



# Submittal Sheet for Crispin VR/PL Series

## 4"-10" VR w/Pressure Air Release (1 of 3)

Air Release Valve manufactured in compliance with ANSI/AWWA C512

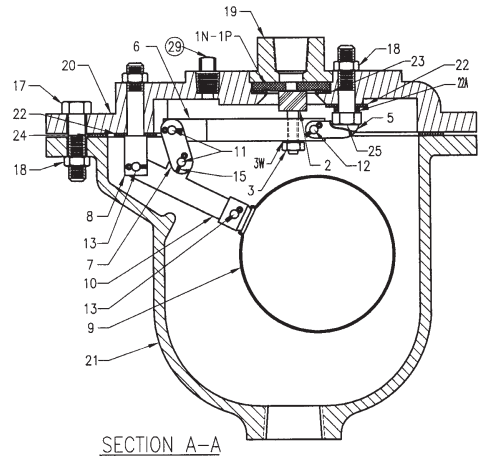
Date: 2016

### 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. All Crispin Valves are hydrostatically tested at 150% of their maximum working pressure.

4"-10"—The valve(s) materials shall include a ductile iron body, stainless steel spring, stainless steel disc, bushing and seat ring 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.

**Option:** A Pressure Air Release Valve shall be piped out of the side of the Vacuum Relief Valve. Refer to the Pressure Air Release Valve Specification.



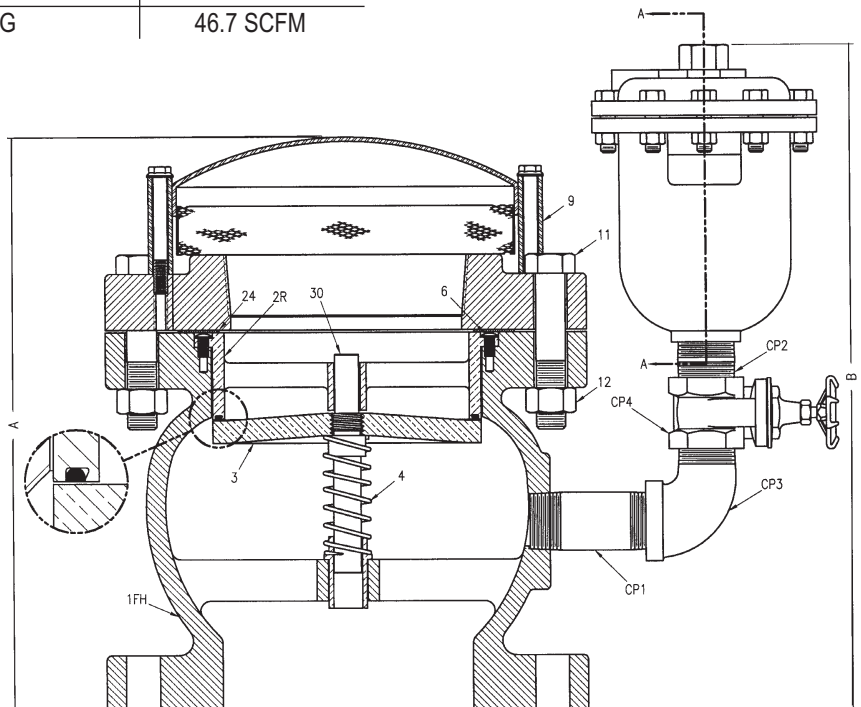
### Orifice Options

DIAMETER	MAXIMUM PRESSURE	DISCHARGE RATE
5/16"	100 PSIG	105 SCFM
1/4"	150 PSIG	98 SCFM
3/16"	200 PSIG	72 SCFM
5/32"	250 PSIG	61.1 SCFM
1/8"	300 PSIG	46.7 SCFM

VR41/43 has a single piece shaft and disc.

Standard operating pressure for Crispin Air Valves is 20 to 150 PSIG. Please check one of the following if your operating needs differ:

- \_\_\_ 2 to 40 PSIG
- \_\_\_ 151 to 300 PSIG



SUBMITTAL FOR VR/PL SERIES