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## ASCO Red-Hat<sup>®</sup> 2- and 3-Way General-Purpose Solenoid Valves



4ELF8

Pipe Size	Orifice Dia.	Cv	Coil Insulation Class	NEMA Rating	Max Fluid Temp.	Mfr. Model	Min. Oper. Press. Differential	120V AC			Item No	24VDC			Item No
								Max. Operating Air/Inert Gas	Max. Operating Water	Max. Operating Pressure Diff. Light Oil		Max. Operating Air/Inert Gas	Max. Operating Water	Max. Operating Pressure Diff. Light Oil	
<b>3-Way/2-Position Normally Closed, Brass Body - NBR Gaskets</b>															
1/8"	3/64 in	0.06	F	1, 2, 3, 3S, 4, 4X	180 °F	8320G132	0 psi	200 psi	200 psi	200 psi	24W635	—	—	—	—
1/4"	1/16 in	0.09	F	1, 2, 3, 3S, 4, 4X	150 °F	8320G182	0 psi	—	—	—	—	160 psi	160 psi	160 psi	24W643
1/4"	1/16 in	0.09	F	1, 2, 3, 3S, 4, 4X	200 °F	8320G182	0 psi	210 psi	225 psi	225 psi	44U295	—	—	—	—
1/4"	3/32 in	0.12	F	1, 2, 3, 3S, 4, 4X	150 °F	8320G184	0 psi	—	—	—	—	150 psi	150 psi	150 psi	24W628
1/4"	3/32 in	0.12	F	1, 2, 3, 3S, 4, 4X	200 °F	8320G089	0 psi	110 psi	110 psi	110 psi	44U291	—	—	—	—
1/4"	3/32 in	0.12	F	1, 2, 3, 3S, 4, 4X	200 °F	8320G184MO	0 psi	150 psi	150 psi	150 psi	44U296	—	—	—	—
1/4"	3/32 in	0.12	F	1, 2, 3, 3S, 4, 4X	200 °F	8320G184MS	0 psi	150 psi	150 psi	150 psi	44U297	—	—	—	—
3/8"	3/8 in	2.5	F	1, 2, 3, 3S, 4, 4X	180 °F	8316G054	10 psi	150 psi	125 psi	Not Rated	24W655	—	—	—	—
3/8"	3/8 in	2.5	F	1, 2, 3, 3S, 4, 4X	180 °F	8316G014	10 psi	250 psi	250 psi	Not Rated	44U286	—	—	—	—
1/2"	3/8 in	3.2	F	1, 2, 3, 3S, 4, 4X	180 °F	8316G064	10 psi	150 psi	125 psi	Not Rated	24W630	—	—	—	—
1/2"	3/8 in	3.2	F	1, 2, 3, 3S, 4, 4X	180 °F	8316G024	10 psi	250 psi	250 psi	Not Rated	24W672	—	—	—	—
3/4"	1/2 in	4.8	F	1, 2, 3, 3S, 4, 4X	180 °F	8316G074	10 psi	150 psi	125 psi	Not Rated	24W676	—	—	—	—
1"	1 in	12.5	F	1, 2, 3, 3S, 4, 4X	180 °F	8316G034	10 psi	150 psi	125 psi	Not Rated	24W675	—	—	—	—
<b>Normally Open, Brass Body - NBR Gaskets</b>															
1/8"	3/64 in	0.06	F	1, 2, 3, 3S, 4, 4X	180 °F	8320G136	0 psi	200 psi	200 psi	200 psi	24W633	—	—	—	—
1/8"	3/64 in	0.06	F	1, 2, 3, 3S, 4, 4X	180 °F	8320G136MS	0 psi	200 psi	200 psi	200 psi	44U293	—	—	—	—
1/4"	1/16 in	0.09	F	1, 2, 3, 3S, 4, 4X	200 °F	8320G192	0 psi	235 psi	250 psi	250 psi	24W639	—	—	—	—
1/4"	3/32 in	0.12	F	1, 2, 3, 3S, 4, 4X	200 °F	8320G194	0 psi	150 psi	140 psi	140 psi	24W634	—	—	—	—
3/8"	3/8 in	2.5	F	1, 2, 3, 3S, 4, 4X	180 °F	8316G016	10 psi	250 psi	250 psi	Not Rated	44U287	—	—	—	—
<b>Universal, Brass Body - NBR Gaskets</b>															
1/8"	3/64 in	0.06	F	1, 2, 3, 3S, 4, 4X	140 °F	8320G130	0 psi	175 psi	175 psi	175 psi	44U292	—	—	—	—
<b>Universal, Plastic Body - Buna-N Gaskets</b>															
1/4"	1/16 in	0.07	F	1, 2, 3, 3S, 4, 4X	130 °F	8360G071	0 psi	100 psi	100 psi	—	44U314	—	—	—	—
<b>Universal, Stainless Steel Body - NBR Gaskets</b>															
1/4"	3/32 in	0.12	F	1, 2, 3, 3S, 4, 4X	200 °F	8320G200	5 psi	100 psi	100 psi	100 psi	4ELF8	—	—	—	—
<b>3-Way/2-Position, Universal, Brass Body - NBR Gaskets</b>															
1/4"	3/32 in	0.12	F	1, 2, 3, 3S, 4, 4X	150 °F	8320G174	0 psi	—	—	—	—	60 psi	60 psi	60 psi	44U294

