

### SINGLE ELEMENT VENT SUITABLE FOR HYGIENIC APPLICATIONS TYPE SANI-V/A®

#### DESCRIPTION

Fike's unique, high performance SANI-V/A® explosion vent for demanding 'clean' applications, designed:

- to simplify handling and to minimize the risk for damage during installation by using lightweight materials
- to meet or exceed the requirements per European norms EN 14797 and EN 14491, and the NFPA 68 standard
- to meet or exceed the specific needs for Clean in Place / Steam in Place production environments

The SANI-V/A explosion vent is the only explosion venting device available to the industry that is in full compliance with the requirements of the 3A hygienic / sanitary industry standards.

#### FEATURES AND BENEFITS

- Crevice free design
- Full aseptic design
- Leak proof until burst
- Minimized risk for accidental contamination
- No extra mounting frame, saving materials and labour costs
- Protected sealing element
- Optimum relief area
- Compliance with European ATEX Directive
- 3A certified
- Highest venting efficiency
- FDA conform



#### APPROVALS:

- 3A
- ATEX
- EAC
- CE



## SPECIFICATIONS

<b>Type</b> <sup>1</sup>	SANI-V/A®	
<b>Shapes</b>	Rectangular	Round
<b>Materials of Construction (Food Grade Quality)</b>	Wetted parts: 1.4404 (316L SST) Non-wetted parts: 1.4301 (304 SST) Membrane: 1.4404 (316L SST) Seal: Silicone FDA conform	
<b>Maximum Operating Pressure</b>	42.5 mbarg at 22°C	
<b>Maximum Vacuum Rating</b>	-15 mbarg at 22°C	
<b>Burst Pressure / Tolerance</b>	100 ± 25 mbarg at 22°C	
<b>Operating Temperature Range</b> <sup>2</sup>	-40°C up to 110°C continuous	

(1) Sani-V/A can be supplied with an EM BI II burst indicator. Consult Fike for details.

(2) Consult Fike for temperature outside of specified operating temperature range.

## STANDARD DIMENSIONS

Fike offers a range of standard Sani-V/A explosion vents with the following characteristics.

Rectangular Configurations		
Nominal Size in mm	Relief Area in m <sup>2</sup>	External Dimensions in mm
400 x 500	0.194	508 x 608
470 x 570	0.261	578 x 678
500 x 800	0.392	608 x 908
566 x 900	0.500	674 x 1008
900 x 900	0.799	1008 x 1008



Round Configurations <sup>1</sup>		
Diameter in mm	Relief Area in m <sup>2</sup>	External Dimensions in mm
300	0.059	395
400	0.110	483
600	0.260	686
800	0.478	894
900	0.608	995
1000	0.754	1097

(1) For other sizes please contact Fike.