

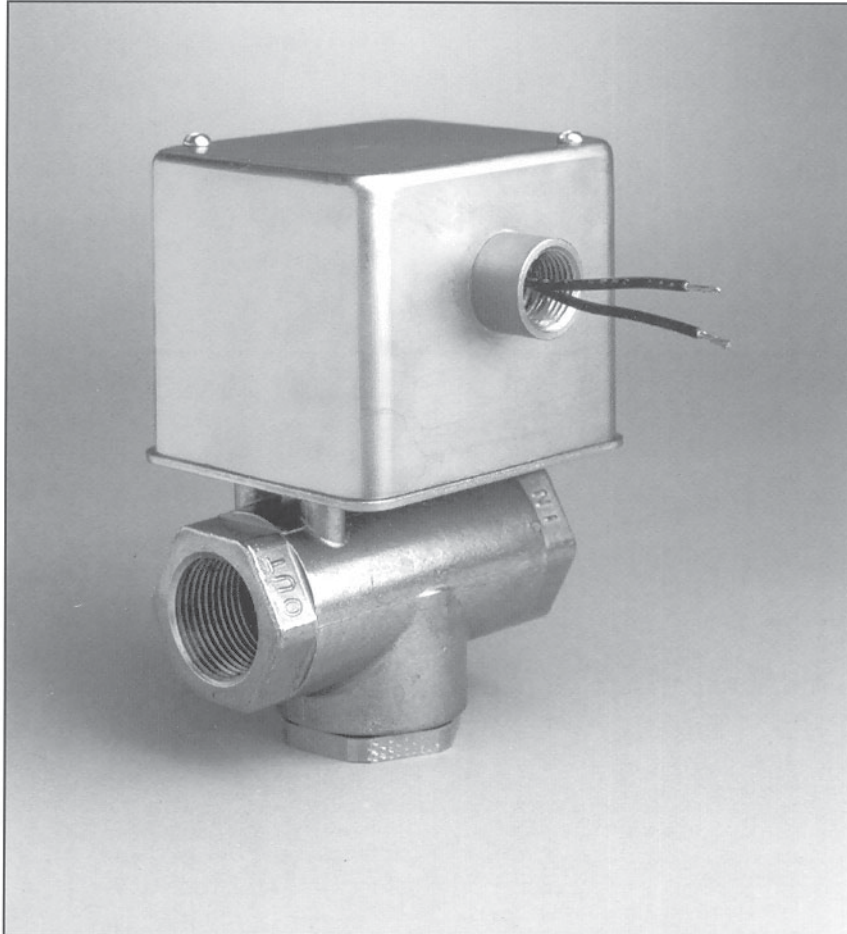
# 1

Valcor Scientific

## Multi-Purpose Solenoid Valve

Balanced Poppet, 2-Way, Normally Closed

Model: SV84



### APPLICATIONS

The Model SV84 is suitable for a broad range of industrial applications, both new and retrofit. Typical applications employing Model SV84 include:

- Drain fire stand pipe
- High pressure washer water control
- Fuel inlet to large burners

### FEATURES

- Direct acting design - no minimum operating pressure
- Elimination of pilot holes to reduce chance of clogging
- Fail-safe position in the event of power interruption
- Line mountable
- Weatherproof housing option available upon request

### INTRODUCTION

Valcor Scientific, a Division of Valcor Engineering, has designed and engineered rugged, reliable solenoid operated valves for more than 50 years.

The Model SV84 was specifically engineered for controlling steam, water, gas, oil and other non-corrosive fluids in a variety of industrial markets.

### DESCRIPTION

The SV84 is a 2-way, direct acting balanced poppet solenoid valve that

can be used in normally closed configurations.

The direct acting design eliminates pilot pistons and pilot holes, which can stick or become congested. Balanced poppet solenoid valves are unique inasmuch as they open and close independent of the operating pressure and require no minimum operating pressure.

The Model SV84 is designed for continuous duty service with water, gas, oil, steam and other non-corrosive fluids.

