

## Valve Overview

All Crispin Air Release, Air & Vacuum and Universal Combination Valves meet or exceed ANSI/AWWA C512 Standards

### Air and Vacuum Valves



#### A, AL Series

Air and Vacuum Valves are designed to vent large quantities of air when filling pipelines, and to allow air to re-enter pipelines when draining to prevent vacuum collapse.

**SIZES: 1/2" THRU 24"**  
Cast iron body with stainless steel trim

### Universal Air Release Valves



#### UL Series

These Valves perform the function of both Air & Vacuum and Pressure Air Valves, permitting the application of various pressure orifice sizes for a range of air volume requirements under varying pressures. The design saves space and reduces cost.

**SIZES: 2" THRU 8"**  
Cast iron body with stainless steel trim

### Combination Air Valves



#### C Series

Combination Air Valves consist of Air and Vacuum Valves and a Pressure Valve mounted in a single body, providing the integrity of a single body casting while permitting each valve to operate as a separate unit.

**SIZES: 1/2" THRU 10"**  
Cast iron body with bronze and stainless steel trim

### Surge Check Valves



#### SC Series

Surge Check Valves are used on the inlet of the Air and Vacuum, Deep Well, Combination, Dual and Universal Valves to help prevent valve damage when surges occur.

**SIZES: 3" THRU 24"**  
Cast iron body with stainless steel and bronze trim

### Pressure Air Release Valves



#### PL Series

Pressure Air Valves are used for the venting of accumulating air while the system is in service and pressurized.

**SIZES: 1" THRU 2"**  
Cast iron body with stainless steel trim

**SIZES: 2 1/2" THRU 6"**  
Cast iron body with bronze trim and stainless steel float

### Dual Air Valves



#### AL/PL Series

Dual Air Valves are offered with a Pressure Air Valve piped out of the side of an Air & Vacuum Valve, providing a variety of combinations to meet specific air release requirements.

**SIZES: 1/2" THRU 24"**  
Air and vacuum piped to 3/8" thru 4" pressure air release valve.

### Deep Well Air Valves



#### DL Series

Deep Well Air Valves have an adjustable top which controls the velocity of air discharged from the valve. It also helps prevent float chatter, and premature closure of the valve mounted on the discharge side of the pump.

**SIZES: 1/2" THRU 6"**  
Cast iron body with stainless steel trim

### Negative Pressure Air Valves



#### N Series

Negative Pressure Air Valves are applied where the interest is only in venting air to the atmosphere, and not permitting air to re-enter the system under vacuum.

**SIZES: 1/2" AND 4"**  
Cast iron body with bronze trim and stainless steel float

All Crispin Air Release, Air & Vacuum and Universal Combination Valves meet or exceed ANSI/AWWA C512 Standards

## Valve Overview

### Pressure Air Release Valves (AR)



#### PL Series

##### LOW VOLUME

The Crispin Low Capacity Pressure Air Release Valve continuously and automatically vents accumulations of air under pressure.

**SIZES: 1/2" THRU 1"**  
Cast iron body with stainless steel trim

### Pressure Air Release Valves



#### SL Series

Pressure Air Release Valves have a long body to keep liquid waste and solids away from working parts. These valves vent accumulations of air and gas while the system is in operation and under pressure.

**SIZES: 2" THRU 6"**  
Cast iron body with stainless steel trim

### Universal Sewer Air Release Valves



#### US Series

The Universal Sewer Air Release Valve performs the function of both the Air and Vacuum and Pressure Sewer Valves. This is accomplished all in one valve body.

**SIZES: 2" THRU 6"**  
Cast iron body with stainless steel trim

### Pump Protector

#### WLC Series



**SIZES: 1" THRU 4"**  
Cast iron body with stainless steel float and trim

A Pump Protector is an Air Release Valve mounted in parallel with a liquid level sensing device. If the point of application should become airbound, the level switch will either shut down a pump, or open or close an electric circuit of an alarm system.

### Midget Air Valves



#### M Series

Midget Air Valves are used on hot and cold water systems, including irrigation systems where the venting of small accumulations of air is required while the system is in service and under pressure.

**SIZES: 3/8" THRU 1"**  
Cast iron body with stainless steel trim

### Air and Vacuum Sewer Valves



#### SA Series

These valves have a long body with the float near the bottom. The liquid waste containing solid remains low and away from working parts, venting the pipe line when filling, and permitting air to re-enter to relieve a vacuum.

**SIZES: 2" THRU 10"**  
Cast iron body with stainless steel trim

### Combination Sewer Valves



#### S/SL Series

The Air & Vacuum Sewer Valve and the Pressure Sewer Air Release Valve can be piped together to perform a dual function at the high point. After the S Valve relieves the large volume of air in the line and seats, the SL continues to release entrapped air and gas accumulations, while the system is in operation.

### Vacuum Relief Valves



#### VR Series

The VR Valve allows air to enter the system when a negative pressure occurs, but prevents air from being released under positive conditions, except through an optional small orifice Air Release Valve.

**SIZES: 3" THRU 36"**  
Cast iron body with bronze and stainless steel trim



## Valve Overview

All Crispin Air Release, Air & Vacuum and Universal Combination Valves meet or exceed ANSI/AWWA C512 Standards

### Tilting Disc Check Valves



#### TD Series

**SIZES: 2" THRU 72"**  
Cast iron body with aluminum bronze and stainless-steel seat rings

The Crispin Tilting Disc Valve uses superior design and function to provide the most efficient and solid approach to controlling flow reversal, with a head loss lower than that of most any other check valve made.

### Globe Silent Check Valves



#### GC Series

Mounted vertically or horizontally, these valves are designed to close before the pump stops, preventing flow reversal, and eliminating water hammer and system surges. ANSI Class 125 & Class 250.

**SIZES: 2 1/2" THRU 36"**  
Cast iron body with bronze trim and stainless steel spring

### Wafer Silent Check Valves



#### WC Series

These valves have the same operating body configured for the Globe Check valve, but are offered in a configuration that allows placement between two flanges. ANSI Class 125 and Class 250.

**SIZES: 2" THRU 10"**  
Cast iron body with bronze trim and stainless steel spring

### Thermally Activated Valves



#### TAV Series

These Valves provide: freeze protection for valves and pipe lines; scald protection for eye wash stations and safety showers; heat tracing for valves and pumps; steam trap/drip trap capabilities.

**SIZE: 1/2"**  
Stainless steel and brass construction

### Swing Check Valves



#### SWC/SWL SERIES

The SWC provides users of Crispin products with AWWA C-508-1 solutions for more arduous Check Valve applications, including sewage and slurry. The SWL offers a simple and cost-effective approach to basic applications.

**SIZES: 2" THRU 36"**  
Available in both Class 125 and Class 250.

### Rubber Flapper Check Valves



#### RF Series

**SIZES: 2" THRU 24"**  
Epoxy-coated ductile iron body with steel-reinforced Buna-N Rubber Flapper

A versatile and cost-effective solution, the Rubber Flapper Check Valve provides a smaller stroke than conventional swing check valves, reducing slamming while offering a strong, quick seal.

### Foot Valves



#### FV Series

Foot Valves help to maintain pump prime upon pump outage.

**SIZES: 2" THRU 36"**  
Cast iron body, bronze disc and seat ring, resilient seat, stainless steel spring

### Tangential Flow Air Eliminator



#### AE Series

The Tangential Flow Air Eliminator separates large or small slugs of air from liquid systems while the system is in operation.

**SIZES: 2" THRU 24"**  
ASME code tank with cast iron body and stainless steel trim air release valve