

STORAGETECH®

An ERGIL Group Brand



ATEX approved



## IN-LINE FLAME ARRESTER

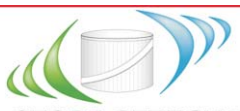
model number 300

### Product Description

Storagetech Model Number 300 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. They are typically mounted to a flange or pipe, which connects the vapor space of a storagetank or a pipeline.

### Product Benefits

- StorageTech flame arrester Model 300 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.



**STORAGETECH®**

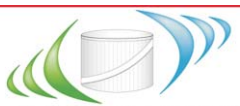
An ERGIL Group Brand

## Key Features

- StorageTech PVV Model 310 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 310.
- StorageTech PVV Model 310 comes with the paint color you choose.
- Standard manufacturing comes with API 150 class flange; however other flange types are available on request.
- Protection cap is manufactured from aluminum material.

## Manufacturing Materials

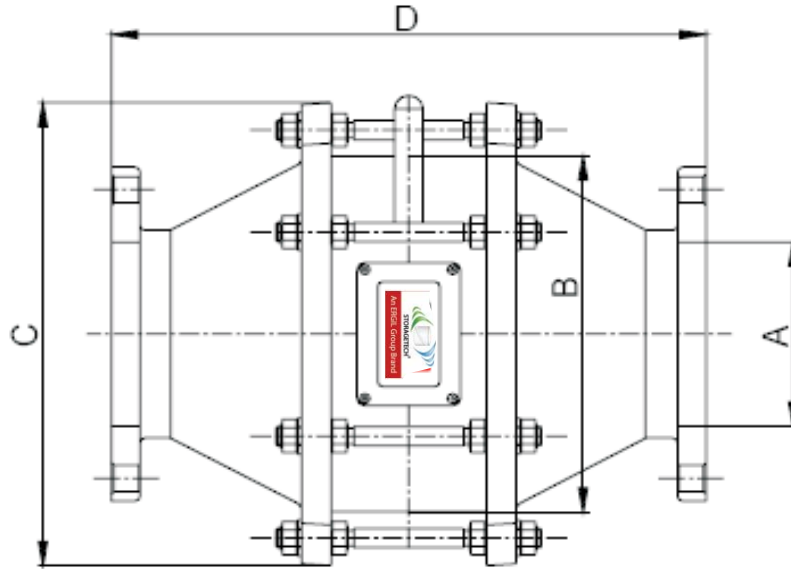
Housing	Cell	Gas Group
<b>Carbon Steel</b>	<b>304 S.S.</b>	<b>IIA</b>
<b>304 S.S.</b>	<b>316 S.S</b>	<b>IIB</b>
<b>316 S.S</b>		
<b>Aluminum</b>		
<b>Cast Iron</b>		



STORAGETECH®

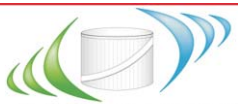
An ERGIL Group Brand

## Dimension and Weights



Model	A Nominal Conn. Inch (mm)	B Housing Size Inch (mm)	C Outside Diameter Inch (mm)	D Overall Length Inch (mm)	Approximate Weight Lb. (Kg)
300	2 (52)	5 (127)	7 (180)	9 (229)	27 (12.3)
300	3 (80)	7-1/5(183)	10 (250)	11 (281)	51.6 (23.2)
300	4 (110)	9-1/2 (242)	9-5/6 (250)	16-1/2 (418)	87.8 (39.5)
300	6 (154)	13-1/2 (342)	13-1/3(338)	15-1/9 (460)	160.8 (72.4)
300	8 (203)	14-3/17 (360)	17-1/4 (438)	19 (480)	222 (100)
300	10 (255)	19-1/3 (490)	22-3/7 (570)	19-3/7 (494)	353.1 (158.9)
300	12 (304)	26-1/2 (675)	31 (785)	25-7/12 (650)	602.4 (271.1)

