

## 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



Sani-VA Explosion Vent



Sani-VSA Explosion Vent

### APPROVALS:

- 3-A
- EHEDG
- ATEX

### SPECIFICATIONS

Type*:	Sani-VA and Sani-VSA
Shape:	Rectangular
Materials of Construction: (Food Grade Quality)	Wetted Parts: 316L SST (1.4404) Non-wetted Parts: 304 SST (1.4301) Membrane: 316L SST (1.4404) 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
16 in x 19.5 in (400 mm x 500 mm)	2.09 ft <sup>2</sup> (0.194 m <sup>2</sup> )	20 in x 23.94 in (508 mm x 608 mm)
18.5 in x 22 in (470 mm x 570 mm)	2.81 ft <sup>2</sup> (0.261 m <sup>2</sup> )	22.76 in x 26.69 in (578 mm x 678 mm)
19.5 in x 31 in (500 mm x 800 mm)	4.22 ft <sup>2</sup> (0.392 m <sup>2</sup> )	23.94 in x 35.75 in (608 mm x 908 mm)
22 in x 35 in (566 mm x 900 mm)	5.38 ft <sup>2</sup> (0.500 m <sup>2</sup> )	26.54 in x 39.68 in (674 mm x 1008 mm)
35 in x 35 in (900 mm x 900 mm)	8.60 ft <sup>2</sup> (0.799 m <sup>2</sup> )	39.68 in x 39.68 in (1008 mm x 1008 mm)

#### Note:

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

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