

### Features

- 2-Way Normally Closed Operation.
- Unique double disc design with overtravel provides redundant sealing for leak tight shutoff.
- Visual Indication of open & shut position.
- Die-cast aluminum bodies.
- Zero differential piloted diaphragm.
- For on-off control of fuel gas in commercial and industrial gas burners.
- Valves provided with 1/8" NPT upstream and downstream pipe tap with plug for routine testing.

### Construction

Valve Parts in Contact with Fluids	
Body	Aluminum
Seals and Disc	NBR
Core Tube	305 Stainless Steel
Core Guide	Acetal
Rider Ring	PTFE
Core and Plugnut	430F Stainless Steel
Springs	302 Stainless Steel
Shading Coil	Copper
Pipe Plug	Zinc-Plated Steel

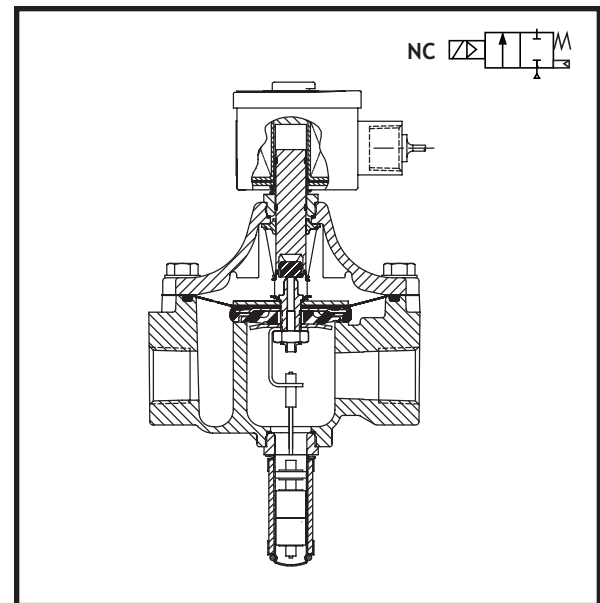
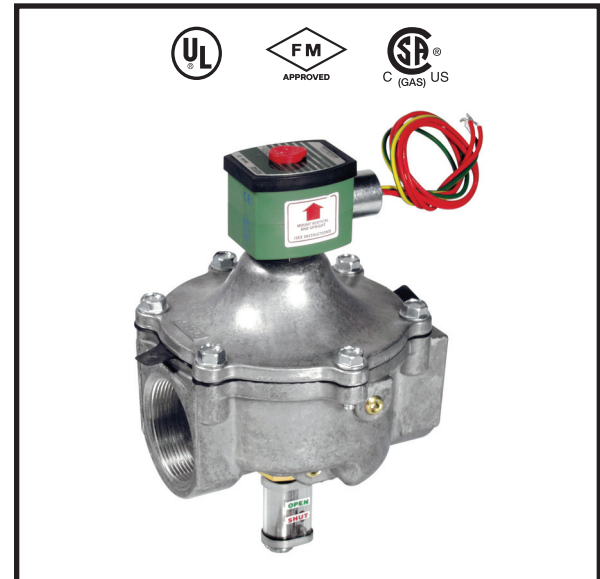
### Electrical

Standard Coil Class of Insulation	Watt Rating and Power Consumption			Ambient Temp. °F	Spare Coil Family	
	AC				General Purpose	Explosionproof
	Watts	VA Holding	VA Inrush			
F	20.1	48	240	-40 to 125	272610	-

**Standard Voltages:** 120, 240 volts AC, 60 Hz

### Solenoid Enclosures

RedHat® II molded epoxy Type 1, 2, 3, 3S, 4 and 4X combination. General Purpose and watertight solenoid enclosures with 1/2" conduit hub as standard.



### Approvals:

UL listed to standard 429 "Electrically Operated Valves," Guide YIOZ, File MP618 Safety Shutoff Valves.

FM Approved to Class 7400 "liquid and gas safety shutoff valves".

CSA Certified to:

- 1) Standard C22.2 No. 139 "Electrically Operated Valves," File 010381.
- 2) Automatic Gas Valves Z21.21 (6.5), File 112872.
- 3) Automatic Gas Safety Shutoff Valves C/I (3.9), File 112872.

### Specifications

Pipe Size (ins.)	Orifice Size (ins.)	CV Flow	Gas Capacity ①	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Catalog Number	Const. Ref.	Agency			Wattage	Approx. Shipping Weight (lbs)
			Btu/hr.	Min.	Max.				UL	FM	CSA		
<b>COMBUSTION (Fuel Gas) - NORMALLY CLOSED</b>													
3/4	1 5/8	11	580,000	0	5	125	8214G036VI	1	○	○	○	20.1	4.5
1	1 5/8	21	1,119,000	0	5	125	8214G051VI	1	○	○	○	20.1	4.5
1 1/4	1 5/8	32	1,730,000	0	5	125	8214G061VI	2	○	○	○	20.1	4.5
1 1/2	1 5/8	35	1,900,000	0	5	125	8214G071VI	2	○	○	○	20.1	4.5
2	2 3/32	60	2,800,000	0	5	125	8214G081VI	3	○	○	○	20.1	6.5

○ = Safety Shutoff Valve. ① 1" W.C. Drop @ 2" W.C. Inlet Pressure, 1, 000 Btu/cu.ft. or more, 0.64 Specific Gravity Gas.

### Capabilities Chart

Solenoid Options		Base Catalog Number	Resilient Materials	Standard Rebuild Kit
High Temp.	Junction Box	Aluminum	NBR	AC
HB	JB	8214G036VI	●	322375
HB	JB	8214G051VI	●	322375
HB	JB	8214G061VI	●	322375
HB	JB	8214G071VI	●	322375
HB	JB	8214G081VI	●	322377

● = Standard. Other options may be available. All option combinations may not be available.

### Dimensions: inches

Const. Ref.	A	B	E	H	J	K	L	N	P	R	T	W
1	2.69	3.11	2.69	8.93	2.05	4.20	5.00	4.67	5.41	2.62	2.06	5.39
2	2.69	3.11	2.69	8.93	2.05	4.27	5.00	4.67	5.48	2.62	2.06	5.39
3	3.16	3.11	3.16	9.53	2.05	4.63	6.09	5.33	5.84	3.28	2.06	6.32

**Const. Ref. 1, 2, 3**

Must be mounted with solenoid vertical and upright.