Dimension and Weights

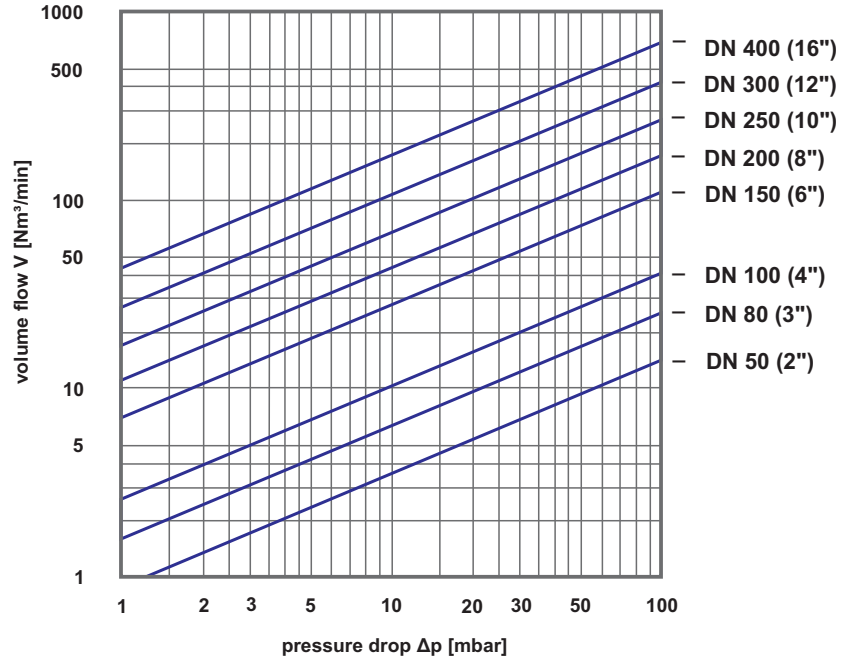


STORAGETECH®

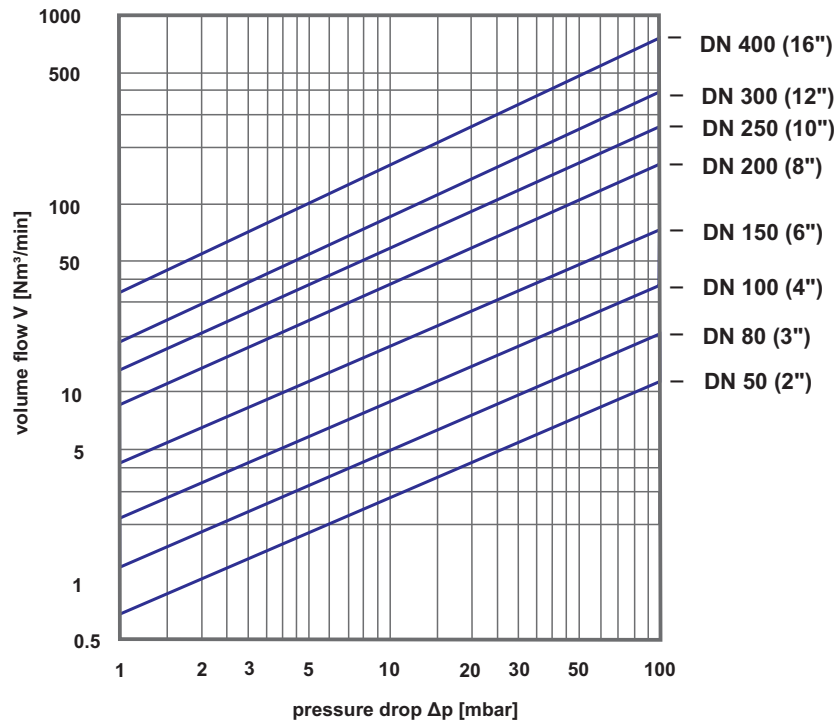
An ERGIL Group Brand

## Flow Capacity Curves

### II A Group



### II B Group



capacities



[www.ergil-storagetech.com](http://www.ergil-storagetech.com)