

THE SERIES 59



In-line Detonation Flame Arrester

Test Protocol

Tested in accordance with the United States Coast Guard CFR 154.

Sizes

Size 2" – 12" NEC Group D vapors (IIA/M.E.S.G. .9 mm).

Protection

Bi-directional. Quenches deflagrations, stable and overdriven detonations regardless of piping configuration. Complete testing through the flame profile curve.

Installation

The Series 59 can be installed in the vertical or horizontal position.

Passive Operation

Completely self-contained with no reliance on power supplies, sensors, actuators or any external components.

Multiple Element Design

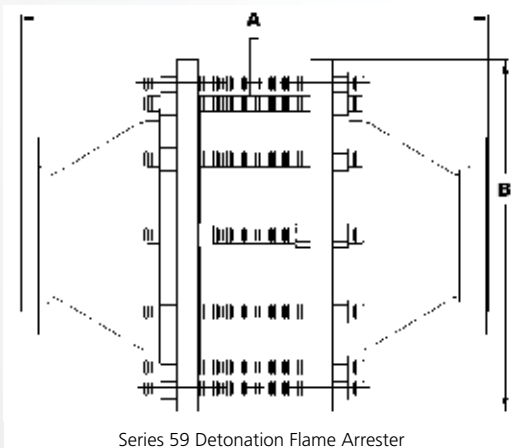
Elements easily removed, separated and cleaned in the field.

Mechanical Design

Standard construction is carbon steel housing fabricated in accordance with ASME/ANSI with 150 R.F. line flanges. Elements are 316 stainless steel.

Optional Features

- Arrester housing fabricated in 316 SS
- Class 300 ANSI R.F. or DIN mating flange connections
- Instrument and drain connections
- Special alloy fabrication and internal coatings
- Special surface finishes
- Special testing and designs



MODEL	LINE SIZE	OVERALL LENGTH (A)	HOUSING DIAMETER (B)	ARRESTER WEIGHT (LB.)
WFA59-002	2" (50 mm)	15.875	9	80
WFA59-003	3" (80 mm)	19.75	11	135
WFA59-004	4" (100 mm)	21.375	16	280
WFA59-006	6" (150 mm)	25.875	19.625	365
WFA59-008	8" (200 mm)	41.125	23.5	740
WFA59-010	10" (250 mm)	49.125	27.5	1132
WFA59-012	12" (300 mm)	49	32	1480

Overall length may vary +/- .25" (6 mm)

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