

94570 Combination Conservation Vent and Flame Arrester

The Shand and Jurs 94570 Combination Conservation Vent and Flame Arrester is a single, easy to configure package providing for pressure and vacuum relief, as well as positive flame stop on low pressure tanks containing flammable liquids or solvents having a low flash point.

The conservation vent features cushion seated diaphragms constructed of FEP Teflon for reliability and extended service life. For high reliability, the pressure and vacuum pallets are both peripherally and center stem guided.

The Shand & Jurs Model 94020 Conservation Vent is designed utilizing over 90 years of experience in producing high quality and dependable conservation fittings. Continued design improvements provide these vents with high efficiency, maximum flow capacity and minimum leakage. The easily serviceable configuration and lightweight construction reduces maintenance and installation costs.

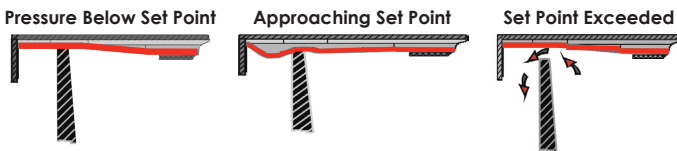
Diaphragms are air cushion seated and are constructed of FEP Teflon for reliability and extended service life. Teflon diaphragms contribute to high resistance to adhesion of ice and gum formations, thus assuring protection against pallet sticking to the seating surface. The body is self-draining and drip rings keep condensates from the seating surfaces. The carefully engineered body, seat, and pallet assembly results in a superior combination of tight sealing and high capacity at low over-pressure with minimal blow down.

The unitized tube bank provides maximum flow while minimizing pressure drop. Both body and tube banks are available in numerous materials to meet the requirements of your site.

Expanda-Seal

Shand & Jurs "Expanda-Seal" option is available on all pressure pallet assemblies. This feature significantly reduces leakage. The ballooning effect of the Teflon diaphragm effectively seals the valve.

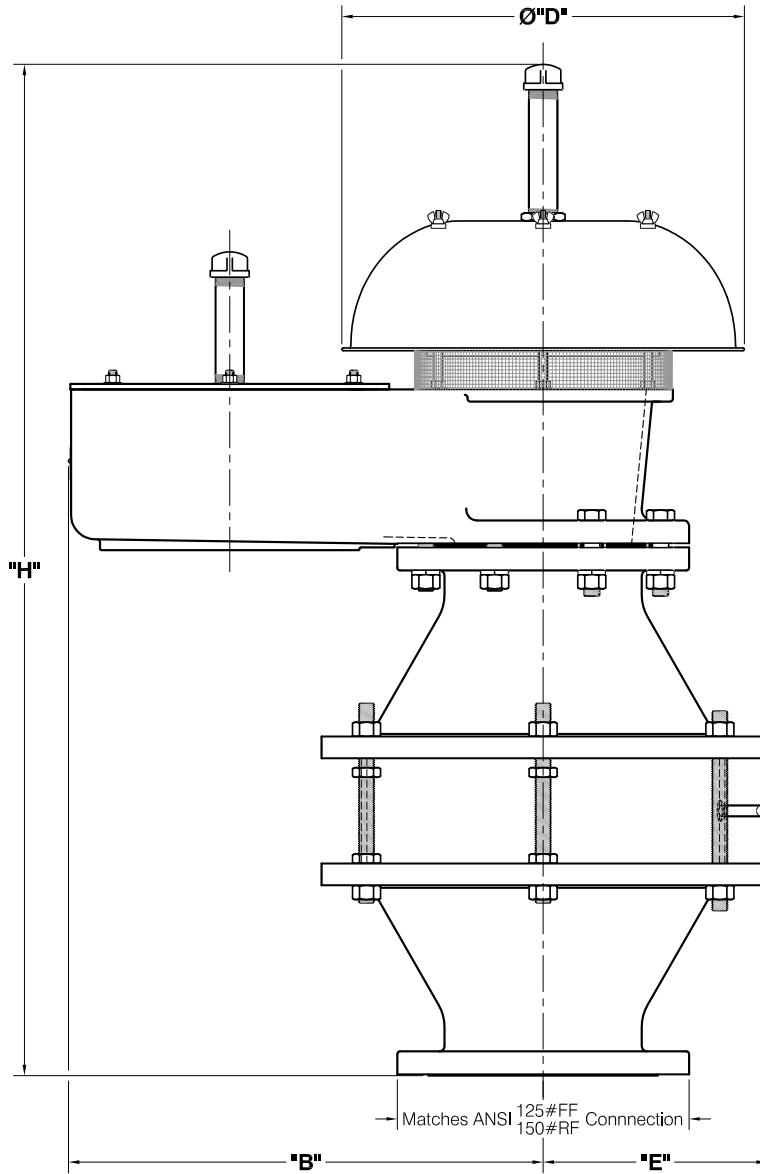
The "Expanda-Seal" feature ensures less than .5 SCFH of air at 95% of the set point.



Features

- 2"-12" Sizes ANSI and EN1092 available
- Cost effective, dual purpose
- Provides pressure & vacuum relief
- Serves as a barrier between external flame and internal vapors
- Provides protection against flame propagation
- Optional "All Weather" coating, insulation jackets and steam jacketing available
- Open or closed vent configurations

Outline Dimensions



Vent Size	"B"	Diameter "D"	"E"	"H"
2"	8 13/16	12 7/8	7 5/8	26 5/16
3"	11 3/16	13 5/16	8 5/16	29 7/16
4"	13 5/16	15 15/16	6 13/16	33 11/16
6"	16 11/16	18 5/8	8 1/4	38 11/16
8"	20 1/2	18 5/8	10 1/4	45 13/16
10"	24 11/16	25 5/16	12 1/4	57 1/16
12"	29 1/16	29 7/8	14 3/8	65 3/16

All designs subject to change. Certified dimensions and specifications available upon request.