



Taylor Valve
Technology

9000 SERIES

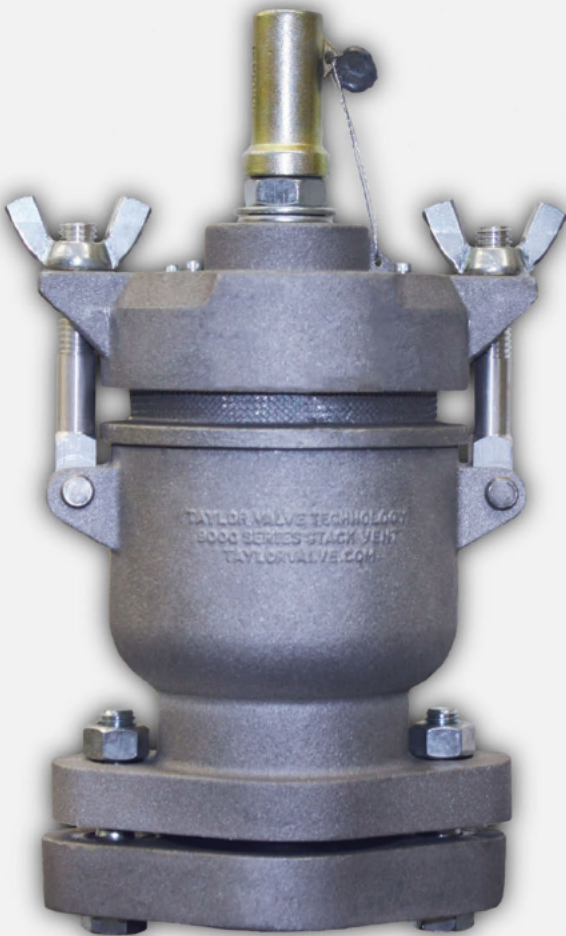
STACK VENT VALVE

Unique.

Precise.

Quality.

Reliable.

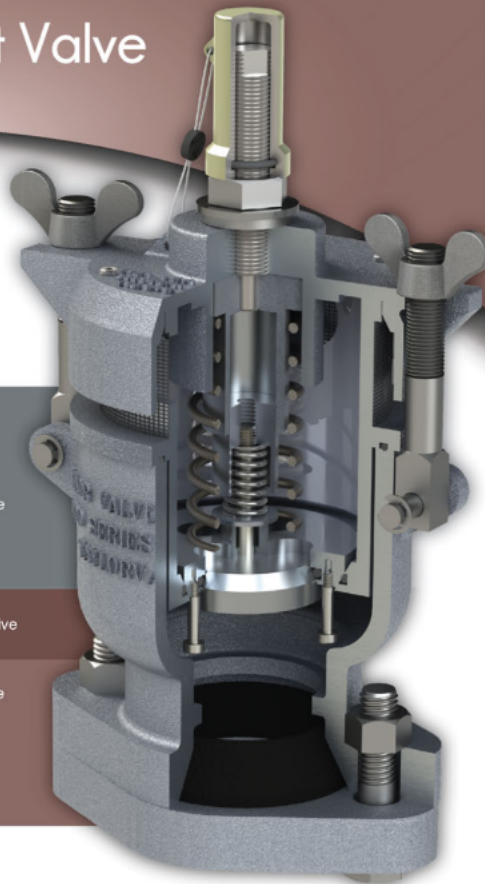


SINCE 1958



9000 Series - Stack Vent Valve

FEATURES & Benefits



The Taylor Valve 9000 Series Stack Vent Valve provides reliable pressure and vacuum protection for storage tanks. The valve opens with a pressure condition that exceeds the set pressure or a vacuum condition that exceeds the pre-determined vacuum setting. The valve returns to a bubble-tight, sealed position once the tank pressure returns to within the desired range.

- A bubble-tight seal is maintained during standard operation, limiting fugitive emissions and product loss.
- A unique canister design allows the critical components of the valve to be quickly and easily replaced.
- Internal, working parts resist corrosion, freezing, sticking, and have a broad operating range (-50 °F to 500 °F).

9000 Series Stack Vent Valve					
Model	Size: In. (mm)	A Height: In. (mm)	B Width: In. (mm)	C Height: In. (mm)	Weight: Lb. (kg)
9020	1 - 2 (25 - 51)	10 (254)	7 (178)	11.5 (292)	6.5 (3)
9040	3 - 4 (76 - 102)	15.25 (387)	11.80 (300)	17 (432)	26.6 (12.1)

Unit weights indicate net weight of valve at a standard set pressure (1.0 oz./sq. in. pressure - 0.4 oz./sq. in. vacuum), and does not include a shipping crate or box.

