



- Designed for highly corrosive service
- Excellent alternative to coated metal construction
- Provides pressure and/or vacuum relief
- Normal tank breathing prevents excessive product losses
- Controls emissions of toxic and corrosive vapors to the atmosphere

The Shand & Jurs Model 94050 PVC Conservation Valve (Pressure/Vacuum)

The Shand & Jurs PVC Conservation Valves are designed for highly corrosive service where toxic liquids are stored. They are an excellent alternative to coated metal construction, where frequent corrosion due to the presence of pinholes is a problem. PVC valves are intended to provide pressure and/or vacuum relief on atmospheric storage tanks requiring normal venting.

This valve functions in the same manner as standard metal construction pressure/vacuum valves, preventing excessive product evaporation losses due to normal tank breathing. Controlling emissions of toxic and corrosive vapors to the atmosphere is a beneficial consideration.

Available in various venting configurations: pressure only, pressure/ vacuum or vacuum only, with choice of end-of-line or pipeaway styles.

Valve construction is polyvinyl chloride throughout with flat face flanges to match standard A.N.S.I. 150 lb. flanges.

Diaphragms are cushion seated and are constructed of FEP teflon for reliability and extended service life. Valve design utilizes both peripherally and stem guided pallets for dependable operation.

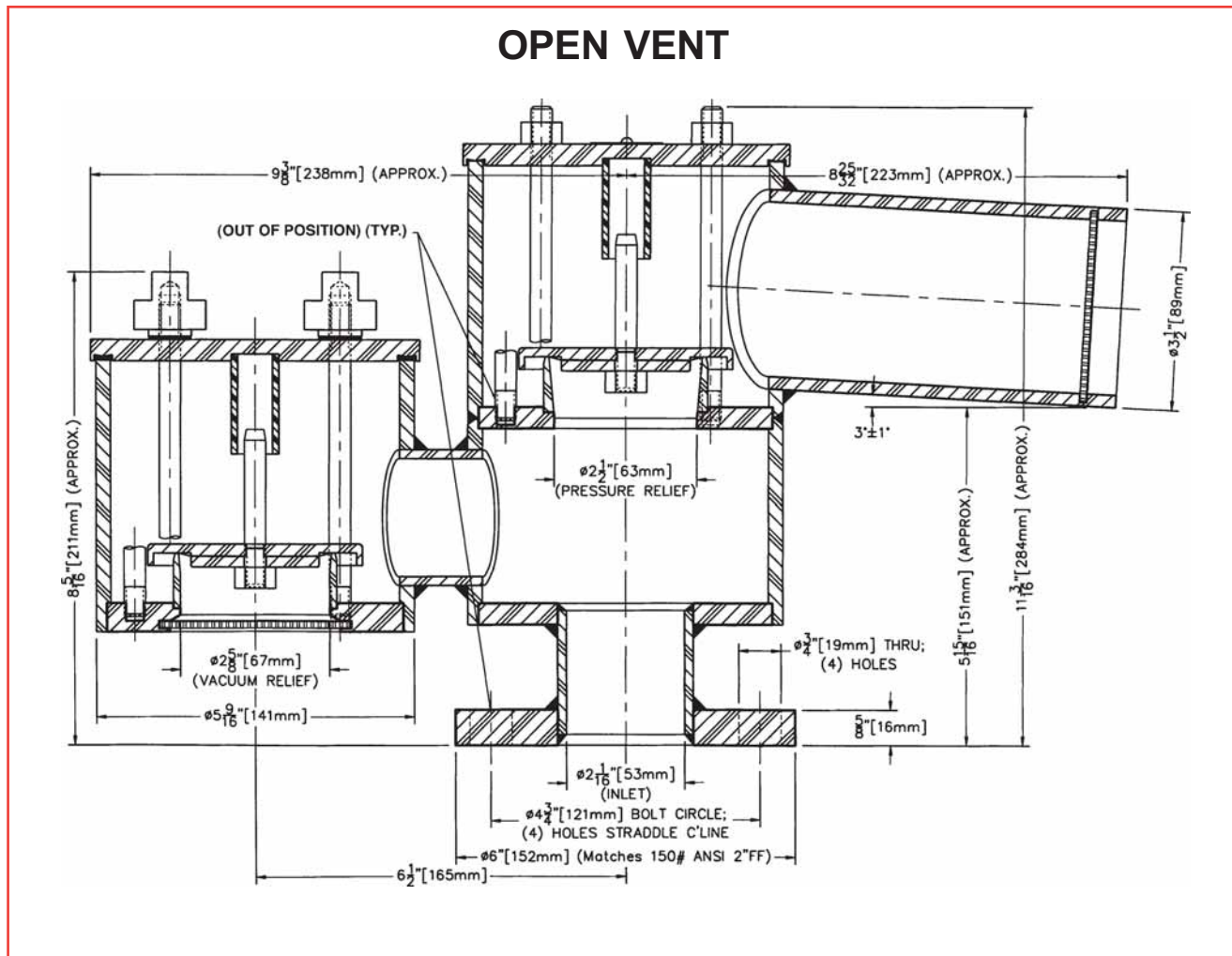
SPECIFICATIONS:

