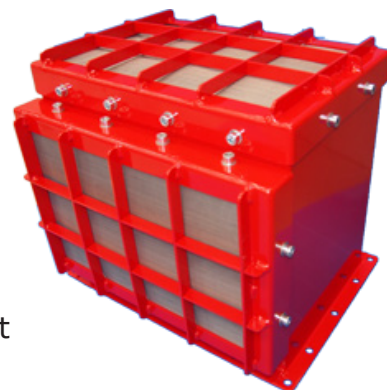


Flameless Explosion Venting FC

Adix Flameless Explosion Venting is designed to vent explosions without flame and without risk.

This system combined with Adix Vent Panels, quenches the explosion flame, freeing the excess pressure in order to protect the equipment and personnel.

The vent panel incorporated in the flameless venting opens and the explosion expands throughout the entire surface. This is made of special mesh designed to retain incandescent particles and flames. Additionally, it works to achieve sufficient cool-down of the combustion gasses, and reduces the effects of pressure waves and noise.



Reference	Exterior Measurements (mm)					$V_{1FC, \text{max. tested}}$ (m ³)	Eff. A_V (m ²)*
	L	x	W	x	H		
FC350x200	350	x	206	x	287	1	0,025
FC550x250	550	x	306	x	338	3	0,06
FC537x385	537	x	441	x	472	3	0,10
FC496x496	496	x	552	x	583	3	0,12
FC690x425	690	x	481	x	512	6	0,15
FC670x570	670	x	626	x	657	6	0,21
FC880x530	880	x	586	x	617	6	0,26
FC1000666	1000	x	722	x	753	20	0,25
FC1000x1000	1000	x	1056	x	1087	20	0,47

* Effective venting area considered for test volume and St1 products.

For Kst 200 to 250 or other volumes, consult efficiencies.

** Supplied without vent panel.

Technical Features:

- Max. Pred admissible: 0,5 barg
- $Kst_{\text{max}} < 250$ bar m/sec
- $P_{\text{max}} : 10$ barg
- Working Temperature: -20°C to 70°C
- Suitable for melting products (consult efficiencies)
- Casing built in: Carbon Steel, Stainless Steel or Aluminium
- ATEX Certification: LOM08ATEX7038X according to EN16009

