



- One piece construction prevents product leakage
- Self Draining Housing prohibits condensate from seating surface
- Simple installation & maintenance
- Valve protection from freezing, binding and clogging
- Optional pipe-away relieves vapors through a flanged connection
- 470 Derakane standard, 411 Derakane and Furan available

The Shand & Jurs Model 94060 Conservation Valve

The Shand & Jurs model 94060 Conservation Valve is constructed of Fiberglass Reinforced Plastic (FRP). It has been designed for superior corrosion resistance in oxidizing environments. The 94060 is ideally suited for a variety of tank storage and product conservation applications. It is applicable for the chemical, petroleum, petrochemical and waste treatment industries. This conservation valve can be utilized at the end of the line allowing vapors to escape into the atmosphere. An optional closed vent design is available to pipe-away hazardous vapors not allowed to be readily released. The 94060 is available in following configurations: (1) pressure/vacuum (OPEN), (2) pressure/vacuum with pipe-away (CLOSED), and (3) pressure only (open or closed)

and (4) vacuum only (VACUUM). Its method of operation allows pallets in the valve housing to open and close permitting the vacuum or pressure relief necessary to remain within permissible settings thus avoiding damage to the tanks.

The weights are resin-coated lead. Available in 2" through 24" sizes with standard ANSI 150# flanges.

The 94060 is easy to install and is completely compatible with existing pipes, valves and tank fittings. Its low initial cost and ease of maintenance make the FRP Conservation Valve an attractive alternative to Stainless Steel, Hastelloy and Monel construction.

SPECIFICATIONS:

Sizes: 2", 3", 4", 6", 8", 10", 12",
(16", 20", 24" Pressure only)

Standard Pressure
& Vacuum Setting: 1/2 oz./sq. in²

Maximum Pressure
Settings: 8 oz./sq. in. (higher set
points available, C.F.)

Maximum Vacuum
Setting: 8 oz./sq. in. (higher set
points available, C.F.)

Flange: To match drilling
150# ANSI flat face or DIN

MATERIALS OF CONSTRUCTION:

Body: Fiberglass and choice of vinyl
ester resins 411 or 470 Durakane.
Furan also available.

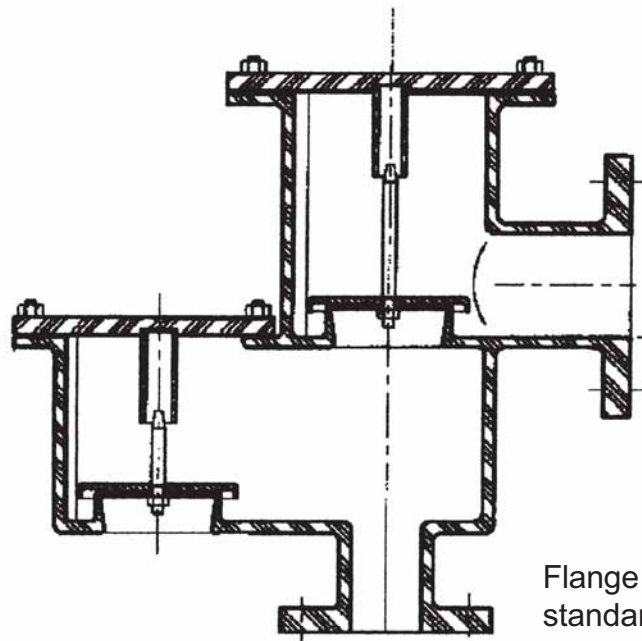
Weights: Resin-coated steel or lead

External
Hardware: 316 S.S. (Hastelloy Optional)

Internal
Stem & Guides: Same material as body

Diaphragm: .. FEP Teflon

PRESSURE/VACUUM WITH PIPE-AWAY (CLOSED) *Bolt Holes Straddle Centerline*



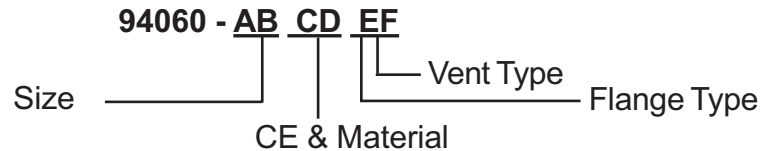
Flange connections match
standard ANSI 150 lb. sizes

Pressure/Vacuum (Open), Pressure Vent only, & Vacuum only not Shown

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

MODEL NUMBER SELECTION:

The model number will consist of a base number 94060 followed by three 2 digit numbers which represent the options listed in the following tables.



ORDERING INFORMATION

Specify:

1. Model 94060 Fiberglass Reinforced Plastic Conservation Vent
2. Type of Size
3. Type of Pressure and Vacuum Setting
4. Temperature Range
5. Flange Type
6. CE for Ordinary EU Locations use Table C1



TABLE I (AB) SIZE

OPTION #	(inches)
02	2"
03	3"
04	4"
06	6"
08	8"
10	10"
12	12"
*16	16"
*20	20"
*24	24"

*FOR PRESSURE ONLY STYLE - CONSULT FACTORY

TABLE II (C) MARKING

OPTION #	DESCRIPTION
0	STANDARD
1	CE

TABLE II (D) MATERIAL

OPTION #	(inches)
01	411 DERAKANE
02	470 DERAKANE
03	FURAN

TABLE III (E) FLANGE TYPE

OPTION #	FLANGE TYPE
0	ANSI 150 #
1	DIN

TABLE III (F) VENT TYPE

OPTION #	DESCRIPTION
1	Open, Pressure & Vacuum
2	Closed, Pressure & Vacuum
3	Open, Vacuum Only
4	Open, Pressure Only
5	Closed, Pressure & Vacuum, Same Size Inlet and Outlet
6	Closed, Pressure Only
7	Closed, Pressure Only, Same Size Inlet and Outlet

PRESSURE SETTING: 1/2 OZ./SQ. INCH (STD)

CONSULT FACTORY FOR OTHER SETTINGS:

MAXIMUM PRESSURE: 8 OZ./SQ. INCH (higher set points available, C.F.)

MAXIMUM VACUUM: 8 OZ./SQ. INCH (higher set points available, C.F.)

*FOR PRESSURE ONLY - CONSULT FACTORY