

*Innovative Combustion Solutions Worldwide*

# PILOT GAS SHUT-OFF VALVES

## MODEL 8040

*Two Way Normally Closed  
Aluminum Bodies  
1/4" to 3/8" N.P.T.*

*Version 1.0*

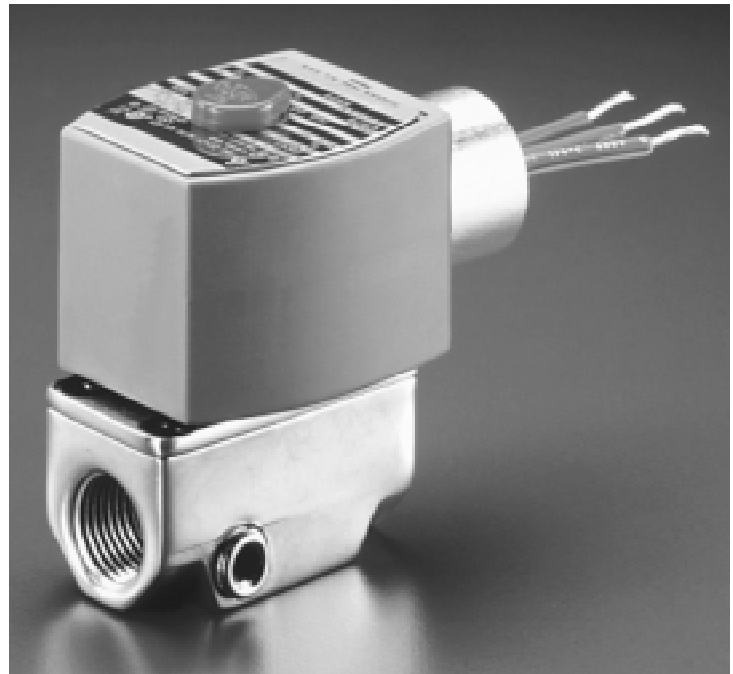
**Eclipse Model 8040 pilot gas shut-off valves are suited for general purpose pilot air and gas flow control. Their normally closed, direct acting design provides reliable, positive performance in gas fired applications.**

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. A 1/8" N.P.T. downstream pipe tap provides 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
  - ~ Plug: Zinc-plated steel



*Eclipse Combustion*



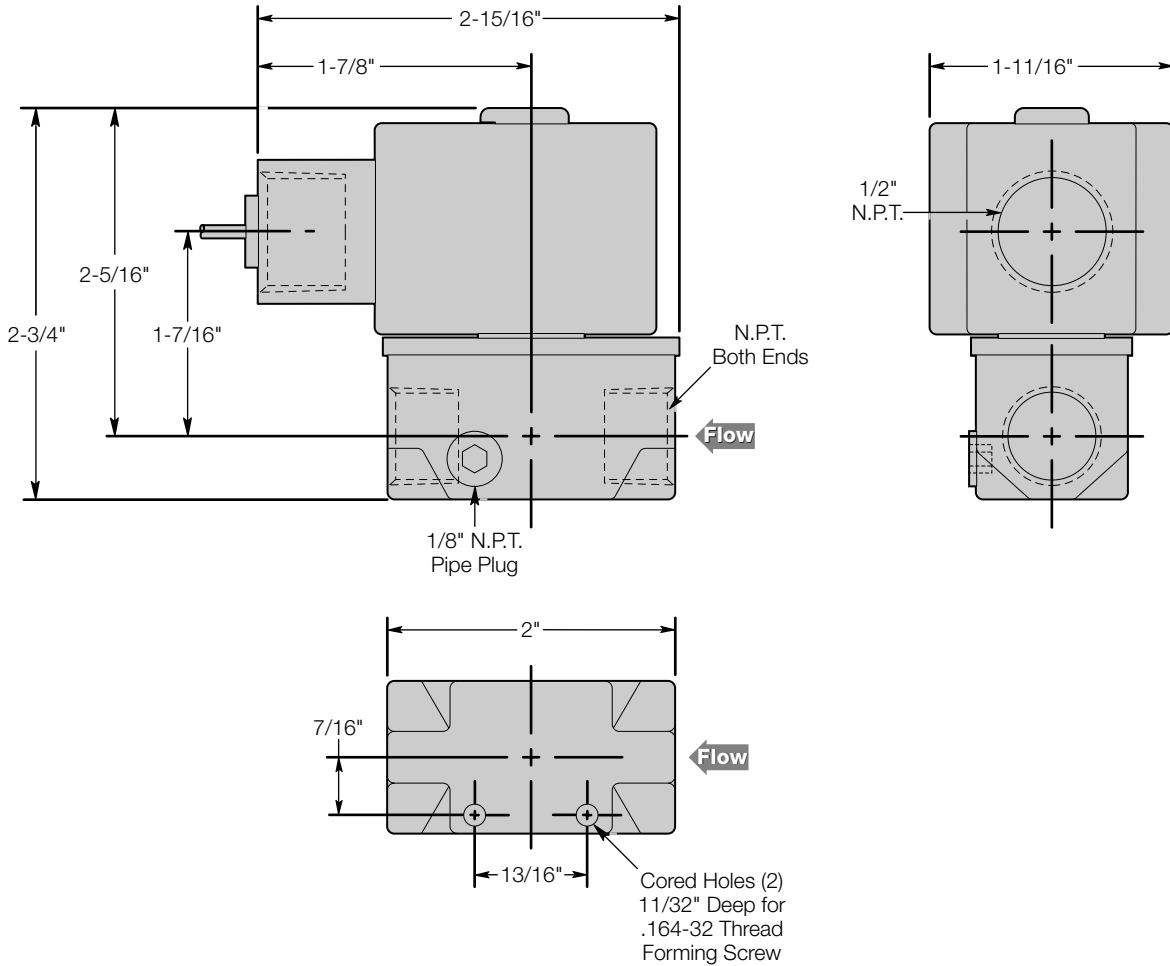
## Specifications

Size, "N.P.T.	Eclipse Model No.	Eclipse Part No.	Cv	Gas Capacity (Btu/hr.) <sup>①</sup>	Operating Pressure Diff. (psi)		Fluid & Ambient Temp. (°F)		Watt Rating <sup>②</sup>	Power Consumption	
					Min.	Max.	Min.	Max.		VA Holding	VA Inrush
1/4	ECI-L8040H7	20167	1.1	59,000	0	15	-40	125	6.1	16	40
3/8	ECI-L8040H8	20168	1.2	64,400	0	15	-40	125	6.1	16	40

① 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.

② 8.1 watts on 50 Hz models.

## Dimensions





***Eclipse Combustion***

**Offered By:**

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[www.peconet.com](http://www.peconet.com)