

AL-D SERIES AIR & VACUUM VALVE

AL-D SERIES ADVANTAGES

- ✓ Available in Sizes 1/2"-4"
- ✓ AWWA C512 Compliant
- ✓ NSF 61 and NSF 372 Certified
- ✓ In-the-Field Exhaust Control
- ✓ Prevents Chatter and Premature Closure
- ✓ Peripheral Guide System for Unobstructed Closure
- ✓ Drip Tight Closure Beyond 4-5 PSIG

AL-D SERIES OPTIONS

- ✓ Both NPT Screwed and ANSI Flanges Available
- ✓ Available in AIS, BA, BAN and BB Configurations
- ✓ Optional Fusion Bonded Epoxy
- ✓ Optional Ductile Iron Body
- ✓ 3 Pressure Ratings Offered
- ✓ Optional Protectop

The Crispin AL-D Series Air and Vacuum Valve with Diffuser is 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, all without hampering the operation of the air valve. The diffuser functions to break up the solid stream of water entering the valve.

The valve operates 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.

In sizes 1/2" thru 4", the valve is constructed with a cast iron body, and a top flange with all stainless steel trim. It is available with an NPT screwed inlet and outlet, or an ANSI Class (125,250) flanged inlet with NPT screwed outlet. It also features a peripheral guided float ball made of stainless steel.

Several options are available for this valve. The optional protectop prevents debris from entering the outlet of the valve. The valve is also available with a steel, stainless steel or ductile iron body, top and inlet flange. The standard operating pressure for Crispin AL-D Series Valves is 20 to 150 PSIG. However, additional operating pressures are offered in 2 to 40 PSIG and 151 to 300 PSIG.

AL-D Series Dimensional Data

MODEL	INLET	OUTLET	HEIGHT (B)	WIDTH (A)	WEIGHT (LBS)
A5-D	1/2" NPT	1/2" NPT	4.81"	4.75"	8
AL10-D	1" NPT	1" NPT	6.25"	6.25"	18
AL20-D	2" NPT	2" NPT	9.75"	8.75"	46
AL21-D	2" 125# flg	2" NPT	13.25"	8.75"	48
AL22-D	2" 250# flg	2" NPT	13.38"	8.75"	51

MODEL	INLET	OUTLET	HEIGHT (B)	WIDTH (A)	WEIGHT (LBS)
AL30-D	3" NPT	3" NPT	11.75"	11.50"	77
AL31-D	3" 125# flg	3" NPT	15.75"	11.50"	91
AL32-D	3" 250# flg	3" NPT	16.00"	11.50"	99
AL40-D	4" NPT	4" NPT	14.50"	14"	156
AL41-D	4" 125# flg	4" NPT	17.25"	14"	172
AL42-D	4" 250# flg	4" NPT	17.56"	14"	183

Certified dimensions are available upon request.



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