BelGAS FM
Flame Management

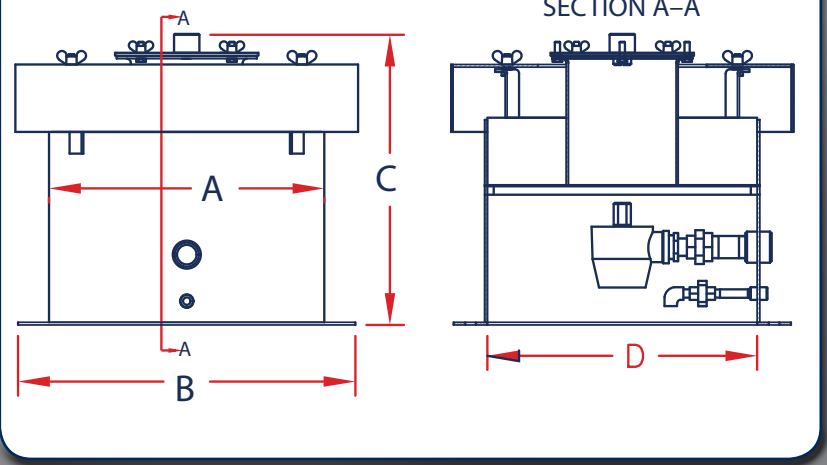
Flame Arrested Burners

BelGAS[FM] Flame Arrested Burners are critical safety devices and a component in the safe operation of vapor control systems. Featuring a Press and Seal sight glass, rather than the standard welded, that helps reduce the chance of leaks and better withstands equipment vibration. Multiple sizes and BTU ratings are available with cell material choices in aluminum, 304 Stainless Steel and increased corrosion resistant 316 Stainless Steel.

Dimensions

Model	A	B	C	D
16 – 16	16	18	17.097	16
18 – 8	18	18	17.097	8
20 – 10	20	20	17.097	10
22 – 12	22	22	17.097	12
24 – 12	24	24	17.097	12

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.



Flame Arrested Burner Part Matrix

GB									0					
														Cell Size
	XX													10 = 10" Through 48 = 48" Minimum Size Increment 2"
		XX												Size of the Fire Tube O. D. 06 = 6" Through 30 = 30" Minimum Size Increment 2"
			R											Body Style
			L											Hinged, Right
			N											Hinged, Left
			B											One-Piece
														Box
				12										Body Height
				18										12" Default for One-Piece Body
				24										18" Default for Hinged Body
				BS										24"
					A									Box Style
					B									BTU Rating
					C									250,000
					D									500,000
					E									750,000
					F									1 Million
					G									1.25 Million
					H									1.5 Million
														2 Million
														3 Million
						A								Cell Material
						4								Aluminum
						6								Stainless Steel 304
														Stainless Steel 316
							A							Coupling Orientation
							B							90 – 270 Degree Apart
							C							0 – 180 Degree Apart
							D							135 – 225 Degree Apart
							E							Couplings on Same Horizontal Plane
														3 Holes
								1						Additional Coupling
								2						45 Degrees
								3						90 Degrees
								4						135 Degrees
								5						180 Degrees
								6						225 Degrees
								0						270 Degrees
									0					No Additional Coupling
										G				Place Holder
										F				Ignition Mechanism
										L				Igniter on Top Face
										N				Igniter on Body Sidewall
														Lighting Port
														None
											1			Adjustment and Monitoring
											2			Flame Rod Only
											3			HO Rod Only
											0			Both Flame Rod and HO Rod
														None
												1		Burner Tip Style
												2		Rosebud
												0		Stick Tite
														Bell
													0	Special Options
													1	Standard
													2	Special Option
														Welder Nut on Flange

NOTE: BTU Rating is determined by Fire Tube OD and Total Overall Length (TOL.) Consult factory for proper configuration.