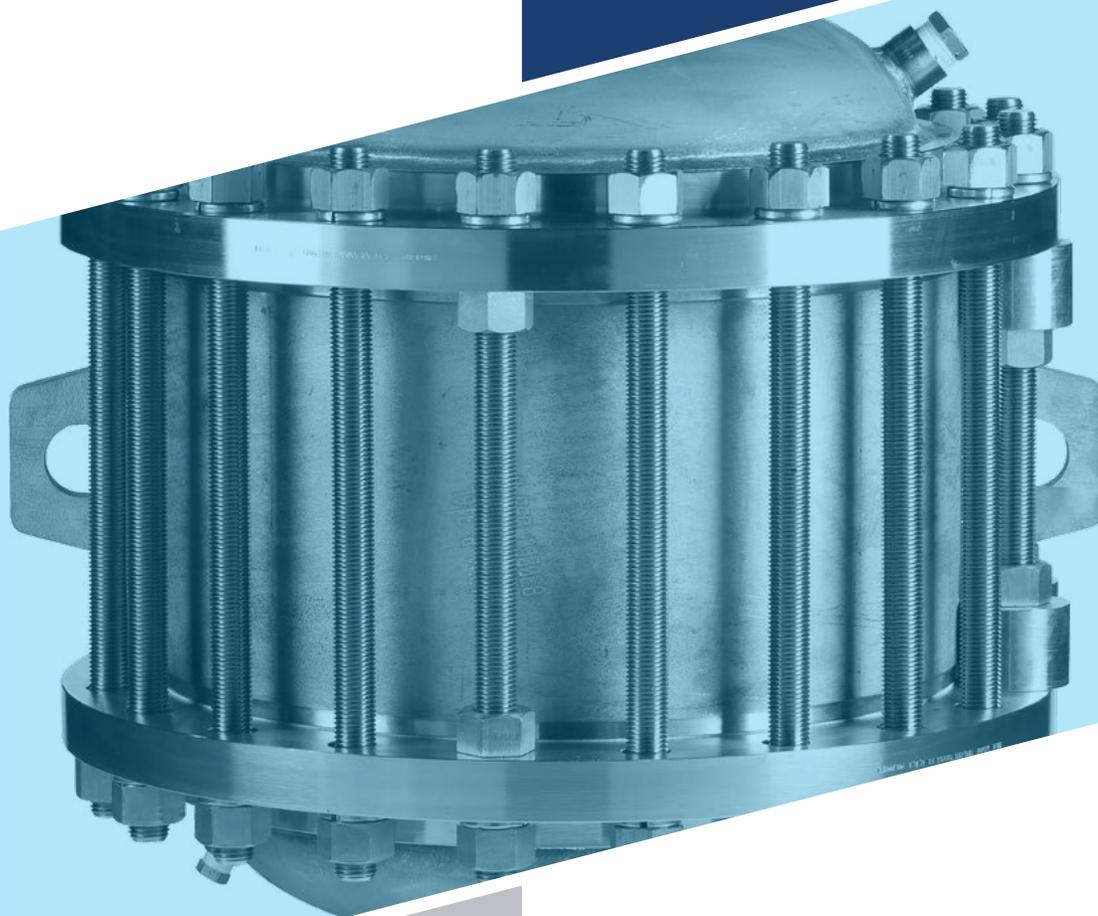


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**CORPORATION**

# **FLAME ARRESTER**

MODEL 7661



# MODEL 7661

The Groth Model 7661 Deflagration & Detonation Flame Arrester inhibits flame propagation in gas piping systems. The design makes it ideal to protect liquid storage tanks containing NECC Group D (IEC Class IIA) gases with Maximum Experimental Safe Gap (MESG) equal to or greater than 0.90 mm.

## Technical Details

- Sizes: 4" x 16" through 12" x 30"
- Housings Materials: Carbon Steel, Stainless Steel, Alloy C276
- Element Materials: Stainless Steel, Alloy C276 or other corrosion resistant alloys
- Unstable detonations
- Pre-ignition system pressure up to 15.7 psia (1.08 bara)
- Pre-ignition system temperatures -4 to 140°F (-20 to 60°C)
- Burn time tBT 20 minutes
- Many sizes certified to ATEX and/or US Coast Guard, please consult factory for information

## Features

- Compact with high flow capacity and low pressure drop
- Elements are easily removed in-line for cleaning and maintenance
- Vertical or horizontal installation
- In-line or end-of-line deflagrations
- Bi-directional with respect to flow and ignition source
- Low pressure drop with multiple element sizes available for each flange size

## Options

- Sensor ports
- Large inspection and cleaning ports
- Swing bolts for fast element removal
- Factory installed thermocouples for flame sensing



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