

- Spring Loaded Emergency Relief
- Tight Seal
- 1 to 15 PSI Settings
- Sizes 16", 20" and 24"
- Standard Aluminum or SS

The Shand & Jurs 94250 Spring Loaded Emergency Vent

The S & J 94250 Spring Loaded Emergency Vent is an economical solution to emergency venting on higher pressure tanks where weighed pallet systems are impractical. The springs provide a tighter, more economical seal for higher operating pressures. The constant force of the springs immediately reseal the pallet after the overpressure is relieved. This minimizes VOC's and odor emissions.

The 94250 is excellent protection against costly tank roof rupture repair. It is light weight for easy installation and maintenance. Spring loading eliminates the need for heavy weights which permits the higher pressures and larger diameters. Over 80 years of proven design experience insures reliable, trouble free operation. U.S. made high quality corrosion resistant materials provide an extended service life.

SPECIFICATION:

Pressure Setting Range: 1-15 PSIG

Temperature Range: Body and Seal
Options for Process Temperature Ranges of
-70°F to 400°F

Flanges: ANSI and API compatible.
DIN and Custom Sizes
available.

MATERIAL OF CONSTRUCTION:

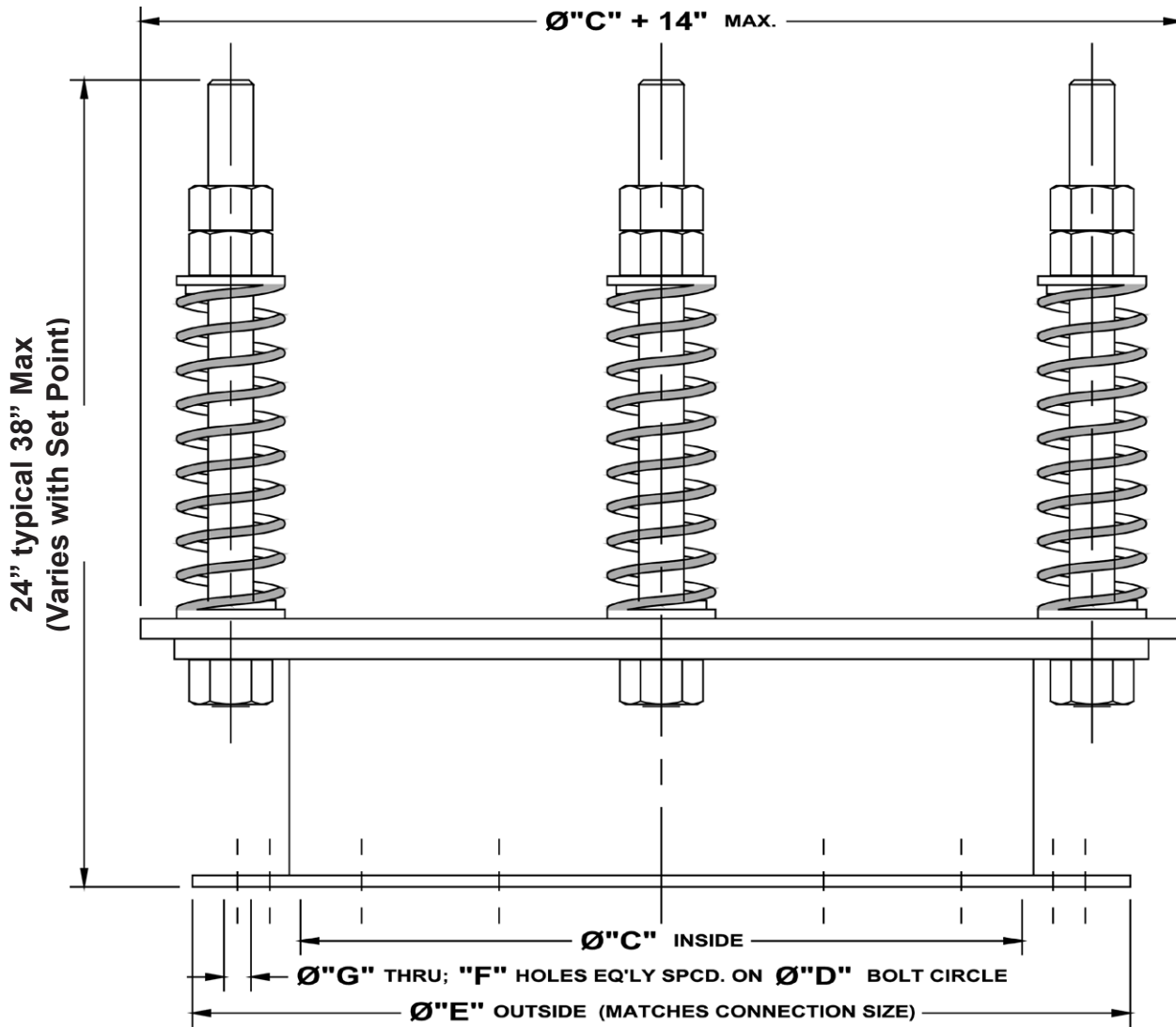
Base: Aluminum, CS, 316SS

Cover: CS, 316SS

Spring: Steel, (Stainless Steel optional)

