

PLUMBING

Solenoid Valves & Globe Control Valves



ASCO Red-Hat[®] Lead-Free, 2-Way Normally Closed Solenoid Valves

- Max. fluid temp.: 180°F
- NEMA rating: 4X

These durable solenoid valves feature a brass body and a rugged design that provides long life and low internal leakage. This normally closed, 2-way valve has 1 inlet and 1 outlet pipe connection and is closed when de-energized and open when energized. Suitable for use with air, inert gas, light oil, and potable water.

Note: See Mfr. Model number for voltage that applies to each solenoid valve.

Pipe Size	Orifice Dia.	Cv	Coil Insulation Class	Min. Oper. Press. Differential	Max. Oper. Press. Differential			Watts	Mfr. Model	Item No.	
					Inert Gas	Water	Light Oil				
1/8 in	1/8 in	0.3	F	0 psi	185 psi	180 psi	120 psi	6.1 W	8262H002LF 120/60, 110/50	53AY01	
		0.3	F	0 psi	185 psi	180 psi	120 psi	6.1 W	8262H002LF 240/60, 220/50	53AY02	
		0.3	H	0 psi	130 psi	110 psi	95 psi	10.6 W	8262H002LF 12/DC	53AY03	
	3/16 in	3/16 in	0.3	H	0 psi	130 psi	110 psi	95 psi	10.6 W	8262H002LF 24/DC	53AY04
			0.18	F	0 psi	370 psi	330 psi	160 psi	6.1 W	8262H020LF 120/60, 110/50	53AY05
			0.18	F	0 psi	370 psi	330 psi	160 psi	6.1 W	8262H020LF 240/60, 220/50	53AY06
1/4 in	1/4 in	0.18	H	0 psi	235 psi	160 psi	160 psi	10.6 W	8262H020LF 12/DC	53AY07	
		0.18	H	0 psi	235 psi	160 psi	160 psi	10.6 W	8262H020LF 24/DC	53AY08	
		0.3	F	0 psi	185 psi	180 psi	90 psi	6.1 W	8262H022LF 120/60, 110/50	53AY09	
	3/8 in	3/8 in	0.3	F	0 psi	185 psi	180 psi	90 psi	6.1 W	8262H022LF 240/60, 220/50	53AY10
			0.3	H	0 psi	130 psi	110 psi	90 psi	10.6 W	8262H022LF 12/DC	53AY11
			0.3	H	0 psi	130 psi	110 psi	90 psi	10.6 W	8262H022LF 24/DC	53AY12
1/2 in	1/2 in	0.63	F	0 psi	100 psi	100 psi	100 psi	10.1 W	8262H208LF 120/60, 110/50	53AY13	
		0.63	F	0 psi	100 psi	100 psi	100 psi	10.1 W	8262H208LF 240/60, 220/50	53AY14	
		0.63	H	0 psi	35 psi	35 psi	35 psi	11.6 W	8262H208LF 12/DC	53AY15	
	3/4 in	3/4 in	0.45	F	0 psi	210 psi	185 psi	100 psi	10.1 W	8263H200LF 120/60, 110/50	53AY17
			0.45	F	0 psi	210 psi	185 psi	100 psi	10.1 W	8263H200LF 240/60, 220/50	53AY18
			0.45	H	0 psi	65 psi	63 psi	50 psi	11.6 W	8263H200LF 12/DC	53AY19
3/8 in	3/8 in	0.45	H	0 psi	65 psi	63 psi	50 psi	11.6 W	8263H200LF 24/DC	53AY20	
		4.0	F	0 psi	40 psi	40 psi	—	11.6 W	8210G094LF 12/DC	53AY27	
		4.0	F	0 psi	40 psi	40 psi	—	11.6 W	8210G094LF 24/DC	53AY28	
	1/2 in	1/2 in	4.0	F	0 psi	125 psi	100 psi	100 psi	11.6 W	8210G002LF 12/DC	53AY23
			4.0	F	0 psi	125 psi	100 psi	100 psi	11.6 W	8210G002LF 24/DC	53AY24
			4.0	F	0 psi	150 psi	150 psi	—	10.1 W	8210G094LF 120/60, 110/50	53AY25
3/4 in	3/4 in	4.0	F	0 psi	150 psi	150 psi	—	10.1 W	8210G094LF 240/60, 220/50	53AY26	
		4.0	F	5 psi	200 psi	150 psi	135 psi	6.1 W	8210G002LF 120/60, 110/50	53AY21	
		4.0	F	0 psi	200 psi	150 psi	135 psi	6.1 W	8210G002LF 240/60, 220/50	53AY22	
	1 in	1 in	5.0	F	0 psi	40 psi	40 psi	—	11.6 W	8210G095LF 12/DC	53AY35
			5.0	F	0 psi	40 psi	40 psi	40 psi	11.6 W	8210G095LF 24/DC	53AY36
			5.0	F	0 psi	100 psi	90 psi	75 psi	11.6 W	8210G009LF 12/DC	53AY31
1 in	1 in	5.0	F	5 psi	100 psi	90 psi	75 psi	11.6 W	8210G009LF 24/DC	53AY32	
		5.0	F	5 psi	125 psi	125 psi	125 psi	6.1 W	8210G009LF 120/60, 110/50	53AY29	
		5.0	F	5 psi	125 psi	125 psi	125 psi	6.1 W	8210G009LF 240/60, 220/50	53AY30	
	1 in	1 in	5.0	F	0 psi	150 psi	150 psi	—	10.1 W	8210G095LF 120/60, 110/50	53AY33
			5.0	F	0 psi	150 psi	150 psi	—	10.1 W	8210G095LF 240/60, 220/50	53AY34
			13.0	F	5 psi	125 psi	100 psi	125 psi	11.6 W	8210G004LF 24/DC	53AY40
1 in	1 in	13.0	F	5 psi	150 psi	100 psi	150 psi	6.1 W	8210G004LF 120/60, 110/50	53AY37	
		13.0	F	5 psi	150 psi	100 psi	150 psi	6.1 W	8210G004LF 240/60, 220/50	53AY38	
		13.0	F	5 psi	150 psi	100 psi	150 psi	11.6 W	8210G004LF 12/DC	53AY39	

