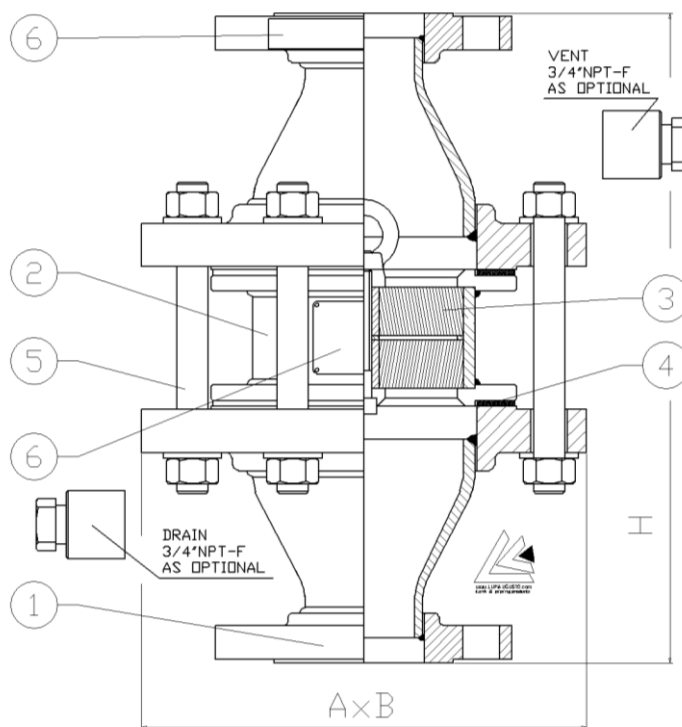


**FIG.422.2 IN-LINE DEFLAGRATION FLAME ARRESTER EN.12874  
ATEX Ex-GIIA, PED, SIZES FROM 2" TO 12"**



LUPI AUGUSTO TANK & PIPING PRODUCTS ITALY tel: +39 069370701 fax: +39 0697847415  
e-mail: [info@lupiaugusto.com](mailto:info@lupiaugusto.com) [lupiaugusto@tiscali.it](mailto:lupiaugusto@tiscali.it) web-site: [www.lupiaugusto.com](http://www.lupiaugusto.com)

Technical data	
Design code	EN.12874 ASME VIII,IX
Design pressure	10 Barg
Design temperature	-10/+250°C for C.S. -120/+250 °C for S.S.
Installation	In-line deflagration, vertical, 45°, bidirectional, max distance from fire source DNx50
Max operating pressure	
Max operating temperature	60 °C
MESG	>0.9
Gas group	IIA
Atex certificate	Ex-GIIA
PED certificate	modules
Factory tested:	-body pressure 19.38 Bar -dimensional
Size	from 2" to 12"
External protection:	Epoxy cycle for C.S. or pickled for S.S.



Dimensions and weights				
DN (xx)	Dimensions (mm)			Weight (kg)
	A	B	H	
1/2"	152	152	250	12
1"	152	152	250	15
2"	230	230	333	27
3"	280	280	422	43
4"	345	345	440	80
6"	483	483	580	135
8"	597	597	897	220
10"	699	699	1211	250
12"	813	813	1232	360

Materials and product codes for Fig.422.2 In-line Deflagration Flame Arrester for Gas Group IIA						
Items	Description	Materials				
1	Body	Carbon steel	SS304L	<b>SS316L</b>	Hastelloy C-276	Carbon steel
2	Housing	SS316L	SS316L	<b>SS316L</b>	Hastelloy C-276	Carbon steel
3	Elements	SS316L	SS316L	<b>SS316L</b>	Hastelloy C-276	SS316L
4	Gaskets			<b>Teflon®</b>		
5	Bolts	Galv.d steel	SS304	<b>SS304</b>	SS304	Galv.d steel
6	Label	SS304	SS304	<b>SS304</b>	SS304	SS304
<b>Product code with Ansi flanges</b>		<b>422.2.xx.101</b>	<b>422.2.xx.103</b>	<b>422.2.xx.105</b>	<b>422.2.xx.107</b>	<b>422.2.xx.109</b>
<b>Product code with UNI flanges</b>		<b>422.2.xx.102</b>	<b>422.2.xx.104</b>	<b>422.2.xx.106</b>	<b>422.2.xx.108</b>	<b>422.2.xx.110</b>

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