

AL Series Air & Vacuum Valves, Sizes 1/2"-24", AWWA C512

CRISPIN AL SERIES SPECIFICATIONS BY SIZE

Air & Vacuum Valve(s) shall be installed at high points in the main line or as directed by the engineer to release the air in the main during filling, or allow it to enter the system when draining, or when the system is subject to negative pressure. The valve(s) shall operate by sealing the Buna-N rubber outlet seat with a peripheral float as the liquid enters the valve chamber to raise the float. All Crispin Valves are hydrostatically tested at 150% of their maximum working pressure.

1/2 SIZE ADDENDUMS AND OPTIONS

The valve(s) shall be constructed with a cast iron body, and top flange with stainless steel trim, and shall have a _____" NPT screwed inlet and outlet, or ANSI Class (125, 250) flanged inlet with NPT screwed outlet. The peripheral guided float shall be stainless steel.

Option: A vent cap shall be supplied to prevent debris from entering the outlet of the valve.

1"-4" SIZE ADDENDUMS AND OPTIONS

The valve(s) shall be constructed with a cast iron body, and top flange with stainless steel trim, and shall have a _____" NPT screwed inlet and outlet, or ANSI Class (125, 250) flanged inlet with NPT screwed outlet. The peripheral guided float shall be stainless steel.

Option: A protectop shall be supplied to prevent debris from entering the outlet of the valve.

6"-10" SIZE ADDENDUMS AND OPTIONS

The valve(s) shall be constructed with a cast iron body, and cover flange with stainless steel trim, and shall have a _____ ANSI Class (125, 250) flanged inlet. The peripheral guided float shall be stainless steel.

Option: A protectop shall be supplied to prevent debris from entering the outlet of the valve.

12"-24" SIZE ADDENDUMS AND OPTIONS

The valve(s) shall be constructed with a cast iron body, and cover flange with stainless steel trim, and shall have a _____ ANSI Class (125, 250) flanged inlet. The peripheral guided float shall be stainless steel.

Option: A hood shall be supplied to prevent debris from entering the outlet of the valve.

Standard operating pressure for Crispin A Series 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.

Option: [Where pressures are greater than 300 PSIG] the valves shall be ANSI Class _____ flanged inlet connection, and shall have a (steel, stainless steel or ductile iron) body, top and inlet flange.

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



PRODUCT LINE AL SERIES AIR & VACUUM VALVE, 1/2"-24"	DATE 10/17/2023	REVISION 0
SHEET AL Series Specification, 1/2'-24	DOC. NO. D-AV-AL-SPEC-r0	