



## WHESSOE

**A Flame Arrester is a passive explosion protection device designed to prevent the propagation of a flame.**

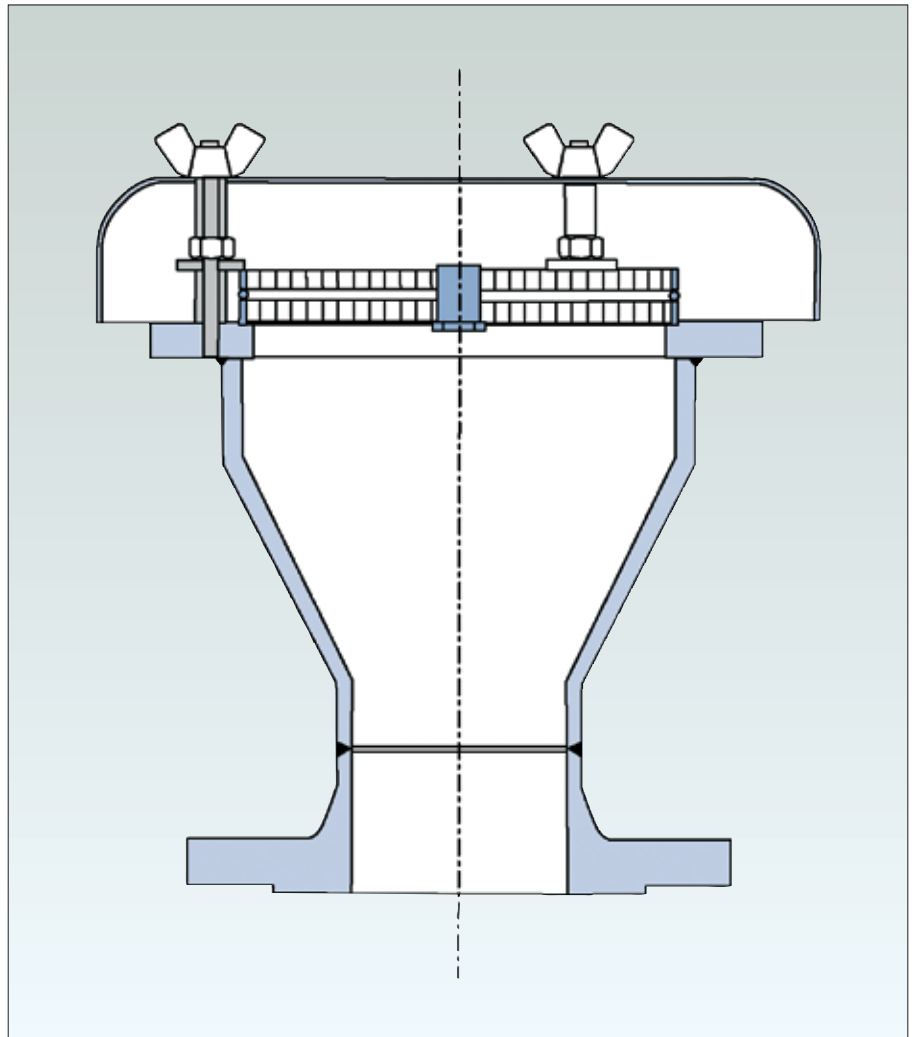
### General

Developed in our in-house Research and Development laboratory, the 500E is an End-of-Line Short Burn Flame Arrester mounted on tanks or on the end of discharge pipes to stop flames entering the process.

The 500E allows short burning only.

### Features & Benefits

- Fabricated design
- Replaceable element design
- Advance crimp metal construction



### Approvals

The 500E is fully approved and certified to the following internationally recognised standards:

- ISO 9001:2008
- Pressure Equipment Directive (PED) 97/23/EC
- ATEX Directive 94/9/EC

End-of-Line Short Burn Flame Arrester  
Model 500E

Materials and flange options

Materials

Carbon St. and Stainless St.

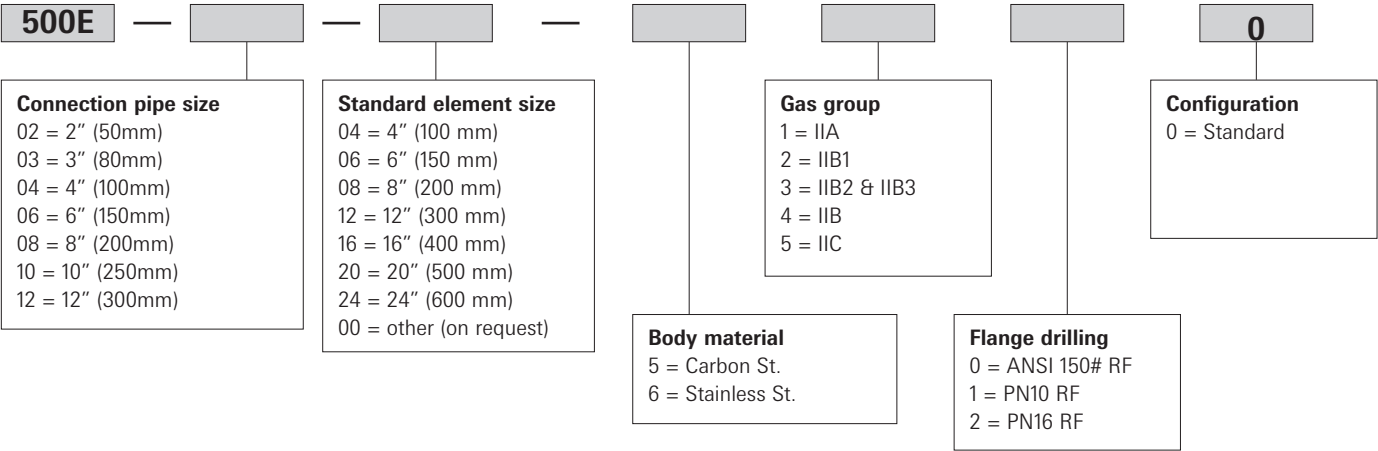
Flange drilling

ANSI 150# RF, PN10 RF, PN16 RF

**Note:** Special material and flanges are available on request.

Connection pipe size	Gas groups
<ul style="list-style-type: none"><li>2"</li><li>3"</li><li>4"</li><li>6"</li><li>8"</li><li>10"</li><li>12"</li></ul>	<ul style="list-style-type: none"><li>IIA</li><li>IIB1</li><li>IIB2</li><li>IIB3</li><li>IIB</li><li>IIC</li></ul>

Figure numbering system



Notes

All sizing and selection must be conducted by the factory.  
Standard elements are double the pipe size.

Flame arrester inquiry form

Please complete this form with as much detail as possible and contact your local Pentair Sales Office with your requirements. Please visit our website for contact details.

Contact details	
Name :	Tel. :
Company :	Fax :
Position :	Email :

Specifications	
Size (please circle)	: 2" 3" 4" 6" 8" 10" 12"
Type of flame arrester	: End of line
Materials* (please circle)	: Carbon steel Stainless steel
Flange* (please circle)	: ANSI 150 RF PN10 RF PN16 RF
Gas group (please circle)	: IIA IIB1 IIB2 IIB3 IIB IIC
Flow rates	:
Maximum allowable pressure drop	:
Distance to source of ignition	:

\*Specials available on request  
Accessories also available on request