FLAME ARRESTORS

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Innovative Solutions

Get Consistent Quality

By involving every employee in our ISO 9001:2008 Quality Assurance Program, you can count on the quality we provide you. We have coordinated our business systems, invested in state-of-the-art machine tools, and built an extensive component inventory so we can consistently provide cost-effective solutions and on-time delivery to meet your replacement or project requirements — regardless of size or complexity.

Make the Right Choice

"We simply make it right" by putting your needs first. The next time you specify control valves, regulators or vapor control emission systems, or you need a replacement fast...call the supplier that makes it right. Rely on Cashco for your single-source convenience. Great service, field-proven quality, and timely delivery makes Cashco the right choice.

Select Control Valves & Regulators

FOR SPECIALIZED OR UTILITY SERVICE

We manufacture a broad line of throttling rotary and linear control valves, pressure reducing regulators, and back pressure regulators in line sizes from 1⁄4 inch to 10 inches and Cv ranges from .002 to 4,406. Models are available to handle slurries, cryogenic service, and corrosive fluids; to withstand high temperatures and pressures; and to maximize the reduction of fugitive emissions. Contact Cashco for complete product information.

WE ARE CASHCO

The Strength Of Our Organization Is Our Employees

COMMITMENT. QUALITY. DEDICATION.

Cashco, Inc. is a manufacturing enterprise, centrally located within the United States. Our employees use hard work, commitment, and passion to define company goals that deliver world-class products at a fair price.

At Cashco, we continue to innovate our products until they are recognized as best in class within their respective industry. If the customer is not satisfied, we take it upon ourselves to make it right. Cashco employees are the bloodline of our company elevating products above industry standards for performance, dependability, and safety.

At Cashco, the strength of our organization is our employees.

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MODEL // **6A00**

The Model 6A00 is an inline deflagration flame arrestor. The primary function is to allow the flow of gases or vapor of flammable liquids through the enclosure, but prevent the transmission of a flame. The element inside the housing provides an extinguishing barrier to the ignited vapor mixture by absorbing heat from the flame. The element design is bi-directional and available for horizontal or vertical installations.

VIEW IN 3D!

LINE SIZES AVAILABLE

3/4” (DN20)	1” (DN25)	1.25” (DN32)	1.5” (DN40)	2” (DN50)	2.5” (DN65)	3” (DN80)	4” (DN100)
5” (DN125)	6” (DN150)	8” (DN200)	10” (DN250)	12” (DN300)	14” (DN350)	16” (DN400)	

EXPLOSION GROUPS

IIA1	IIA	IIB1	IIB3	IIB	IIC

The Model 6A00 is designed, manufactured, and tested according to Directive 2014/34/EU (ATEX114) and ISO 16852.

END CONNECTIONS

Rp	BSPP	NPT	DIN (PN10)	ASME (150#RF)

COMMON APPLICATIONS

OIL & GAS INDUSTRY PIPING, CHEMICAL PROCESSING PLANTS, POWER GENERATION FACILITIES, WASTEWATER TREATMENT PLANTS, MARINE & OFFSHORE APPLICATIONS

MATERIALS:
CS or SST

ELEMENT:
SST Material

MODEL // **6A00-EM**

The Model 6A00 inline deflagration flame arrestor is a device that can be fitted to the opening of an enclosure or to the connecting pipe work of a system of enclosures. Its primary function is to allow the flow of gases or vapor of flammable liquids through the enclosure, but prevent the transmission of a flame. The element inside the housing provides an extinguishing barrier to the ignited vapor mixture by absorbing heat from the flame. The Model 6A00 is used as an independent safety system to ensure explosion protection.

LINE SIZES AVAILABLE

2” (DN50)	2.5” (DN65)	3” (DN80)	4” (DN100)	5” (DN125)	6” (DN150)
8” (DN200)	10” (DN250)	12” (DN300)	14” (DN350)	16” (DN400)	

EXPLOSION GROUPS

IIA1 | IIA

*The Model **6A00** is designed, manufactured, and tested according to Directive 2014/34/EU (ATEX114) and ISO 16852.*

END CONNECTIONS

DIN (PN10) | ASME (150#RF)

