



## Features

- 2-Way Normally Open operation.
- Die-cast aluminum bodies.
- Zero differential piloted diaphragm.
- Valves provided with pipe tap(s) with plug for routine testing.
- Suitable for ambient temperatures up to 175°F.

## Construction

Valve Parts in Contact with Fluids	
Body	Aluminum
Seals and Disc	NBR
Washer	302 Stainless Steel
Core Tube	305 Stainless Steel
Core and Plugnut	430F Stainless Steel
Core Guide	CA
Springs	302F Stainless Steel
Shading Coil	Copper
Body Gasket	Cork
Sleeve and Pin	416 Stainless Steel
Pipe Plug	Zinc-Plated Steel

## Electrical

Standard Coil and Class of Insulation	Watt Rating and Power Consumption			Ambient Temp. °F	Spare Coil Part No.	
	AC				General Purpose	Explosionproof
	Watts	VA Holding	VA* Inrush		AC	AC
N	20	43	240	-20 to 175	222345	-

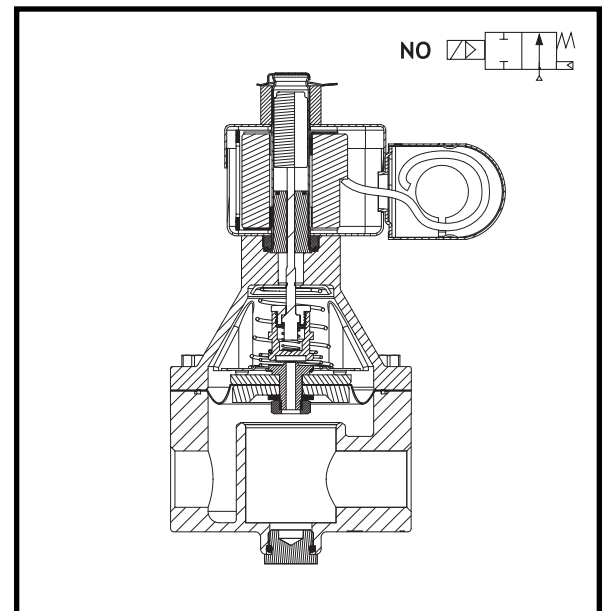
## Valve Response Time

**Opening Time:** Less than 1 second.

**Closing Time:** Less than 1 second.

## Solenoid Enclosures

**Standard:** Type 1 General Purpose junction box housing with two 7/8" knockouts.



## Approvals

UL listed to standard 429 "Electrically Operated Valves," Guide YIOZ, File MP932 General Purpose Valves.

CSA Certified to:

1) Standard C22.2 No. 139 "Electrically Operated Valves," File 113070.

