

# Flame Arrester Selection Guide

## For use in venting?

Yes

End-of-Line Flame Arresters

No

In-Line Flame Arresters

Located <50 Diameter  
from the ignition source?

Yes

In-Line  
Deflagration  
Arresters

No

In-Line  
Detonation  
Arresters

All Flame Arresters are  
type-tested to EN ISO 16852  
and approved according to  
ATEX Directive 2014/34/EU.



Please contact  
**Elmac Technologies**<sup>®</sup>  
for assistance



+44 (0) 1352 717 560



enquiries@elmactech.com



www.elmactechnologies.com



# End-of-Line Flame Arresters

## End -of-Line Deflagration Flame Arresters



Model	ATEX Gas Explosion Groups		
	IIA1, IIA	IIB1, IIB2, IIB3	IIB, IIC
ERB	✓	✓	
EVA	✓		
ESA	✓		
EVB	✓	✓	
EHB	✓	✓	
AVC	✓	✓	✓



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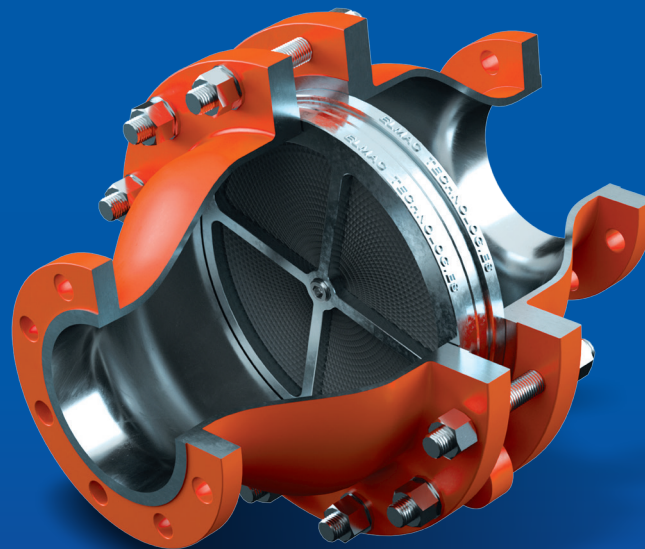
 +44 (0) 1352 717 560  
 [enquiries@elmactech.com](mailto:enquiries@elmactech.com)  
 [www.elmactechnologies.com](http://www.elmactechnologies.com)

# In-Line Deflagration Arresters

## In-Line Deflagration Flame Arresters



Model	ATEX Gas Explosion Groups		
	IIA1, IIA	IIB1, IIB2, IIB3	IIB, IIC
LCA	✓		
LEA	✓		
LCB	✓	✓	
LEB	✓	✓	
SGE	✓	✓	
DFC	✓	✓	✓



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# In-Line Detonation Flame Arresters

## In-Line Detonation Flame Arresters



Model	ATEX Gas Explosion Groups		
	IIA1, IIA	IIB1, IIB2, IIB3	IIB, IIC
UCA	✓		
UEA	✓		
UCB	✓	✓	
UEB	✓	✓	
XCC	✓	✓	✓



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