



# Submittal Sheet for Crispin VR Series

## 6"-24" Vacuum Relief Valve

Air Release Valve manufactured in compliance with ANSI/AWWA C512

Date: 2016

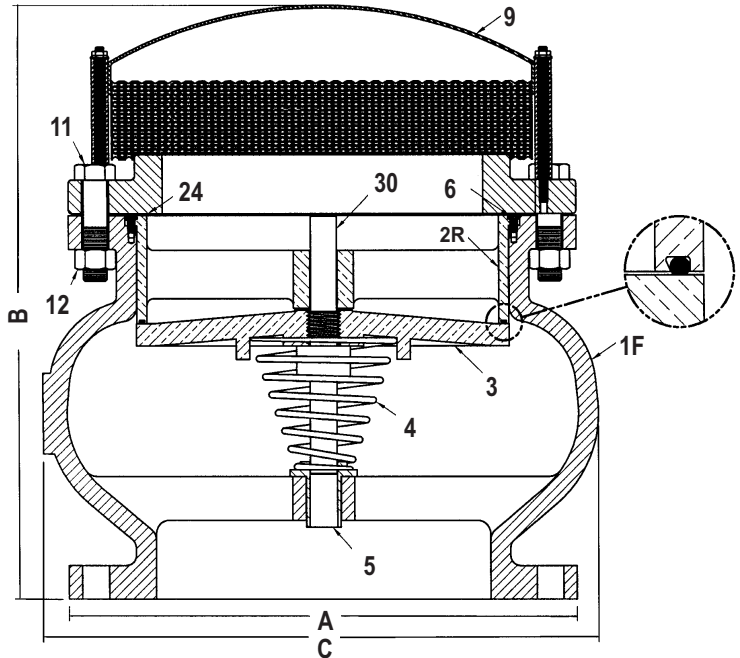
SUBMITTAL SHEET FOR VR SERIES

### 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 bronze 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.

6"-24"—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	C	WGHT.
VR61	6" 150# FLG.	6" HOODED	11.00	14.50		94
VR63	6" 300# FLG.	6" HOODED	12.50	15.00		151
VR81	8" 150# FLG.	8" HOODED	13.50	18.25		158
VR83	8" 300# FLG.	8" HOODED	15.00	18.75		243
VR101	10" 150# FLG.	10" HOODED	16.00	22.25	17.00	269
VR103	10" 300# FLG.	10" HOODED	17.50	22.75	17.00	385
VR121	12" 150# FLG.	12" HOODED	19.00	22.25	20.50	387
VR123	12" 300# FLG.	12" HOODED	20.50	23.00	20.50	562
VR141	14" 150# FLG.	14" HOODED	21.00	24.25	22.50	453
VR143	14" 300# FLG.	14" HOODED	23.00	25.00	22.50	700
VR161	16" 150# FLG.	16" HOODED	23.50	26.75	26.00	580
VR163	16" 300# FLG.	16" HOODED	25.50	27.75	26.00	960
VR181	18" 150# FLG.	18" HOODED	25.00	28.25	29.75	892
VR183	18" 300# FLG.	18" HOODED	28.00	30.00	30.00	1238
VR201	20" 150# FLG.	20" HOODED	27.50	31.00	31.25	1050
VR203	20" 300# FLG.	20" HOODED	30.50	31.00	31.25	1200
VR241	24" 150# FLG.	24" HOODED	32.00	39.25	37.25	1400
VR243	24" 300# FLG.	24" HOODED	36.00	39.25	37.25	1650

### Valve Parts List

ITEM	DESC.	MATERIAL	ASTM
1F	Body	Ductile Iron	A536
2R	Resilient Seat	Cast Stainless Steel/ Buna-N Rubber	T316/ D2000
3	Disc	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	A193
12	Nut	Steel	A194
24	Flange Gasket	Armstrong N-8092	N/A
30	Shaft	Stainless Steel	T316