



STORAGETECH®

An ERGIL Group Brand



ATEX approved 

DETONATION FLAME ARRESTER

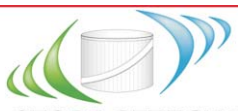
model number 320

Product Description

Storagetech Model Number 320 detonation flame arrester is a safety device that has a flame barrier with a large number of defined passage gaps, whose gap cross section is set with regard to the properties of the flowing gas, is cooled effectively and secured against a flame flashback in the case of continuous combustion by the fact that second gaps having a smaller gap cross section are arranged adjacent to the first gaps having the selected gap cross section. The detonation arrester is designed to withstand higher pressures than the flame arrester and quench detonations. This in-line detonation flame arrester is designed to be installed in a pipeline where there is a significant distance between the arrester and the potential source of ignition, or where the pipe is not straight and smooth, and there may be roughness, obstructions, bends, junctions or changes in section in the intervening pipework. They are typically mounted to a flange or pipe, which connects the vapor space of a storage tank or a pipeline.

Product Benefits

- StorageTech flame arrester Model 340 provides safety. It blocks the flame and does not allow flame travel through a pipeline or any in-out-let.
- Protects environment. Flame arrester prevents your facility against fire that is caused by explosions.
- Stop the shockwaves and controls the flashback explosions.



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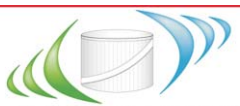
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Key Features

- Storagetech PVV Model 320 internal materials are AISI 316 or 304 stainless steel
- Easy to clean internal materials.
- Easy to install. You do not need a special tool or experience to install the Storagetech flame arrester Model 320.
- Storagetech PVV Model 320 comes with the paint color you choose. Standard manufacturing comes with API 150 class flange; however other flange types are available on request

Manufacturing Materials

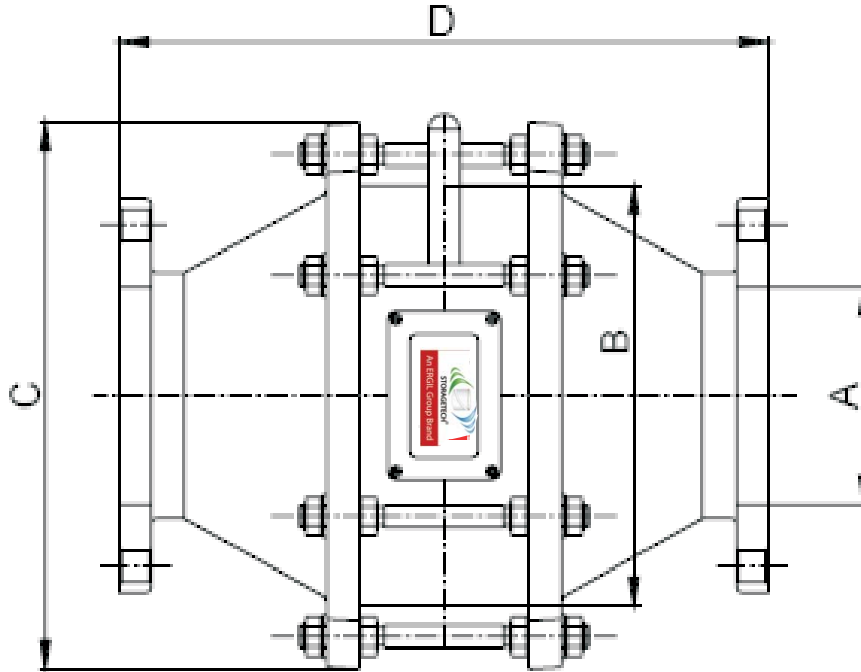
Housing	Cell	Gas Group
Carbon Steel	304 S.S.	IIB
304 S.S.	316 S.S.	
316 S.S.		
Aluminum		



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Dimension and Weights



Model	A Nominal Conn. Size Inch (mm)	B Housing Size Inch (mm)	C Outside Dimeter Inch (mm)	D Overall Length Inch (mm)	Approx. Wt. Weight Lb. (Kg)
340	2 (52)	5 (127)	7 (180)	9 (229)	27 (12.3)
340	3 (80)	7-1/5 (183)	10 (250)	11 (281)	51.6 (23.2)
340	4 (110)	9-1/2 (242)	9-5/6 (250)	16-1/2 (418)	87.8 (39.5)
340	6 (154)	13-1/2 (342)	13-1/3 (338)	18-1/9 (460)	160.8 (72.4)
340	8 (203)	14-3/17 (360)	20-1/2 (438)	19 (480)	222 (100)
340	10 (255)	19-1/3 (490)	22-1/7 (570)	19-3/7 (494)	3533.1 (158.9)
340	12 (304)	26-1/2 (675)	31 (785)	25-7/12 (650)	602.4 (271.1)

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