



Valcor Scientific

# High Purity Teflon® Relief Valve

Model: SV101



## APPLICATIONS

Model SV101 is suitable for a broad range of industrial applications, both new and retrofit. Typical applications employing Model SV101 include:

- Relieving ink and toner pressure in printing ink systems
- Pressure relief in medical pure water systems
- Pressure relief for high purity process control in such industries as food, pharmaceutical, semiconductors, etc.

## FEATURES

- Fully adjustable pressure relief setpoint
- All Teflon construction
- Small physical size
- Fast response to pressure fluctuations
- Ideal for D.I. Water applications
- Suitable for liquids to 250° F
- Bubble tight shutoff

## INTRODUCTION

Valcor Scientific, a Division of Valcor Engineering, has designed and engineered rugged, reliable solenoid operated valves and related fluid control components for more than 40 years.

The Model SV101 is a high purity pressure relief valve specifically engineered to provide fast acting response to pressure fluctuations.

## DESCRIPTION

The SV101 is a Dri-Control liquid pressure relief valve employing a

unique spring-loaded diaphragm that automatically opens when the inlet pressure reaches a manually set point.

The virgin TFE Teflon® body and diaphragm provides the greatest degree of inertness, and allows for a high temperature capability.

The valve is panel mountable through a round knock-out hole, and is retained with a hex locknut (supplied).

Its small physical size and weight allows for fast response to pressure fluctuations and is ideal for D.I. water applications.

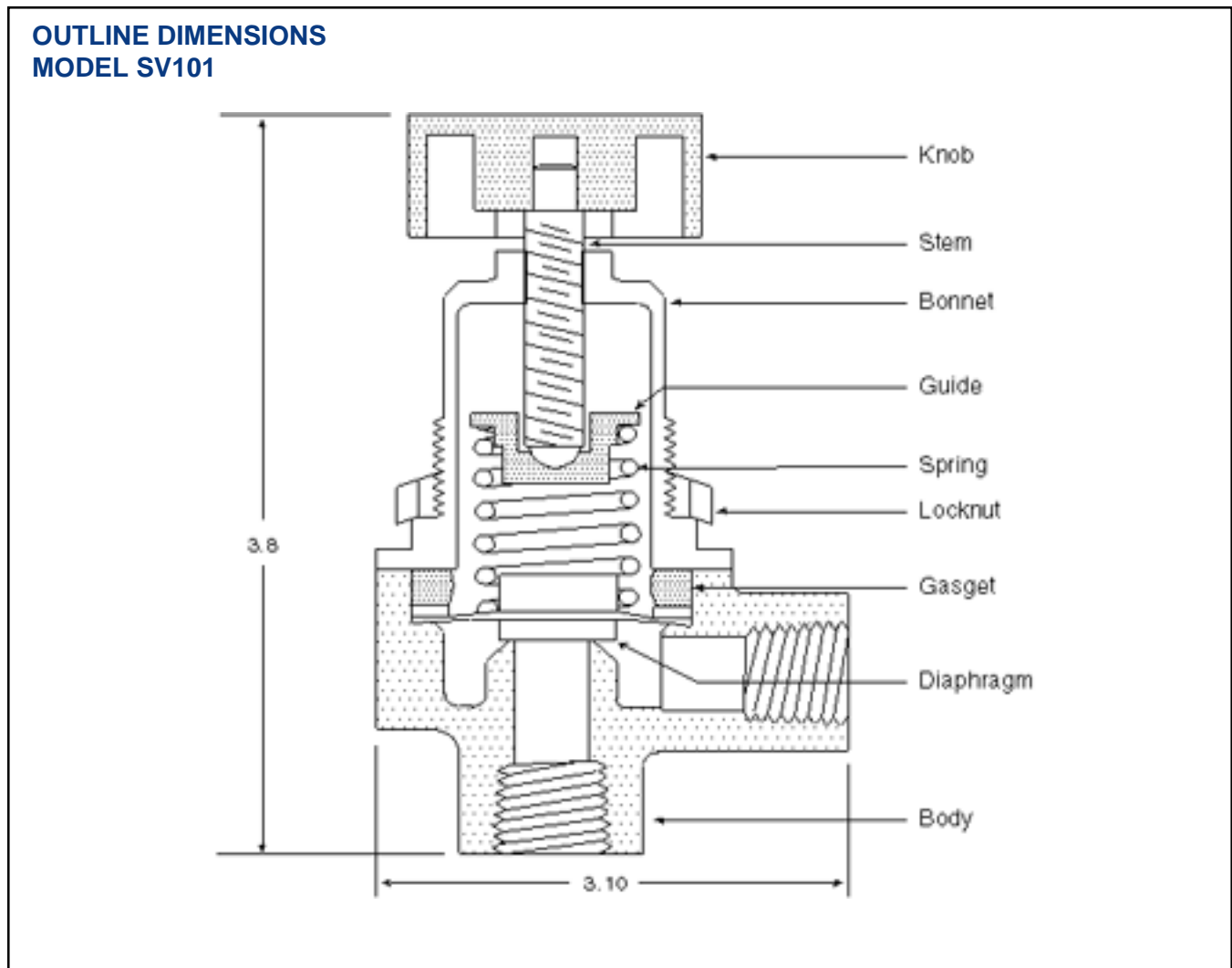
## SPECIFICATIONS

Size ..... 3.8" H x 2.00" W x 3.1" D  
Weight ..... 6.0 oz. (628 g.)  
Port Connection ..... 1/4" NPT outlet port  
Materials in Contact with Fluid .... TFE Teflon  
Maximum Rated Inlet Pressure .... 125 PSIG  
Relief Pressure Range ..... 5-70 PSIG liquid  
C<sub>v</sub> ..... .680  
Special Requirements ..... Consult factory

*Teflon® is a registered trademarks of the DuPont company*

## ORDERING INFORMATION

Please specify Model Number SV101T34-72



**Valcor Scientific**

**Valcor Engineering Corporation®**

2 Lawrence Road • Springfield, New Jersey 07081

973-467-8400 • Fax: 973-467-9592

scientific@valcor.com • www.valcor.com

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