COMMON APPLICATIONS

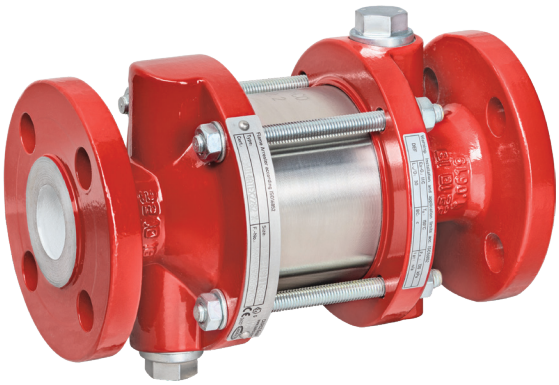
REFINERIES & PETROCHEMICAL PLANTS, CHEMICAL PROCESSING PLANTS, POWER GENERATION PLANTS, WASTEWATER TREATMENT PLANTS, MARINE & OFFSHORE APPLICATIONS

MATERIALS:
CS or SST

ELEMENT:
SST Material

MODEL // **6A00-HT**

The Model 6A00-HT is a high temperature, inline deflagration flame arrestor that can be fitted to the opening of an enclosure or to the connecting pipe work of a system of enclosures. Its primary function is to allow the flow of gases or vapor of flammable liquids through the enclosure, but prevent the transmission of a flame. The element inside the housing provides an extinguishing barrier to the ignited vapor mixture by absorbing heat from the flame. The Model 6A00 is used as an independent safety system to ensure explosion protection.



LINE SIZES AVAILABLE

3/4" (DN20)	1" (DN25)	1.25" (DN32)	1.5" (DN40)	2" (DN50)	2.5" (DN65)	3" (DN80)	4" (DN100)
5" (DN125)	6" (DN150)	8" (DN200)	10" (DN250)	12" (DN300)	14" (DN350)	16" (DN40)	

EXPLOSION GROUPS

IIA1 | IIA | IIC

END CONNECTIONS

Rp | BSPP | NPT | DIN (PN10) | ASME (150#RF)

*The Model **6A00** is designed, manufactured, and tested according to Directive 2014/34/EU (ATEX114) and ISO 16852.*

COMMON APPLICATIONS

REFINERIES & PETROCHEMICAL PLANTS, OIL & GAS TRANSMISSION PIPELINES, POWER GENERATION FACILITIES, CHEMICAL MANUFACTURING, WASTEWATER TREATMENT PLANTS

MATERIALS:
CS or SST

ELEMENT:
SST Material

MODEL // **6B00**

The Model 6B00 inline deflagration flame arrestor is a device that can be fitted to the opening of an enclosure or to the connecting pipe work of a system of enclosures. Its primary function is to allow the flow of gases or vapor of flammable liquids through the enclosure, but prevent the transmission of a flame. The element inside the housing provides an extinguishing barrier to the ignited vapor mixture by absorbing heat from the flame. The Model 6B00 is used as an independent safety system to ensure explosion protection.

VIEW IN 3D!

LINE SIZES AVAILABLE

1.5” (DN40)	2” (DN50)	3” (DN80)	4” (DN100)
5” (DN125)	6” (DN150)	8” (DN200)	

EXPLOSION GROUPS

IIA1	IIA

END CONNECTIONS

DIN (PN10)	ASME (150#RF)

*The Model **6B00** is designed, manufactured, and tested according to Directive 2014/34/EU (ATEX114) and ISO 16852.*

COMMON APPLICATIONS

OIL & GAS PIPELINE INSTALLATIONS, CHEMICAL PROCESSING PLANTS, REFINERY PROCESS PLANTS, INDUSTRIAL COMBUSTION SYSTEMS, WASTEWATER TREATMENT PLANTS

MATERIALS:
CS or SST

ELEMENT:
SST Material

MODEL // **6C00**

The Model 6C00 end-of-line flame deflagration and endurance burn proof flame arrestor is a device that can be fitted directly on a vessel, tank vent nozzle, or on the end of a vent line. Its primary function is to allow the flow of gases or vapor of flammable liquids through the enclosure, but prevent the transmission of a flame from the outside. The element inside the housing provides an extinguishing barrier to the ignited vapor mixture by absorbing heat from the flame. The Model 6C00 is used as an independent safety system to ensure explosion protection.

