

Innovative Combustion Solutions Worldwide

GENERAL PURPOSE GAS SHUT-OFF VALVES

Eclipse Model 8040 shut-off valves are suited for general purpose air and gas flow control. Their normally closed, direct acting design provides reliable, positive performance in gas fired applications.

These valves are available for all standard (60 Hz) voltages as well as some 50 Hz voltages. In case of interrupted power, the valves close automatically.

They have aluminum bodies which are mountable in any position. 1/8" N.P.T. upstream and downstream pipe taps provide easy access for routine testing.

These valves have molded epoxy Types 1, 2, 3S and 4X combination general purpose and watertight solenoid enclosures with 72" leads and 1/2" conduit hub as standard.

- For use with fuels, gas and air.
- Continuous duty Class F insulation coils are available in volts AC/Hz for:
 - ~ 24/60
 - ~ 120/60, 110/50
 - ~ 240/60, 220/50
 - ~ 480/60
- UL listed; FM approved; AGA, CGA and CSA certified.
- Valve components in contact with fluids:
 - ~ Body: Die-cast aluminum
 - ~ Seals and disc: Buna "N"
 - ~ Core and plugnut: 430F s.s.
 - ~ Core tube: 305 s.s.
 - ~ Springs: 302 s.s.
 - ~ Shading coil: Copper
 - ~ Core guide: Acetal
 - ~ Rider ring: Filled Teflon™
 - ~ Plug: Zinc-plated steel

MODEL 8040

**Two Way Normally Closed
Aluminum Bodies
3/8" to 3/4" N.P.T.**

Version 1.0



Eclipse Combustion



Specifications

Size, "N.P.T.	Eclipse Model No.	Eclipse Part No.	Cv	Gas Capacity (Btu/hr.)*	Operating Pressure Diff. (psi)		Fluid & Ambient Temp. (°F)		Watt Rating	Power Consumption	
					Min.	Max.	Min.	Max.		VA Holding	VA Inrush
3/8	ECI-L8040G21	20169	3.9	210,000	0	2	-40	125	10.1	25	70
1/2	ECI-L8040G22	20170	5.4	291,000	0	2	-40	125	10.1	25	70
3/4	ECI-L8040G23	20172	9.5	512,000	0	2	-40	125	10.1	25	70

* For 1"w.c. pressure drop at 2"w.c. inlet pressure, 1,000 Btu/cu. ft. or more, for gas @ 0.64 specific gravity

Dimensions

Model Number	Size, ".N.P.T.	Dimensions, In Inches						Pipe Plugs Available
		A	B	C	D	E	F	
ECI-L8040G21	3/8	2-1/2	3-7/16	4	2-3/4	2-7/16	3-7/16	B & C
ECI-L8040G22	1/2	2-1/2	3-7/16	4	2-3/4	2-7/16	3-11/16	B & C
ECI-L8040G23	3/4	2-11/16	3-5/8	4-7/16	3-5/16	2-7/16	3-11/16	A & C