Seal: Buna, Viton, EPDM, Teflon

SPECIFICATIONS

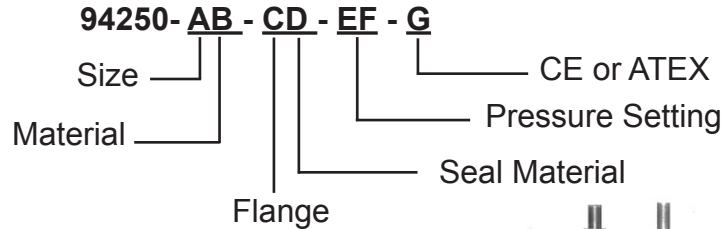


Vent Size	Connection Matching Size	Diameter "C"	Diameter "D" Bolt Circle	Diameter "E"	Holes "F"	Diameter "G"
16"	16" 125 lb./150 lb. ANSI	16	21 1/4	23 1/2	16	1 1/8
20"	20" API Roof Manhole	20	23 1/2	26	16	3/4
20"	20" 125 lb./150 lb. ANSI	20	25	27 1/2	20	1 1/4
24"	24" API Roof Manhole	24	27 1/2	30	20	3/4
24"	24" 125 lb./150 lb. ANSI	24	29 1/2	32	20	1 3/8

Other connection sizes available

MODEL NUMBER SELECTION:

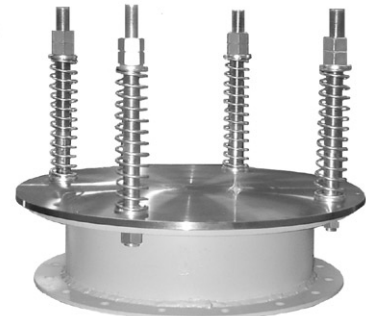
The model number will consist of a base number 94250 followed by three 2 digit numbers and one 1 digit number, which represent the options listed in the following tables.



ORDERING INFORMATION

Specify:

1. Model 94250 Spring Loaded Emergency Vent
2. Size Required
3. Base and Cover Material
4. Pressure Setting
5. Flange Configuration
6. Seal Material
7. CE for Ordinary EU Locations, specify G1.
8. ATEX Certification for Group IIB, IIA EU Locations, specify G2



NOTE: Models with ATEX Certification are Available for Options EF = 01 thru 07

TABLE I (AB) - SIZE & MATERIAL

SIZE (INCHES)	MATERIAL	OPTION (AB)
16	STEEL	11
16	SS 316	12
16	AL	13
20	STEEL	21
20	SS 316	22
20	AL	23
24	STEEL	31
24	SS 316	32
24	AL	33

TABLE III (EF) - PRESSURE RANGE

OPTION (EF)	PRESSURE RANGE
01	0.5 - 1.0
02	1.1 - 2.0
03	2.1 - 3.0
04	3.1 - 4.0
05	4.1 - 5.0
06	5.1 - 6.0
07	6.1 - 7.0
08	7.1 - 8.0
09	8.1 - 9.0
10	9.1 - 10.0
11	10.1 - 11.0
12	11.1 - 12.0
13	12.1 - 13.0
14	13.1 - 14.0
15	14.1 - 15.0

TABLE II (C)(D) - FLANGE & SEAL MATERIAL**

FLANGE	OPTION (C)	SEAL MATERIAL	OPTION (D)
ANSI 125/150 lb FF	1	BUNA	0
*API 650 FF	2	VITON	1
ANSI 150 lb RF	3	EPDM	2
(STL, SS ONLY)		TEFLON ENCAPSULATED	3

Note: Minimum Set Pressure: .5 PSIG

TABLE IV (G) - CE or ATEX CERTIFICATION

OPTION (G)	CLASSIFICATION
0	STANDARD
1	CE MARK
2	ATEX CERTIFICATION

CE/ATEX option not available for pressure > .5 Bar (7.5 PSIG)