LINE SIZES AVAILABLE

- 1.5” (DN40)
- 2” (DN50)

EXPLOSION GROUPS

- IIA

END CONNECTIONS

- DIN (PN10)
- ASME (150#RF)

COMMON APPLICATIONS

FUEL STORAGE & DISTRIBUTION, INDUSTRIAL HEATING EQUIPMENT, CHEMICAL PROCESS VENTING SYSTEMS, BIOGAS AND LANDFILL GAS RECOVERY SYSTEMS, VENTILATION SYSTEMS IN HAZARDOUS ENVIRONMENTS

*The Model **6C00** is designed, manufactured, and tested according to Directive 2014/34/EU (ATEX114) and ISO 16852.*

MATERIALS:
CS or SST

ELEMENT:
SST Material

MODEL // **6E00**

The Model 6E00 end-of-line deflagration flame arrestor is a device that can be fitted directly on a vessel, tank vent nozzle, or on the end of a vent line. Its primary function is to allow the flow of gases or vapor of flammable liquids through the enclosure, but prevent the transmission of a flame from the outside. The element inside the housing provides an extinguishing barrier to the ignited vapor mixture by absorbing heat from the flame. The Model 6E00 is used as an independent safety system to ensure explosion protection.

VIEW IN 3D!

LINE SIZES AVAILABLE

3/4” (DN20)	1” (DN25)	1.25” (DN32)	1.5” (DN40)	2” (DN50)	3” (DN80)
4” (DN100)	6” (DN150)	8” (DN200)	10” (DN250)	12” (DN300)	

EXPLOSION GROUPS

IIB3 | IIC

*The Model **6E00** is designed, manufactured, and tested according to Directive 2014/34/EU (ATEX114) and ISO 16852.*

END CONNECTIONS

Rp | BSPP | NPT | DIN (PN10) | ASME (150#RF) | JIS (10K)

COMMON APPLICATIONS

STORAGE TANK VENTING, OIL & GAS PIPING SYSTEMS, PETROCHEMICAL PROCESSING, INDUSTRIAL COMBUSTION SYSTEMS, OFFSHORE & MARINE APPLICATIONS

MATERIALS:
CS or SST

ELEMENT:
SST Material

MODEL // **6K00**

The Model 6K00 Pressure/Vacuum Vent with Flame Arrestor is designed for use on atmospheric and low-pressure storage tanks where pressure and vacuum relief is required. The design includes a deflagration flame arrestor consisting of a crimped SST metal element which allows the flow of gases or vapor of flammable liquids but prevent the flame-transmission from the outside. It provides an extinguishing barrier to the ignited vapor mixture by absorbing heat from the flame. The Model 6K00 is used as an independent safety system to ensure explosion protection.

LINE SIZES AVAILABLE

- 2" (DN50)
- 3" (DN80)
- 4" (DN100)
- 6" (DN150)
- 8" (DN200)
- 10" (DN250)
- 12" (DN300)

VIEW IN 3D!

EXPLOSION GROUPS

- IIB3

END CONNECTIONS

- DIN (PN10)
- ASME (150#RF)

*The Model **6K00** is designed, manufactured, and tested according to Directive 2014/34/EU (ATEX114) and ISO 16852.*

COMMON APPLICATIONS

STORAGE TANK PROTECTION, OIL & GAS PROCESSING, CHEMICAL MANUFACTURING, MARINE & OFFSHORE APPLICATIONS, PETROCHEMICAL PLANTS

MATERIALS:
CS or SST

ELEMENT:
SST Material

MODEL // **6ZA21**

The Model 6ZA21 in-line deflagration flame arrestor is a device that can be fitted to the opening of an enclosure or to the connecting pipe work of a system of enclosures. Its primary function is to allow the flow of gases or vapor of flammable liquids through the enclosure, but prevent the transmission of a flame. The element inside the housing provides an extinguishing barrier to the ignited vapor mixture by absorbing heat from the flame. The Model 6ZA21 is used as an indpendent safety system to ensure explosion protection.

LINE SIZES AVAILABLE

- 3/4” (DN20)
- 1” (DN25)
- 1.5” (DN40)
- 2” (DN50)

EXPLOSION GROUPS

- IIA1
- IIA

*The Model **6ZA21** is designed, manufactured, and tested according to Directive 2014/34/EU (ATEX114) and ISO 16852.*

END CONNECTIONS

- Rp

COMMON APPLICATIONS

CHEMICAL PROCESSING PLANTS, FUEL GAS SYSTEMS, INDUSTRIAL FURNACES & BOILERS, VENTILATION & EXHAUST SYSTEMS, BIOGAS & LANDFILL GAS SYSTEMS

MATERIALS:
CS or SST

ELEMENT:
SST Material

MODEL // **7A00**

The Model 7A00 detonation flame arrestor is a device that can be fitted to the opening of an enclosure or to the connecting pipe work of a system of enclosures. Its primary function is to allow the flow of gases or vapor of flammable liquids through the enclosure, but prevent the transmission of a flame. The Model 7A00 is used as an independent safety system to ensure explosion protection.

VIEW IN 3D!