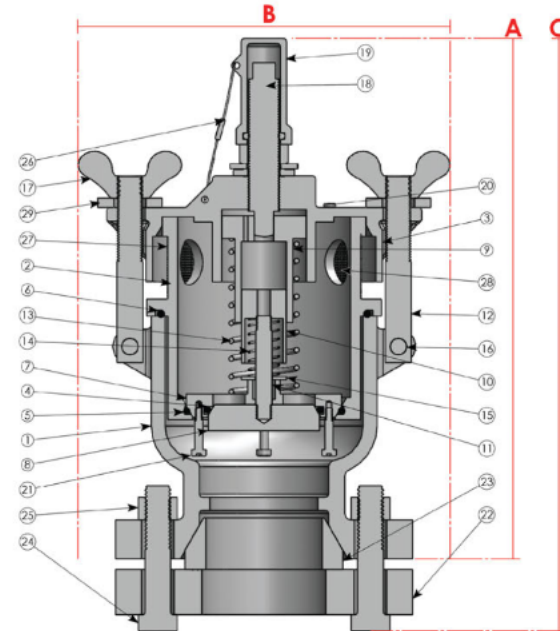
Stack Vent Valve Options			
Model Number	Sizes Available	Pressure Setting	Vacuum Setting
9000 Series	2" (51 mm) through 4" (102 mm)	1.0 to 16.0 oz./sq. in. (4.3 to 69.0 m bar)	0.4 oz./sq. in. (1.7 m bar)

Materials of Construction				
Housing	Discs	Seals	Hardware	Springs
A356 T6 Aluminum	6061 T6 Aluminum	Buna-N or FKM	Zinc Plated C.S.	17 -7 SS



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9000 Series Stack Vent Valve		
Item No.	Description	Material
1	Body	A356 T6 ALUMINUM
2	Cage	A356 T6 ALUMINUM
3	Lid	A356 T6 ALUMINUM
4	Vacuum O-ring	FKM
5	Pressure O-ring	FKM
6	Body O-ring	FKM
7	Pressure Piston	6061 T6 ALUMINUM
8	Vacuum Piston	6061 T6 ALUMINUM
9	Pressure Keeper	6061 T6 ALUMINUM
10	Vacuum Keeper	6061 T6 ALUMINUM
11	Vacuum Adjust	304 SS (2") 6061 T6 ALUM (4")
12	Body Bolt	6061 T6 ALUMINUM
13	Pressure Spring	17-7 PH SS
14	Vacuum Spring	17-7 PH SS
15	Washer (2 INCH ONLY)	1100-H14 ALUMINUM
16	Clvs W/ECLIP	18-8 SS
17	Winged Nut	ZINC/CS
18	ADJ. Screw ASSY.	CS/BUNA
19	Thread Protector ASSY.	CS/BUNA
20	Socket Head Screw	18-8 SS
21	Shoulder Screw	18-8 SS
22	Inlet Flange	A356 T6 ALUMINUM
23	Inlet Flange Seal	FKM
24	Bolt	ZINC/CS
25	Nut	ZINC/CS
26	Lead Seal & Wire	LEAD/STEEL
27	Data Label	304 SS
28	Mesh Screen	304 SS
29	Washer (4 INCH ONLY)	ZINC/CS



Taylor Valve 9000 Series



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Part Number Matrix

990 - A B C D E F G H

SVV BODY SIZE

SPRING RANGE

INLET SIZE

ELASTOMER

A - SVV BODY SIZE

0 - 2" STACK VENT
1 - 4" STACK VENT

BC - SPRING RANGE (OZ / IN²)

2" SVV

4" SVV

00	1.00 - 1.99	1.00 - 3.99
01	2.00 - 2.49	4.00 - 4.99
02	2.50 - 5.00	5.50 - 9.99
03	5.01 - 7.99	10.00 - 16.00
04	8.00 - 9.99	
05	10.00 - 11.99	
06	12.00 - 16.00	

DEF - INLET SIZE

010 1"
015 1 1/2"
020 2"
030 3"
040 4"

GH - ELASTOMER

28 BUNA
32 FKM

EXAMPLE: 990-00502028

990 - 9000 Series Valve
0 - 2" Stack Vent Body
05 - 10.00 [oz / in²] (Spring Range)
020 - 2" (Inlet Size)
28 - Buna (Elastomer)