THE SERIES 60

In-line Detonation Flame Arrester

Test Protocol

Accepted to ATEX 94/9/EC and EN12874 as well as other international standards. (CSA, USCG, FM, UL, PTB, BSI, IMO).

Tested for conditions not mandated by exisiting standards, such as momentum impulse (long run stable detonation), thermal failure and reignition of downstream unburned gases providing maximum protection against all modes of flame propogation.

Sizes

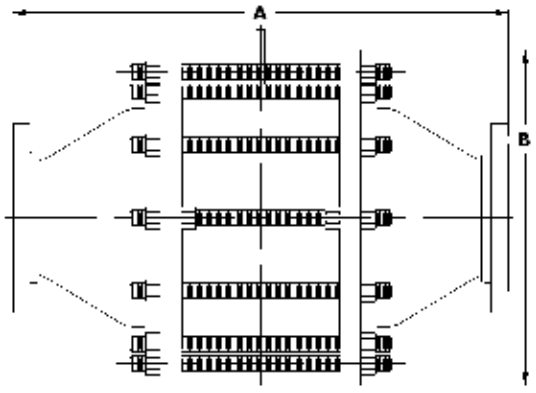
Size 2" – 12" NEC Group D & C
(IEC Group IIA and IIB3 MESG 0.65mm)

Protection

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

Installation

The Series 60 can be installed in the vertical or horizontal position.



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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.)
WFA60-002	2" (50 mm)	15.875	9	80
WFA60-003	3" (80 mm)	19.75	11	135
WFA60-004	4" (100 mm)	24.375	16	330
WFA60-006	6" (150 mm)	28.875	19.625	405
WFA60-008	8" (200 mm)	47.125	23.5	810
WFA60-010	10" (250 mm)	55.125	27.5	1450
WFA60-012	12" (300 mm)	55	32	2050
Overall length may vary +/- .25" (6 mm)				

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