



## FLASH™ SUPPRESSION BOTTLES - EAB

### General data sheet

#### Application

EAB explosion suppression bottles are integral components of Flash explosion suppression systems and active chemical barrier systems. These bottles are monitored and activated through the CU-P03 series control unit.

The bottle features a painted steel body housing a kit of extinguishing powder (sodium bicarbonate), a gas generator, and one orifice.

The powder reservoir is fully sealed and maintained at atmospheric pressure. Upon detecting an explosion, the control unit triggers the gas generator, rapidly producing a significant volume of gas to eject the extinguishing powder instantly.

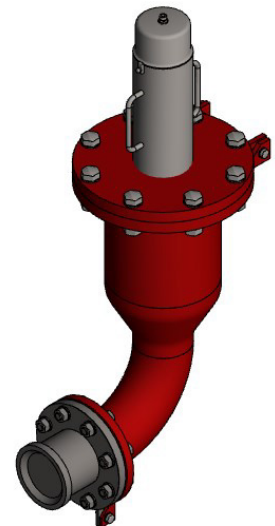
The sodium bicarbonate effectively halts the combustion process, preventing the explosion from escalating into a destructive event.

The EAB bottle is a direct discharge unit with a single outlet, designed for suppressing explosions within enclosed spaces or compartmentalizing explosive events.

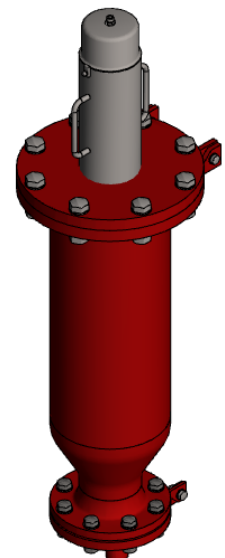
It is available in two sizes: 10L/7kg capacity and 20L/14kg capacity.

#### Benefits

- ◆ Suppression bottle operates without permanent pressure, exempting it from pressurized equipment regulations (PED)
- ◆ Safe handling with no risk of accidental activation
- ◆ Uses food-grade extinguishing powder, ensuring compatibility with food industry applications, EN1935
- ◆ Easy on-site assembly of the powder kit



EAB10-E



EAB20-V



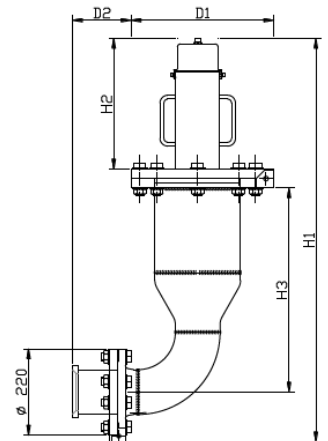


## FLASH™ SUPPRESSION BOTTLES - EAB

### Technical data sheet

#### Characteristics EAB-E (angled outlet)

	EAB10E-700cc	EAB20E-700cc	EAB20E-1150cc
Hole diameter (process side)	Ø125 mm		
Material	Painted steel, SS304		
Total weight (kg)	<b>75</b>	<b>99,5</b>	<b>114</b>
...Gas generator	16,5	16,5	31
...Powder kit	11,5	22	22
...Suppression bottle	47	61	61
Dimensions (H1 mm)	<b>1038</b>	<b>1328</b>	<b>1420</b>
...H2 mm	345	345	434
...H3 mm	521	811	811
...D1 mm		365	
...D2 mm		150	



#### Characteristics EAB-V (straight outlet)

	EAB10V-700cc	EAB20V-700cc	EAB20V-1150cc
Hole diameter (process side)	Ø125 mm		
Material	Painted steel, SS304		
Total weight (kg)	<b>74</b>	<b>98,5</b>	<b>113</b>
...Gas generator	16,5	16,5	31
...Powder kit	11,5	22	22
...Suppression bottle	46	60	60
Dimensions (H1 mm)	<b>927</b>	<b>1217</b>	<b>1306</b>
...H2 mm	345	345	434
...D1 mm		365	