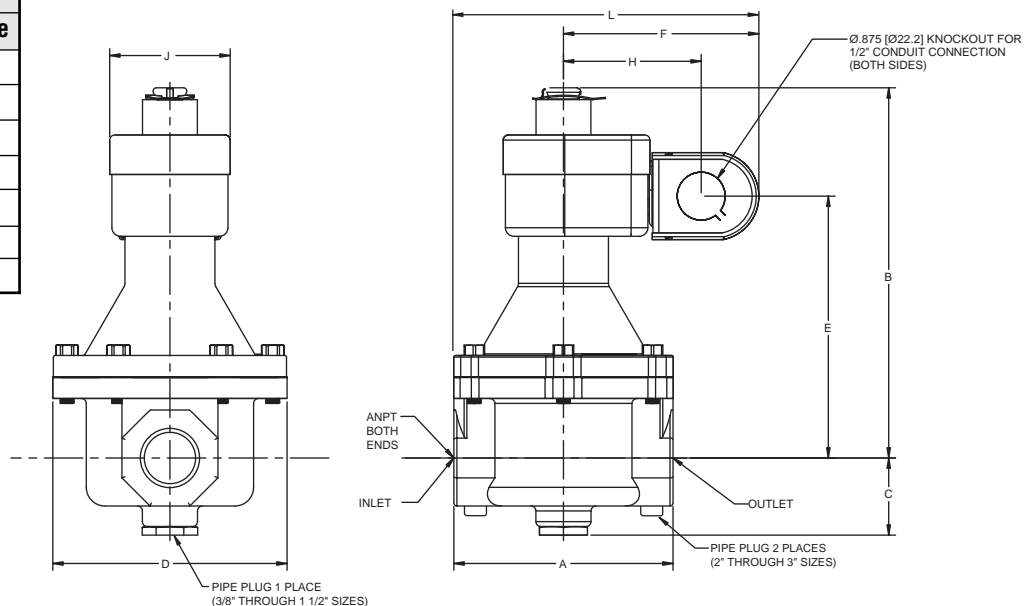
## Specifications

Pipe Size Size (ins.)	Orifice Size (ins.)	CV Flow	Gas Capacity ①	Operating Pressure Differential (psi)		Nominal Fluid Temp. °F	Catalog Number			Const. Ref.	Approvals			Wattage	Approx. Shipping Weight (lbs)	
			Btu/hr.	Min.	Max.		24V 60 Hz	120V 60 Hz	240V 60 Hz		UL	FM	CSA			
COMBUSTION (Fuel Gas) - NORMALLY OPEN																
3/8	3/4	5.3	217,000	0	30	77	S262SG01N3CG5	S262SG02N3CG5	S262SG04N3CG5	1	●	-	●	20	3.0	
1/2	3/4	6.2	322,000	0	30	77	S262SG01N3DG5	S262SG02N3DG5	S262SG04N3DG5	1	●	-	●	20	3.2	
3/4	3/4	8	370,000	0	30	77	S262SG01N3EG5	S262SG02N3EG5	S262SG04N3EG5	1	●	-	●	20	3.3	
1	1 1/2	18	1,120,000	0	25	77	S262SG01N3FJ5	S262SG02N3FJ5	S262SG04N3FJ5	2	●	-	●	20	4.4	
1 1/4	2	34	1,710,000	0	25	77	S262SG01N3GJ7	S262SG02N3GJ7	S262SG04N3GJ7	3	●	-	●	20	4.4	
1 1/2	2	37	1,790,000	0	25	77	S262SG01N3HJ7	S262SG02N3HJ7	S262SG04N3HJ7	3	●	-	●	20	12.5	
2	4 1/2	75	3,840,000	0	15	77	S262SG01N3JK4	S262SG02N3JK4	S262SG04N3JK4	4	●	-	●	20	12.5	
2 1/2	4 1/2	90	4,750,000	0	15	77	S262SG01N3KK4	S262SG02N3KK4	S262SG04N3KK4	5	●	-	●	20	14.2	
3	4 1/2	110	5,440,000	0	15	77	S262SG01N3LK4	S262SG02N3LK4	S262SG04N3LK4	5	●	-	●	20	14.2	
● = General Purpose Valve. ① 1" W.C. Drop @ 2" W.C. Inlet Pressure, 1, 000 Btu/cu.ft. or more, 0.64 Specific Gravity Gas.																

## Dimensions: inches

Const. Ref. No.	A	B	C	D	E	F	H	J	L
1	2.75	5.45	1.06	2.31	3.90	3.53	2.50	2.19	4.90
2	4.00	6.33	1.41	4.27	4.78	3.53	2.50	2.19	5.53
3	4.76	6.70	1.79	4.77	5.15	3.53	2.50	2.19	5.91
4	8.12	7.23	2.16	7.69	5.68	3.53	2.50	2.19	7.59
5	9.00	8.04	2.27	7.69	6.49	3.53	2.50	2.19	8.03

Vent Valve Requirements	
Manifold Line	Vent Line
3/8" through 1 1/2"	3/4
2"	1
2 1/2" through 3"	1 1/4
3 1/2"	1 1/2
4" through 5"	2
5 1/2" through 6"	2 1/2
6 1/2" through 7 1/2"	3



Must be mounted with solenoid upright or horizontal (3/8" through 1 1/2").  
Must be mounted with solenoid vertical and upright (2" through 3").