



Threaded Inline Flame Arrestor

Enardo Threaded Inline Flame Arrestors are designed to stop the propagation of confined low pressure deflagrations. The Inline series prevent flame propagation by absorbing and dissipating heat using spiral wound crimped ribbon flame cells. These cells allow maximum flow with maximum protection.

The Inline series is typically used for end-of-line and near end-of-line applications when the system operating pressure is near atmospheric levels and when there is minimal probability of a flame stabilizing on the Flame Arrestor element for an extended period. Typical applications include small fuel-assist lines, waste gas on reboilers and small instrumentation lines.

Designed with threaded or flanged connections. Standard housing construction is aluminum, carbon steel, and stainless steel. The element is available in aluminum or stainless steel. Special material and protective coatings are available on request.



Features and Benefits

Enardo's large crimp openings provide:

- Maximum flow
- Less pressure Drop
- Easy Cleaning
- Less Clogging
- Less Maintenance
- Single Element Design.
- Readily accessible and removable flame cell for easy inspection and service (2 in. connections and up).
- Economical design.
- Bi-directional design.
- Available in ANSI, DIN and JIS flanges.

Flame Arrestor Specifications

Model	Sizes Available
Inline Flame Arrestor	1/2" (13 mm) through 8" (200 mm)

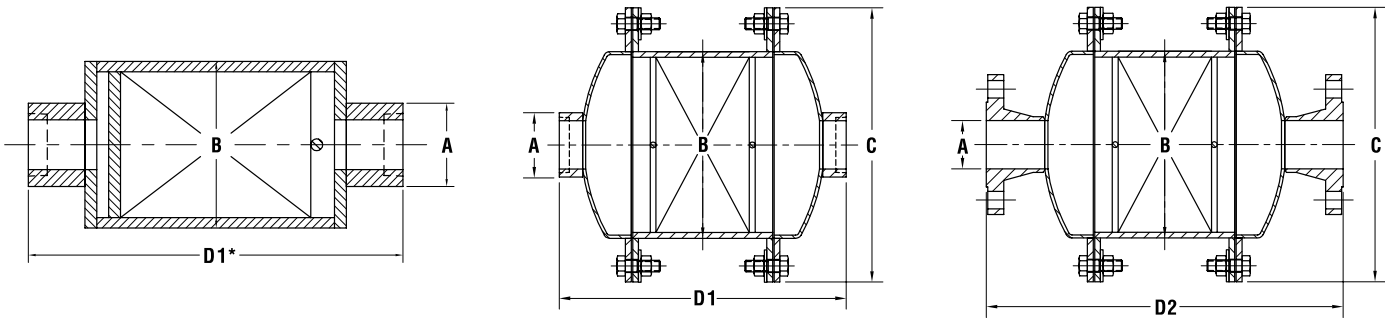
Materials of Construction

Housing	Cell	Gas Group
Aluminum Carbon Steel 304 SS 316 SS Hastelloy	Aluminum 304 SS 316 SS Hastelloy	IIA (D)



ENARDO
Flame
Arrestors

Threaded Inline Flame Arrestor

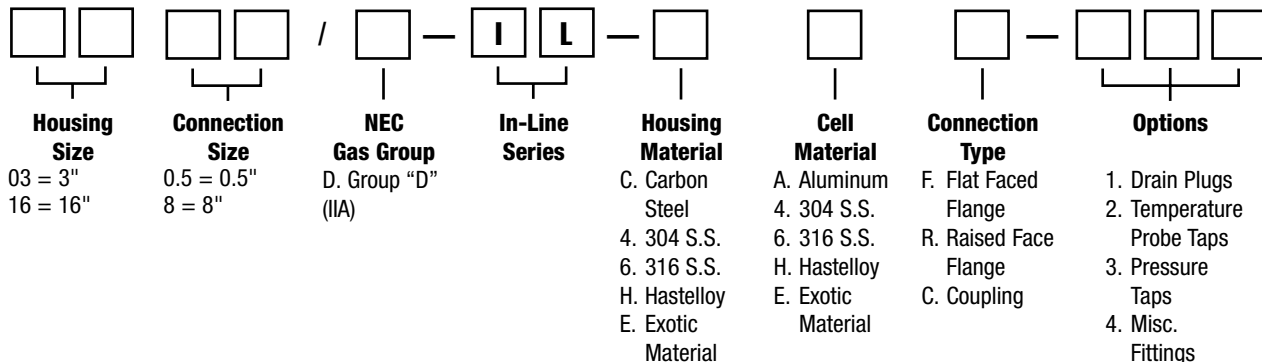


Threaded Inline Flame Arrestor Dimensions

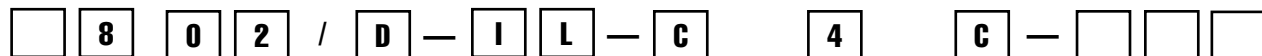
Model	A Connection Size In. (mm)	B Housing Size In. (mm)	C Outside Diameter In. (mm)	D1 Threaded Conn. Overall Length In. (mm)	Approx. Weight S.S. Cell Lb. (Kg)	D2 Flanged Conn. Overall Length In. (mm)	Approx. Weight S.S. Cell Lb. (Kg)
300.5-IL	.5 (12)	3 (75)	3.50 (88.9)	7.38 (*187.5)	10 (4.5)	NA (NA)	NA (NA)
300.75-IL	.75 (19)	3 (75)	3.50 (88.9)	7.50 (*190.5)	10 (4.5)	NA (NA)	NA (NA)
301-IL	1 (25)	3 (75)	3.50 (88.9)	7.88 (*200.2)	10 (4.5)	NA (NA)	NA (NA)
402-IL	2 (50)	4 (100)	4.50 (114.3)	8.50 (*215.9)	17 (7.7)	NA (NA)	NA (NA)
802-IL	2 (50)	8 (200)	11.75 (298.5)	12.25 (311.2)	58 (26.3)	15.38 (390.5)	58 (26.3)
803-IL	3 (75)	8 (200)	11.75 (298.5)	13.25 (336.6)	68 (30.8)	15.63 (396.9)	68 (30.8)
804-IL	4 (100)	8 (200)	11.75 (298.5)	13.13 (333.4)	78 (35.4)	16.00 (406.4)	78 (35.4)
1006-IL	6 (150)	10 (250)	14.00 (355.6)	13.50 (342.9)	115 (52.2)	17.50 (444.5)	115 (52.2)
1206-IL	6 (150)	12 (300)	16.00 (406.4)	14.25 (362.0)	140 (63.5)	18.25 (463.6)	140 (63.5)
1408-IL	8 (200)	14 (350)	18.00 (457.2)	NA (NA)	NA (NA)	19.38 (492.1)	185 (83.9)
1608-IL	8 (200)	16 (400)	20.00 (508.0)	NA (NA)	NA (NA)	19.88 (504.8)	215 (97.5)

Dimensions may vary somewhat from those given above. Allow for a tolerance of $\pm 1.00"$ (25 mm). Threaded Inline lengths vary depending on materials used. Specific dimensions available on request.

Key to Enardo Inline Flame Arrestor Model Number



Example:



Indicates a Threaded Inline Flame Arrestor with a 8" housing and 2" coupling connections. Carbon steel housing material and 304 stainless steel NEC Group "D" flame cell element.