

Submittal Sheet for Crispin VR Series

3"-4" Vacuum Relief Valve

Air Release Valve manufactured in compliance with ANSI/AWWA C512

Date: 2016

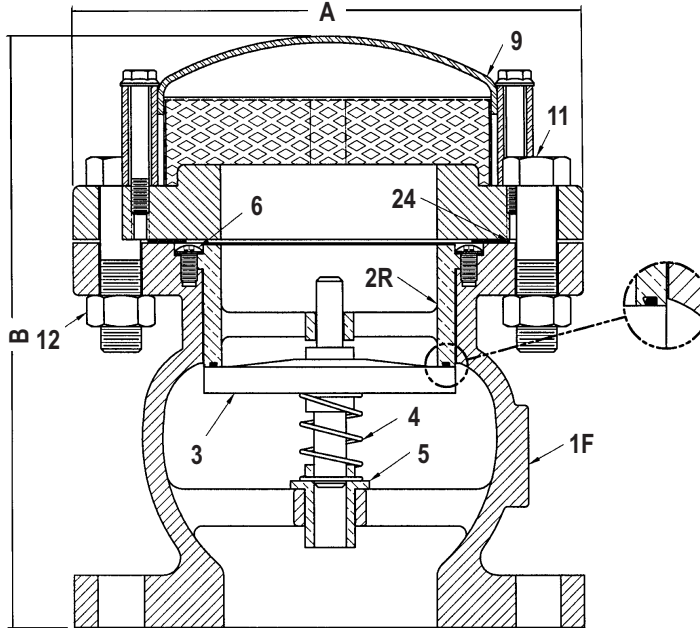


Specifications

Vacuum Relief valve(s) shall be installed at high points in the line, or as directed by the engineer to relieve a vacuum due to column separation or draining the line.

The valve disc shall be center guided and held normally closed by a stainless steel spring. The seat surfaces shall be stainless steel and Buna-N. The minimum flow area, perpendicular to the direction of flow thru the valve, shall be equal to the pipe area. The outlet shall be protected by a hood and screen.

3"-4"—The valve(s) materials shall include a ductile iron body, stainless steel spring, and cast stainless steel disc with a Buna-N seat. The inlet shall be _____ ANSI Class (150, 300) Flange. The valve(s) shall be model _____ as manufactured by Crispin-Multiplex Manufacturing Co., Berwick, PA.



• OPTIONAL TRIM MATERIAL: STAINLESS STEEL

Size Specifications

MODEL	INLET SIZE	OUTLET SIZE	A	B	WEIGHT
VR31	3" 150# FLG.	3" HOODED	7.50	9.50	36
VR33	3" 300# FLG.	3" HOODED	8.25	9.50	52
VR41	4" 150# FLG.	4" HOODED	9.00	11.25	56
VR43	4" 300# FLG.	4" HOODED	10.00	11.50	85

Vacuum Relief Valve Parts List

ITEM	DESCRIPTION	MATERIAL	ASTM
1F	BODY	DUCTILE IRON	A536
2R	RESILIENT SEAT	CAST STAINLESS STEEL/BUNA-N RUBBER	T316/D2000
3	DISC	CAST STAINLESS STEEL	T316
4	SPRING	STAINLESS STEEL	A313
5	BUSHING	STAINLESS STEEL	T316
6	SCREW	STAINLESS STEEL	A193
9	HOOD ASSEMBLY	STEEL	N/A
11	BOLT	STEEL	A307
12	NUT	STEEL	A563
24	FLANGE GASKET	ARMSTRONG N—8092	N/A

SUBMITTAL SHEET FOR VR SERIES