LINE SIZES AVAILABLE

3/4" (DN20)	1" (DN25)	1.25" (DN32)	1.5" (DN40)	2" (DN50)	2.5" (DN65)	3" (DN80)	4" (DN100)
5" (DN125)	6" (DN150)	8" (DN200)	10" (DN250)	12" (DN300)			

EXPLOSION GROUPS

IIA	IIB3	IIC

END CONNECTIONS

Rp	BSPP	NPT	DIN (PN10)	ASME (150#RF)

*The Model **7A00** is designed, manufactured, and tested according to Directive 2014/34/EU (ATEX114) and ISO 16852.*

COMMON APPLICATIONS

OIL & GAS PIPELINES, CHEMICAL PROCESSING, STORAGE TANK VENTING, POWER GENERATION, WASTEWATER TREATMENT PLANTS

MATERIALS:
CS or SST

ELEMENT:
SST Material

MODEL // **7A00-S**

The Model 7A00-S detonation flame arrestor is a device that can be fitted to the opening of an enclosure or to the connecting pipe work of a system of enclosures. Its primary function is to allow the flow of gases or vapor of flammable liquids through the enclosure, but prevent the transmission of a flame. The element inside the housing provides an extinguishing barrier to the ignited vapor mixture by absorbing heat from the flame. The Model 7A00-S is used as an independent safety system to ensure explosion protection.

VIEW IN 3D!

LINE SIZES AVAILABLE

1/8” (DN6)	1/4” (DN8)	3/8” (DN10)	1/2” (DN15)

EXPLOSION GROUPS

IIA1	IIA	IIB3	IIC

END CONNECTIONS

Rp	BSPP	NPT

*The Model **7A00-S** is designed, manufactured, and tested according to Directive 2014/34/EU (ATEX114) and ISO 16852.*

COMMON APPLICATIONS

LABRATORY EQUIPMENT, GAS CHROMATOGRAPHY, MEDICAL DEVICES, INSTRUMENTATION SYSTEMS, FUEL CELLS

HOUSING MATERIALS:
SST

TRIM MATERIALS:
SST

MODEL // **7C00**

The Model 7C00 unstable/overdriven detonation flame arrestor type II is a device that can be fitted to the opening of an enclosure or to the connecting pipe work of a system of enclosures. Its primary function is to allow the flow of gases or vapor of flammable liquids through the enclosure, but prevent the transmission of a flame. The element inside the housing provides an extinguishing barrier to the ignited vapor mixture by absorbing heat from the flame.

VIEW IN 3D!

LINE SIZES AVAILABLE

- 2" (DN50)
- 3" (DN80)
- 4" (DN100)
- 6" (DN150)
- 8" (DN200)
- 10" (DN250)
- 12" (DN300)

EXPLOSION GROUPS

- D

END CONNECTIONS

- ASME (150#RF)

The Model 7C00 is designed, manufactured, and tested according to Title 33, Code of Federal Regulations (CFR), part 154, Appendix A for USCG approved application.

COMMON APPLICATIONS

MARINE VESSEL FUEL SYSTEMS, OIL & GAS OFFSHORE PLATFORMS, CHEMICAL PROCESSING PLANTS, PETROLEUM REFINERIES, CHEMICAL TANKER TRUCKS & RAILCARS

MATERIALS:
CS or SST

ELEMENT:
SST Material

MODEL // **7J00**

The Model 7J00 unstable detonation flame arrestor is a device that can be fitted to the opening of an enclosure or to the connecting pipe work of a system of enclosures. Its primary function is to allow the flow of gases or vapor of flammable liquids through the enclosure, but prevent the transmission of a flame. The element inside the housing provides an extinguishing barrier to the ignited vapor mixture by absorbing heat from the flame. The Model 7J00 is used as an independent safety system to ensure explosion protection.

LINE SIZES AVAILABLE

- 1.5” (DN40)
- 2” (DN50)
- 2.5” (DN65)
- 3” (DN80)
- 4” (DN100)

EXPLOSION GROUPS

- IIA
- IIB3

*The Model **7J00** is designed, manufactured, and tested according to Directive 2014/34/EU (ATEX114) and ISO 16852.*

END CONNECTIONS

- Rp
- BSPP
- NPT
- DIN (PN10)
- ASME (150#RF)

COMMON APPLICATIONS

OIL & GAS PIPELINES, CHEMICAL PROCESSING PLANTS, REFINERY PROCESS UNITS, STORAGE TANK VENTING, WASTEWATER TREATMENT FACILITIES

MATERIALS:
CS or SST

ELEMENT:
SST Material

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