Temperature Range: -20°F to +140°F
 Maximum Settings*:
 Pressure: 8 oz./sq. in.
 Vacuum: 4 oz./sq. in.
 Minimum Settings:
 Pressure: 1/2 oz./sq. in.
 Vacuum: 1/2 oz./sq. in.
 Sizes: 2"- 10"

MATERIALS OF CONSTRUCTION:

Body: PVC
 Cover: PVC
 Seat: PVC
 Pallet: PVC
 Diaphragm: FEP Teflon Film
 Screen: Polyethylene

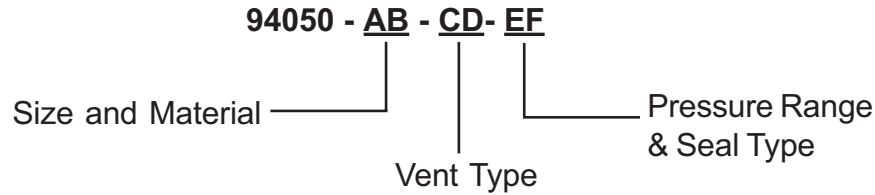
*Consult factory for higher settings. Dimension Drawing for 2" size.
 Consult factory for other size dimensions.



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

MODEL NUMBER SELECTION:

The model number will consist of a base number 94050 followed by three 2 digit numbers which represent the options listed in the following tables.



ORDERING INFORMATION

Specify:

1. Model 94050 Polyvinyl Chloride Conservation Valve
2. Size
3. Pressure and Vacuum Setting

Note: For Closed Vent Models, outlet size is one size larger than inlet size (2" X 3", etc.). Same size inlet and outlet models available.



TABLE I - (AB) SIZE & MATERIAL

OPTION NUMBER	SIZE (INCHES)	BODY MATERIAL
02	2"	PVC
03	3"	PVC
04	4"	PVC
06	6"	PVC
08	8"	PVC
10	10"	PVC

TABLE II - (CD) VENT TYPE*

OPTION NUMBER	VENT TYPE
01	OPEN
02	CLOSED
03	VACUUM

*FOR PRESSURE ONLY - CONSULT FACTORY

TABLE III - (EF) PRESSURE RANGE & SEAL TYPE

OPTION #	DESCRIPTION	MATERIAL
01	Standard Setting	Lead
02	Over 2.9 oz/sq. in.	Lead
03	Standard to 2.9 oz/sq.in.	Lead
04	Standard Setting	316 SS
05	Over 2.9 oz/sq. in. + Table A	316 SS
06	Standard to 2.9 oz/sq.in. + Tbl A	316 SS