

CRISPIN AL-D SERIES SPECIFICATIONS BY SIZE

The AL-D Series Air & Vacuum Valve with Diffuser shall be installed on the discharge side of the pump, so that the volume of air exiting the pump along with the liquid can be easily vented and controlled without hampering the operation of the Air Release Valve. The Diffuser functions to break up the solid stream of water entering the valve.

The valve(s) shall operate by sealing the Buna-N rubber outlet seat with a peripheral guided float as the liquid enters the valve chamber to raise the float. The valve(s) shall satisfactorily withstand hydrostatic pressures of 300 PSIG.

1/2"-1" SIZE ADDENDUMS AND OPTIONS

The valve(s) shall be _____" NPT screwed inlet and outlet connection with a cast iron body and top-flange with all stainless steel trim. The peripheral guided ball float shall be stainless steel.

Option: Where pressures are greater than 300 PSIG, the valve(s) shall have a (steel, stainless steel, or ductile iron) body, top and inlet flange.

2"-4" SIZE ADDENDUMS AND OPTIONS

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

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.

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

Standard operating pressure for Crispin AL-D 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.

The valve(s) shall be Crispin Model _____ Air & Vacuum Release Valves with Diffuser as manufactured by Crispin-Multiplex Manufacturing Co., Berwick, PA.



PRODUCT LINE AL-D SERIES AIR & VACUUM VALVE, 1/2"-4"	DATE 12/1/2023	REVISION 0
SHEET AL-D Series Specification	DOC. NO. D-AV-AL-D-SPEC-r0	