

## Features

- 2-way normally closed operation
- For gas pilot control of commercial and industrial gas burners
- Direct lift with resilient soft seating for tight shut-off
- Valves provided with 1/8" NPT downstream pipe tap with plug for routine testing
- Mountable in any position

## Construction

Valve Parts in Contact with Fluids	
Body	Aluminum
Seals and Disc	NBR
Core Tube	305 Stainless Steel
Core and Plugnut	430F Stainless Steel
Springs	17-7 PH
Shading Coil	Copper
Pipe Plug	Zinc Plated Steel

## Electrical

Standard Coil and Class of Insulation	Watt Rating and Power Consumption			Ambient Temp. °F	Spare Coil Family	
	AC				General Purpose	Explosionproof
	Watts	VA Holding	VA Inrush		AC	AC
F	6.1	16	40	-40 to 125	238210	238214

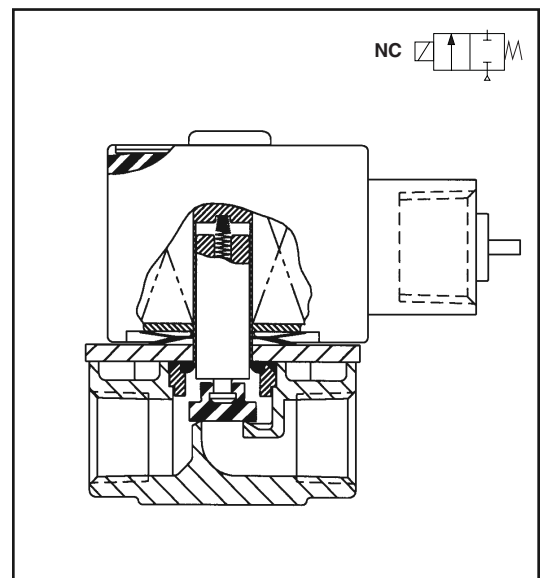
Standard Voltages: 24, 120, 240 volts AC, 60 Hz (or 110, 220 volts AC, 50 Hz).

## Solenoid Enclosures

**Standard:** Watertight, Types 1, 2, 3, 3S, 4, and 4X with 1/2" conduit hub.

## Valve Response Time

**Opening Time:** Less than 1 second; **Closing Time:** Less than 1 second



## Approvals

UL listed to standard 429 "Electrically Operated Valves," Guide Y10Z, File MP618 Safety 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.

COMBUSTION

**Specifications (English units)**

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Gas Capacity ① Btu/hr.	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Catalog Number	Const. Ref.	Agency			Wattage ②	Approx. Shipping Weight (lbs)
				Min.	Max.				UL	FM	CSA		
<b>COMBUSTION (Fuel Gas)- NORMALLY CLOSED</b>													
1/8	5/16	1	53,700	0	15	125	8040H006	1	○	○	○	6.1	1.8
1/4	5/16	1.1	59,000	0	15	125	8040H007	1	○	○	○	6.1	1.8
3/8	5/16	1.2	64,400	0	15	125	8040H008	1	○	○	○	6.1	1.8

○ = 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.  
 ② On 50 Hz service watt rating is 8.1; EF option approved to UL and CSA only.

**Specifications (Metric units)**

Pipe Size (ins.)	Orifice Size (mm)	Kv Flow (m³/hr)	Gas Capacity ① Btu/hr.	Operating Pressure Differential (bar)		Max. Fluid Temp. °C	Catalog Number	Const. Ref.	Agency			Wattage ②	Approx. Shipping Weight (kgs)
				Min.	Max.				UL	FM	CSA		
<b>COMBUSTION (Fuel Gas)- NORMALLY CLOSED</b>													
1/8	8.000	0.9	53,700	0	1	52	8040H006	1	○	○	○	6.1	0.8
1/4	8.000	0.9	59,000	0	1	52	8040H007	1	○	○	○	6.1	0.8
3/8	8.000	1.0	64,400	0	1	52	8040H008	1	○	○	○	6.1	0.8

○ = 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.  
 ② On 50 Hz service watt rating is 8.1; EF option approved to UL and CSA only.

**Capabilities Chart**

Solenoid Options				Base Catalog Number	Resilient Materials	Standard Rebuild Kit
NEMA Type 3-9	High Temp.	Junction Box	Wiring Box Screw Terminal	Aluminum	NBR	AC
EF	HT	-	JKF	8040H006	●	318247
EF	HT	JB	JKF	8040H007	●	318247
EF	HT	JB	JKF	8040H008	●	318247

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

### Dimensions inches (mm)

Const. Ref. 1

