

## Specification: SC Series Surge Check Valves Specification

# SC SERIES SURGE CHECK VALVES SPECIFICATION

SC Series, Sizes 3"-24", AWWA C512

### GENERAL

SC Series Surge Check Valves shall be installed on the inlet of the (Air and Vacuum, Dual, Combination, Deep Well or Universal) valve to eliminate a surge of water from prematurely closing of damaging the Air Release Valve. when draining.

### BODIES

The valve(s) shall be \_\_\_\_\_" ANSI Class (150, 300) flanged, ductile iron construction with bronze valve disc and seat ring and stainless steel spring.

The valve disc shall have drilled holes. These holes allow water to pass after the disc has been seated. The water slowly fills the Air & Vacuum to buoy its float and seal the valve. As the pressure equalizes, a stainless steel spring pushes the disc away from the seat to its original position.

Refer to Air & Vacuum and Pressure Air Release Valve specifications for valve detail.

### OPTION

Where pressures are greater than 300 PSIG, the valve shall be ANSI Class \_\_\_\_\_ flanged inlet connection, and shall have a (steel, stainless steel, or ductile iron) body, top and inlet flange with stainless steel spring and bronze and brass trim.

### ACCEPTABLE MANUFACTURERS

The valve(s) shall be Crispin Model \_\_\_\_\_ as manufactured by Crispin-Multiplex Manufacturing Co., Berwick, PA.



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| <b>PRODUCT LINE</b><br>SC Series Surge Check Valve, Sizes 3"-24" | <b>DATE</b><br>12/18/2023          | <b>REVISION</b><br>0 |
| <b>SHEET</b><br>Specification                                    | <b>DOC. NO.</b><br>D-AV-SC-SPEC-r0 |                      |