## 2-Way Normally Closed Dust Collector Solenoid Valves

High-flow aluminum valves use a powerful pulse of air to separate dust and particulate from filters and bags. NBR gasket. Remote pilot valves require separate solenoid valves. Integral pilot valves feature watertight type molded epoxy solenoid coils with 1/2" conduit hub. Coil included. Valves have NPT pipe connections (except 5LU48 is compression connection).



Pipe Size	Orifice Dia.	Cv	Coil Insulation Class	NEMA Rating	Min. Operating Pressure Differential	Max. Operating Pressure Air/Inert Gas	Max. Fluid Temp.	Voltage	Watts	Mfr. Model	Item No.	For Use With Grainger Item Number			Mfr. Model	Item No.
<b>Dust Collector Solenoid Valve</b>																
3/4 in	1 1/8 in	15.0	F	1, 2, 3, 3S, 4, 4X	5 psi	125 psi	150 °F	120V AC	6.1 W	8353G052	5LU48	Solenoid Valve Rebuild Kits			—	—
1 in	1 1/8 in	20.0	F	1, 2, 3, 3S, 4, and 4X	5 psi	125 psi	185 °F	120V AC	6.1 W	8353G041	5LU50	3UK31, 5LU47	96875	5LU53		
1 1/2 in	2 in	53.0	F	1, 2, 3, 3S, 4, 4X	5 psi	125 psi	150 °F	120V AC	10.1 W	8353J039	5LU52	5LU52	322108	5LU54		
<b>Remote Piloted Dust Collector Valve</b>																
3/4 in	3/4 in	10.5	—	—	5 psi	125 psi	185 °F	—	—	8353C033	5LU47	5LU49	200262	5LU55		
1 in	1 1/8 in	20.0	—	—	5 psi	125 psi	185 °F	—	—	8353C035	5LU49	5LU48, 5LU50	316563	5LU56		
1 1/2 in	2 in	53.0	—	—	10 psi	125 psi	185 °F	—	—	8353H038	5LU51	5LU51	276886	5LU57		

## 2-Way Normally Closed Slow-Closing Solenoid Valves

- Max. fluid temp.: 180 °F
- Brass body

Slow-closing design reduces the pressure spike and brings the water hammer to a level that eliminates the need for suppressors or other controls. Coil included.



## Low-Pressure Normally Closed and Normally Open Solenoid Valves

- Brass body with NBR gasket

Ideal for dispensing, collating, gas shutoff, vacuum holding, and tank draining. Normally open valves operate at low pressures with no minimum required; well suited for venting systems. Coil included. CSA and CE Certified; except 4EKU3 is FM Approved, UL Recognized, and CSA Certified.



Pipe Size	Orifice Dia.	Cv	Coil Insulation Class	NEMA Rating	Min. Operating Pressure Differential	Max. Operating Pressure Water	Max. Fluid Temp.	Voltage	Watts	Mfr. Model	Item No.
<b>Solenoid Valve, Normally Open</b>											
1/2 in	1/8 in	2.2	F	7	0 psi	15 psi	200 °F	120V AC	20.1 W	8030G071	2HTR4
3/4 in	3/4 in	5.5	F	1, 2, 3, 3S, 4, 4X	0 psi	2 psi	180 °F	120V AC	10.1 W	8030G083	2HTR5
<b>Solenoid Valve, Normally Closed</b>											
3/8 in	3/8 in	1.8	F	—	0 psi	5 psi	180 °F	120V AC	6.1 W	8030G010	2HTP7
3/8 in	3/8 in	1.8	F	1, 2, 3, 3S, 4, 4X	0 psi	15 psi	200 °F	120V AC	10.1 W	8030G013	2HTP8
1/2 in	1/8 in	2.8	F	—	0 psi	6 psi	125 °F	120V AC	6.1 W	8030G016	2HTP9
1/2 in	1/8 in	2.8	F	—	0 psi	15 psi	200 °F	120V AC	16.1 W	8030G017	2HTR1
3/4 in	3/4 in	5.0	F	1, 2, 3, 3S, 4, 4X	0 psi	2 psi	200 °F	120V AC	10.1 W	8030G003	2HTR2
3/4 in	3/4 in	5.0	F	1, 2, 3, 3S, 4, 4X	0 psi	4 psi	180 °F	120V AC	17.1 W	8030G043	2HTR3
<b>Medium Vacuum Solenoid Valve, Normally Closed</b>											
3/8 in	3/8 in	1.8	F	1, 2, 3, 3S, 4, 4X	0 psi	—	180 °F	120V AC	10.1 W	8030G013VM	4EKU3