

ASCO Scientific AL and AM Series valves are micro-miniature general service valves designed to control the flow of non-corrosive liquids and gases.

- Two way (2/2) Normally Closed (opens when energized)
- Three way (3/2) Universal (can function as NC, NO, diverter of 1 fluid, or selector of 2 fluids) operation.
- Small size (.75" dia. x 1.5" height), Reduced power, Long life
- Sized with #10-32 UNF thread or Male #10-32 UNF mounting stud

Micro-Miniature

Pipe Size	Orifice (ins.)	Cv Flow	Maximum Pressure (psi)	Body Material	Sealing Material	Valve Catalog Number and Order Code	Voltage	Watt Rating @ 20°C	Approx. Shipping Weight (oz.)
2/2 Normally Closed - Inline									
#10-32 UNF	0.025	0.015	110	POM	FKM	AL1124	24/DC	0.65	1.3
						AL1112	12/DC	0.65	
	0.055	0.038	50	POM	FKM	AL2124	24/DC	0.65	
						AL2112	12/DC	0.65	
						AL3124	24/DC	2.0	
						AL3112	12/DC	2.0	
0.090	0.07	30	POM	FKM	AL4124	24/DC	2.0		
					AL4112	12/DC	2.0		
3/2 Universal Operation - Inline									
#10-32 UNF	0.025/0.025	0.015/0.013	110	POM	FKM	AL1324	24/DC	0.65	1.3
						AL1312	12/DC	0.65	
	0.055/0.048	0.038/0.033	50	POM	FKM	AL2324	24/DC	0.65	
						AL2312	12/DC	0.65	
						AL3324	24/DC	2.0	
						AL3312	12/DC	2.0	
	0.090/0.078	0.07/0.06	30	POM	FKM	AL4324	24/DC	2.0	
						AL4312	12/DC	2.0	



Mounting Stud	Orifice (ins.)	Cv Flow	Maximum Pressure (psi)	Body Material	Sealing Material	Valve Catalog Number and Order Code	Voltage	Watt Rating @ 20°C	Approx. Shipping Weight (oz.)
2/2 Normally Closed - Manifold Mount									
#10-32 UNF	0.025	0.015	110	POM	FKM	AM1124	24/DC	0.65	1.3
						AM1112	12/DC	0.65	
	0.055	0.038	50	POM	FKM	AM2124	24/DC	0.65	
						AM2112	12/DC	0.65	
						AM3124	24/DC	2.0	
						AM3112	12/DC	2.0	
0.090	0.07	30	POM	FKM	AM4124	24/DC	2.0		
					AM4112	12/DC	2.0		
3/2 Universal Operation - Manifold Mount									
#10-32 UNF	0.025/0.025	0.015/0.013	110	POM	FKM	AM1324	24/DC	0.65	1.3
						AM1312	12/DC	0.65	
	0.055/0.048	0.038/0.033	50	POM	FKM	AM2324	24/DC	0.65	
						AM2312	12/DC	0.65	
						AM3324	24/DC	2.0	
						AM3312	12/DC	2.0	
	0.090/0.078	0.07/0.06	30	POM	FKM	AM4324	24/DC	2.0	
						AM4312	12/DC	2.0	



ASCO Scientific 462 Series valves are micro-miniature inert isolation valves designed to control the flow of corrosive or high purity fluids.

- Three way (3/2) Universal (can function as NC, NO, diverter of 1 fluid, or selector of 2 fluids) operation
- PEEK, PTFE, and Kalrez (Dupont Trademark) wetted materials only

Pipe Size	Orifice (ins.)	Cv Flow	Body Material	Maximum Pressure (psi)	Valve Catalog Number and Order Code	Voltage	Watt Rating @ 20°C	Approx. Shipping Weight (oz.)
3/2 Universal Operation								
1/4 - 28 UNF Flat Bottom	0.062	0.034	PEEK	30	462312PF24	24/DC	2.8	3.2
					462312PF12	12/DC	2.8	

