

Flame Arrestor Part Matrix



BelGAS^{FM} Flame arrestors are critical safety devices and a component in the safe operation of vapor control systems. Preventing the propagation of flame from the exposed side of the unit to the protected side by employing the use of corrugated metal creating multiple channels called a flame cell or element. Improving on a time-tested technology, BelGAS^{FM} flame arrestors operate on a same principle: remove heat from the flame as it attempts to travel through narrow passages with walls of metal or other heat-conductive material and protecting critical components further in the process.

- Provides Operator Safety
- Passive devices with no moving parts – Less wear
- Multiple sizes, housing material and cell material options

Threaded Inline Dimensions

Model	A	B	C	D	Model	A	B	C	D
402	2.20	4.4	8.813	4.0	602	2.067	9.125	16.25	6.065
603	3.351	6.625	9.813	6.0	603	2.856	9.125	16.25	6.065
803	3.351	8.625	10.313	7.98	803	2.856	15.5	20.78	7.9
804	4.023	8.625	10.913	7.98	804	3.956	15.5	20.78	7.9
1006	XXX	402	XXX	10.02	1006	5.895	17.937	23.615	10.02

Dimension (D) allows a tolerance of ± 0.25 (6.35 mm). Dimensions subject to change depending on materials used. Custom dimensions available upon request. All changes to standard units are subject to price change.

AF	D	0	
XX			Housing Size 04 = 4" Through 24 = 24" Minimum size Increment 2"
XX			End Connection Size 01 = 1" Through 12 = 12" Minimum size Increment 1"
	D		Gas Group D = Group D or NEC IIA GAS
			Housing Material
	A		Aluminum
	C		Carbon Steel
	4		Stainless Steel 304
	6		Stainless Steel 316
			Cell Material
	A		Aluminum
	4		Stainless Steel 304
	6		Stainless Steel 316
	H		Hastalloy
			End Connection Type
	R		Raised Face Flange
	F		Flat Face Flange
	T		Threaded
			Number of Ports
	0		No Port
	1		One Port
	2		Two Ports
	3		Three Ports
			Body Style
	1		One Piece
	3		Three Piece
	0		Place Holder
			Special Options
	0		Standard
	1		Special Option
	2		Protective Coating

Note, Housing size and end connection size are correlated.

Note, In standard offering, two ports are tapped unilaterally in upper and lower locations of the cone. Three ports are arranged bilaterally, with an additional port tapped on the other side. Consult factory for special arrangement.

