

# VALVES - SOLENOID HIGH PRESSURE

**MODEL:** 1291 - SVH

Revision: 0

**BULLETIN**  
1291

## DESCRIPTION

The **SVH** solenoid valves are a high pressure oil valve. These valves are for controlling the flow of all grades of fuel oil; particularly suited to control heavy No. 5 and heated No. 6 fuel oils because of its lever design. The SVH valve comes with a brass body and viton seating. UL, FM, and CSA approved.

## SPECIFICATIONS

Service ..... Oil

Body Material ..... Brass

Seat Type ..... Viton

Safe Working Pressure ..... 500 psig

Electrical Current ..... 120v - 60 Hz  
15.4 watts

Electrical Wiring ..... 2-wire control circuit. Replaceable coil.  
Solenoid jacket rotates 360°. 6" wire leads.

Coil Insulation ..... Class "F" coil



## FEATURES

- All grades of oil.
- UL, FM, and CSA Approved.
- High pressure.
- Normally closed on current failure.
- Rotatable solenoid - replaceable coil.

Model Number	Pipe Size NPT (inches)	Orifice Size (inches)	Cv Flow Factor	Minimum Operating Pressure Differential (psi)	Maximum Operating Pressure Differential (psi)		Ambient Temperature (°F)		Maximum Fluid Temp. (°F)
					#2 Fuel Oil at 60 SSU, #4 Fuel Oil at 300 SSU	#5 or Heated #6 Oil up to 5000 SSU	Min.	Max.	
4 SVH-2	1/2	1/8	0.34	0	400	350	32	104	225
4 SVH-3	1/2	3/16	0.68	0	200	175	32	104	225
4 SVH-4	1/2	1/4	1.20	0	110	100	32	104	225

CAUTION: Operation of combustion equipment can be hazardous resulting in bodily injury or equipment damage. Each burner should be supervised by a combustion safeguard and only qualified personnel should install, make system adjustments and perform any required service.



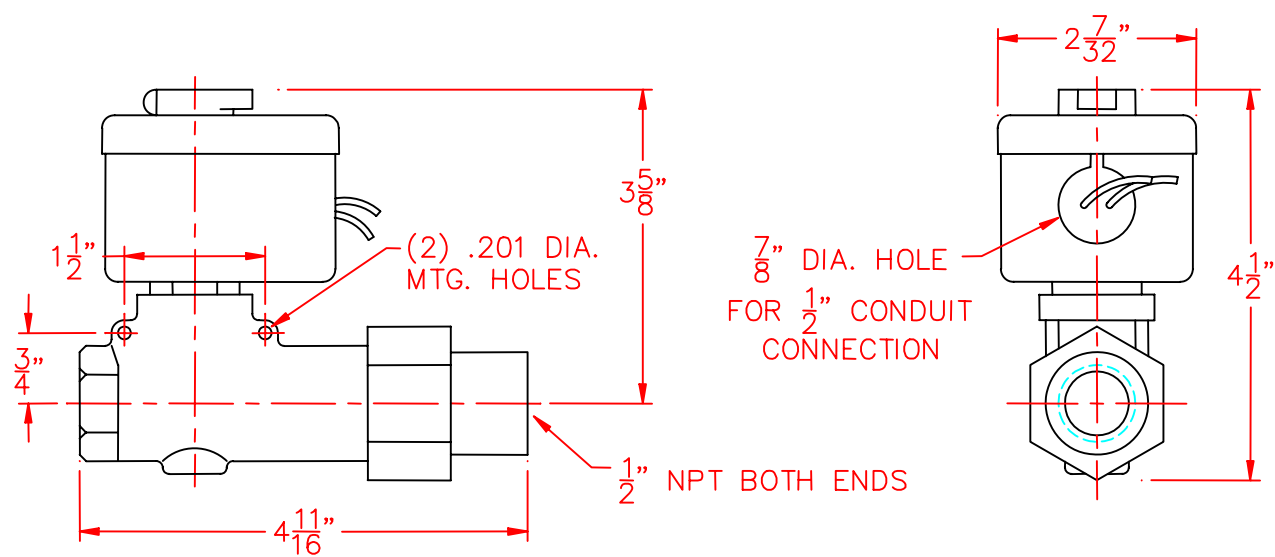
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NOTICE: PYRONICS practices a policy of continuous improvement in the design of its products. It reserves the right to change the specifications at any time without prior notice.

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## DIMENSIONS



Model Number	Weight	
	Lbs.	Kgs.
4 SVH-2	3	1.36
4 SVH-3	3	1.36
4 SVH-4	3	1.36

## ORDERING INFORMATION

1. Specify Model Number and Quantity
2. Shipping Instructions