

# Flashback Arrestors



The Lincoln LE188 Automatic Flashback Arrestor is a safety device available in 9/16" or 3/8", which are fitted to the outlet connections of Regulator or pipeline regulators. It is a compact unit which should be fitted on all fuel gas / oxygen welding, cutting, heating equipment for the safety and protection of operators and equipment.

## FEATURES

- Conforms to EN730-1
- Temperature activated cut-off valve
- Sintered stainless steel filter (flametrapp)
- Non-return valve
- Manufactured mainly from brass

## BENEFITS

- Internationally accepted and proven quality safe product
- Will shut off gas flow if valve temperature exceeds 100°C ie. hose fire or exposed to excessive heat
- Operator and equipment protected against flashback
- Prevents backfeeding of gas
- Suitable for the majority of cutting and welding equipment
- Compatible with most gases



Gas Cutting and Welding Equipment



086 123 WELD



**High Flow Flashback Arrestor  
Torch Mount**



**Quick Release Flashback Arrestor With  
Stem And Nut Torch Mount**



**Quick Release Flashback Arrestor With  
Stem And Nut Regulator Mount**



**Resettable Flashback Arrestor  
Regulator Mount**

# Automatic Flashback Arrestors

## Quality Control

Every Lincoln Flashback Arrestor is tested individually for pressure soundness, non-return valve function and machine controlled flashbacks tests at maximum pressure according to the ISO Standards or those of the country of sale.



High Flow Flashback Arrestor  
Regulator Mount



Normal Flow Flashback Arrestor  
Regulator Mount



Normal Flow Flashback Arrestor  
Torch Mount

# Lincoln Model LE188 Flashback Arrestor

## Product Description and Operation

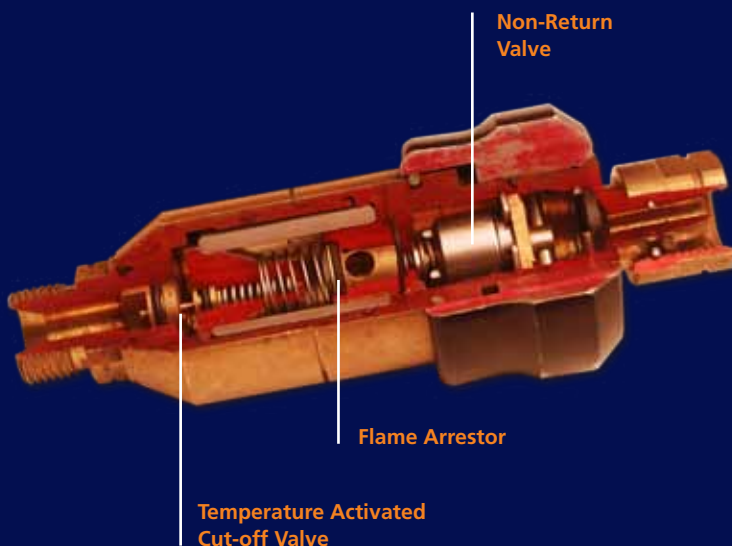
The Lincoln Model LE188 Regulator Pipeline Flashback Arrestor incorporates:

1. Spring loaded non-return valve to prevent slow or sudden backfeeding. It is protected from flashbacks by the downstream arrestor element.
2. Large surface-area sintered stainless steel flame arrestor to extinguish any flashback entering the device in any direction. The cylindrical shape give high flow capacity.
3. Temperature activated valve to cut-off the gas supply before the internal temperature reaches a dangerous level. The sealing element is shrouded from flashbacks and the valve closes in the same direction as the gas flow ensuring that it cannot be re-opened by the gas inlet pressure.

## Installation:

The Lincoln Automatic Flashback Arrestor LE188 may be installed at regulator or pipeline outlets. For pipeline use a shut-off valve should be fitted immediately upstream of the arrestor.

If there is a danger from water vapour being carried with the gas, then a separator should be installed upstream. Not more than one process unit may be connected to one flashback arrestor. Where ultra hi-flow is required the Lincoln Model LE188 is recommended.



## Technical data (Subject to change without warning)

Order No.	Model Type	Stainless Steel Metal Filter	Non Return Valve	Temp. of Valve	Max. Gas Flow m <sup>3</sup> /Hr	Max. Working Pressure Kpa				International Specs
						DA	OXY	LPG	HYD	
LE188 - L	LE188 Regulator Mount (LH) 9/16"	Yes Sintered	Yes	110°C	8.32	150	1000	500	500	EN730-1
LE188 - R	LE188 Regulator Mount (RH) 9/16"	Yes Sintered	Yes	110°C	42.75	150	1000	500	500	
LE188 - 2L	LE188 Regulator Mount (LH) 3/8"	Yes Sintered	Yes	110°C	8.32	150	1000	500	500	
LE188 - 2R	LE188 Regulator 3/8"	Yes Sintered	Yes	110°C	42.75	150	1000	500	500	



Gas Cutting and Welding Equipment

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