

## SANI-VA AND SANI-VSA

### DESCRIPTION

Fike's unique, high performance Sani-VA and Sani-VSA explosion vents for demanding "clean" applications are designed to:

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

The Sani-VA and Sani-VSA explosion vents are the only explosion venting devices available to the industry that are in full compliance with the requirements of both the 3-A and EHEDG hygienic/sanitary industry standards.

### FEATURES

- Crevice free design
- Full aseptic design
- Positive sealing
- Minimized risk for accidental contamination
- No external mounting frame required, saving materials costs and labor
- Protected sealing element
- Optimum relief area
- Highest venting efficiency
- All materials are FDA compliant

### APPROVALS

- 3-A
- EHEDG
- ATEX



Sani-VA Explosion Vent



Sani-VSA Explosion Vent

Form No. X.1.39.01

## SPECIFICATIONS

Type*:	Sani-VA and Sani-VSA
Shape:	Rectangular
Materials of Construction: (Food Grade Quality)	Wetted Parts: 1.4404 (316L SST) Non-wetted Parts: 1.4301 (304 SST) Membrane: 1.4404 (316L SST) Seal: Silicone FDA compliant
Maximum Operating Pressure:	.62 psig @ 72°F (42.5 mbarg @ 22°C)
Maximum Vacuum Rating:	-.22 psig @ 72°F (-15 mbarg @ 22°C)
Burst Pressure Tolerance:	1.45 psig ± .22 psig @ 72°F (100 mbarg ± 15 mbarg @ 22°C)
Operating Temperature Range**:	-40°F up to 230°F continuous (-40°C up to 110°C continuous)

### Notes:

- \* Sani-VA and Sani-VSA can be supplied with the European EM BI II burst indicator. Consult Fike for details.
- \*\* Consult Fike for temperatures outside of specified operating temperature range.

## DIMENSIONS

Fike offers a range of standard Sani-VA and Sani-VSA explosion vents in rectangular configurations with the following characteristics:

Nominal Size*	Relief Area	External Dimensions AxB
400 mm x 500 mm (16 in x 19.5 in)	0.194 m <sup>2</sup> (2.09 ft <sup>2</sup> )	508 x 608 (20 in x 23.94 in)
470 mm x 570 mm (18.5 in x 22 in)	0.261 m <sup>2</sup> (2.81 ft <sup>2</sup> )	578 x 678 (22.76 in x 26.69 in)
500 mm x 800 mm (19.5 in x 31 in)	0.392 m <sup>2</sup> (4.22 ft <sup>2</sup> )	608 x 908 (23.94 in x 35.75 in)
566 mm x 900 mm (22 in x 35 in)	0.500 m <sup>2</sup> (5.38 ft <sup>2</sup> )	674 x 1008 (26.54 in x 39.68 in)
900 mm x 900 mm (35 in x 35 in)	0.799 m <sup>2</sup> (8.60 ft <sup>2</sup> )	1008 x 1008 (39.68 in x 39.68 in)

### Note:

- \* Nominal size of 300 mm x 900 mm (12 in x 35 in) with a relief area of 0.262 m<sup>2</sup> (2.82 ft<sup>2</sup>) available on request.



Copyright © Fike Corporation All Rights Reserved.  
Form No. X.1.39.01 May, 2010 Specifications are subject to change without notice.