temperature Range: -4 to 140 °F (-20 to 60 °C)
- Burn Time tBT 2 minutes (Size 8", 10", 12")
- Burn Time tBT 10 minutes (Sizes 2", 3", 4", 6")
- NEC gas group D, IEC gas group IIA (MESG \geq 0.90mm)
- 2-4" sizes available with ATEX Certification in compliance with EN ISO 16852:2010

Features

- Unique recessed seating for superior protection
- Quick and easy maintenance
- Modular design allows easy and cost-effective flame-bank maintenance
- Flame arrester element geometry maximizes flame-quenching capability while minimizing pressure drop
- Proven spiral-wound, crimped-ribbon flame element provides reliable protection

Options

- Exterior painting or coating
- DIN or ASME/ANSI drilling
- Tapped and instrumentation ports
- Factory installed thermocouples for flame sensing, required for flame detection per ATEX code



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