PLAST-O-MATIC VALVES, INC. PVC and Polypropylene Solenoid Valves

- Max. fluid temp: 140°F PVC, 180°F polypropylene

Feature an innovative Fail Dry design that provides a visual warning of seal malfunction. Bellows barrier-type dynamic seal helps prevent fugitive emissions from leaking. Rugged thermoplastic body resists corrosion and has no wetted metal parts. Valves are 2-way and 3-way with spring return. Normally

closed and direct-acting with a push-pull plunger design. Can handle pressure drain or vacuum applications (3-way pressure only), without pressure to aid in opening the valve. Pilot-operated valves require a minimum differential of 5 psi. For use in severe service applications with most liquids, including acids, caustics, chlorine solutions, solvents, and ultra-pure fluids. Use with Replacement Solenoid Valve Coils 11K485 to 11K492, sold separately on Grainger.com.



39P432



11K457

Pipe Size	Orifice Dia.	Cv	Min. Oper. Press. Differential	Safe Working Water Press.	Body Material - Valves	
					PVC Item No.	Polypropylene Item No.
Direct Acting, 2-Way/2-Position, Normally Closed						
1/4 in	3/16 in	0.5	0 psi	140 psi	11K455	—
	1/8 in	0.8	0 psi	70 psi	11K456	11K460
	3/16 in	1.2	0 psi	140 psi	39P432	39P434
1/2 in	3/16 in	0.5	0 psi	140 psi	11K457	11K461
	1/4 in	0.8	0 psi	70 psi	11K458	11K462
	3/8 in	1.2	0 psi	140 psi	39P433	39P435
3/4 in	3/8 in	2	0 psi	125 psi	39P436	39P439
	1/2 in	3.2	0 psi	58 psi	39P437	39P440
	1 in	4.2	0 psi	15 psi	39P438	39P441
Direct Acting, 3-Way/2-Position, Universal						
1/4 in	3/16 in	0.52	0 psi	70 psi	39P445	—
	1/8 in	0.61	0 psi	40 psi	39P446	—
Pilot Operated, 2-Way/2-Position, Normally Closed						
1/2 in	5/64 in	5.2	5 psi	140 psi	11K463	11K475
3/4 in	5/64 in	7.6	5 psi	140 psi	11K465	11K477
1 in	5/64 in	9.5	5 psi	140 psi	11K467	11K479
1 1/2 in	1 1/64 in	28	5 psi	140 psi	11K469	11K481
2 in	1 1/64 in	35	5 psi	140 psi	11K471	11K483
3 in	3 in	80	5 psi	140 psi	11K473	—
Pilot Operated, 2-Way/2-Position, Normally Closed - EPDM Gaskets						
1/2 in	5/64 in	5.2	5 psi	140 psi	11K464	11K476
3/4 in	5/64 in	7.6	5 psi	140 psi	11K466	11K478
1 in	5/64 in	9.5	5 psi	140 psi	11K468	11K480
1 1/2 in	1 1/64 in	28	5 psi	140 psi	11K470	11K482
2 in	1 1/64 in	35	5 psi	140 psi	11K472	11K484
3 in	3 in	80	5 psi	140 psi	11K474	—

HAYWARD SV Series True-Union PVC and CPVC Solenoid Valves

- 120VAC
- Max. pressure: 120 psi
- Max. flow: 5 fpm

Socket/threaded connection operates with no pressure differential; made for operation in harsh, corrosive conditions. Easy-to-replace seal cartridge and plunger assemblies allow quick field repair. Normally closed.



3CDZ4

Pipe Size	Orifice Dia.	Cv	Seal Material	PVC Body Max. Fluid Temp.	Item No.	CPVC Body		Item No.
						Seal Material	Max. Fluid Temp.	
1/2 in	3/8 in	2.3	—	140 °F	3CDY5	EPDM	190 °F	3CEP3
		2.3	EPDM		3CDZ2	FPM	190 °F	3CEN6
3/4 in	3/8 in	3.2	—	3CDY7	EPDM	190 °F	3CEP5	
		3.2	EPDM	3CDZ4	FPM	190 °F	3CEN8	
1 in	3/8 in	3.8	—	3CDY9	EPDM	190 °F	3CEP7	
		3.8	EPDM	3CDZ6	FPM	190 °F	3CEP1	

SPENCE

Pneumatic Actuated Globe Control Valves

- Max. steam pressure: 250 SWP
- Temp. range: 0° to 400°F
- 2-pc.; stainless steel seats

Globe-style, severe-duty, high-capacity spring return valves work off increasing 20 psig max. control signal. Valves come with a pneumatic actuator and operate fail-close, air-to-open. Bronze construction and FNPT connection. Use for heating or cooling with air, steam, water, and other liquids. Meet ANSI B16.15 Class 250 or ANSI B16.1 Class 125.



1RXC3

Pipe Size	Max. Input Air Pressure	Mfr. Model	Item No.
1/2 in	400 psi	K1TC811-36RA	1RXC3
3/4 in	300 psi	K1TD811-36RC	1RXC4
1 in	250 psi	K1TE811-36RC	1RXC5
1 1/4 in	250 psi	K1TF811-36RE	1RXC6
1 1/2 in	275 psi	K1TG811-60RH	1RXC7
2 in	175 psi	K1TH811-60RH	1RXC8