## SPECIFICATIONS

**Size:** ..... 6.2" H x 4.4" W x 4.0" D  
**Weight:** ..... 7.3 lbs. (3.3 kg.)  
**Port Connection:** ..... 1" NPT  
**Materials in Contact with Fluid:** Bronze body, stainless steel  
 and elastomeric seals  
**Coil Construction:** ..... UL Class H w/10" leads  
**Power:** ..... 23 watts (115/60Hz)  
**Special Requirements:** ..... Consult factory  
*Teflon® is a registered trademark of the DuPont company*

## PERFORMANCE SPECIFICATIONS

Model Number	C <sub>v</sub>	Maximum Operating Pressure		
		Gas	Liquid	Steam
SV84C18HC2	6.0	625	625	----
SV84C18HC6	6.0	625	625	----
SV84C18HC7	6.0	625	625	250

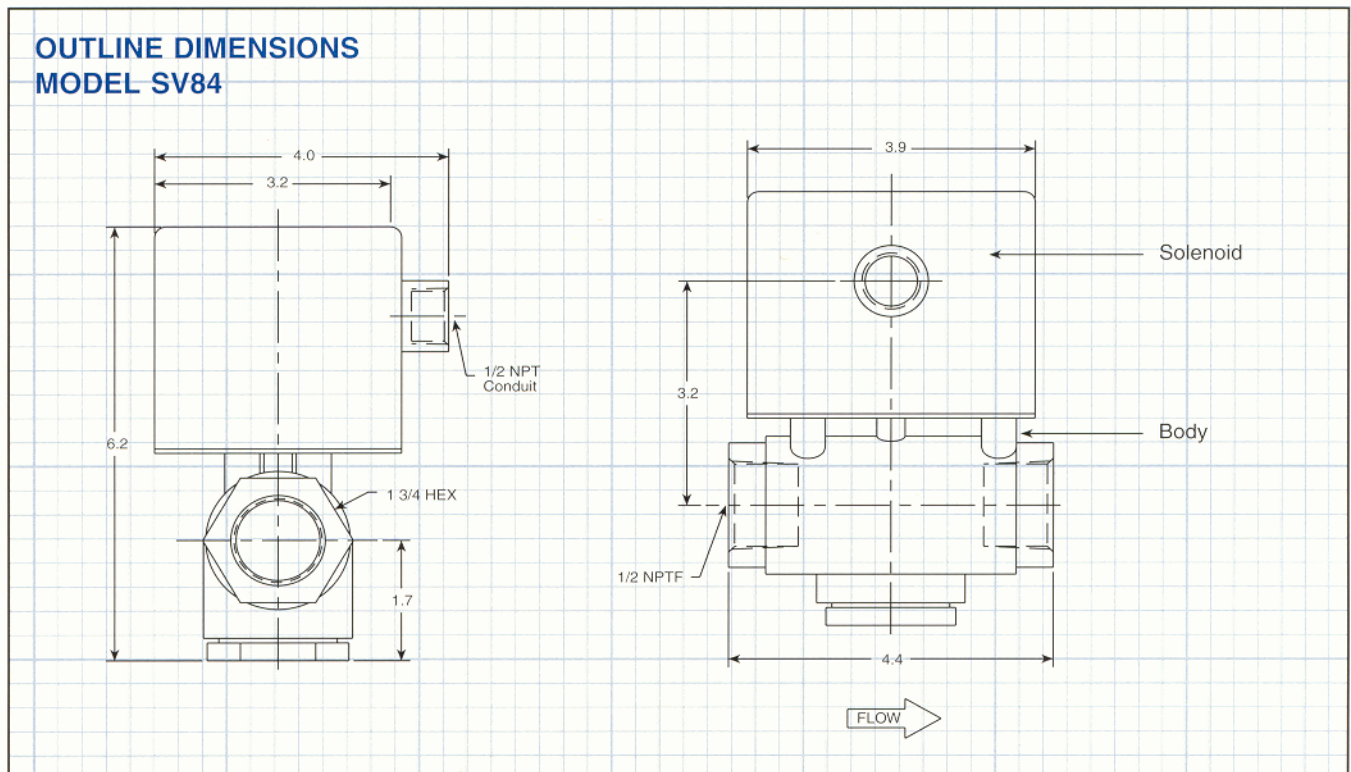
*Elastomer Code: Viton® = 2, BUNA N = 6, EPDM = 7*

## ORDERING INFORMATION

Select the elastomer code from the table above.

### Example:

SV84C18HC (Elastomer Code) = SV84C1HC2



# 1

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