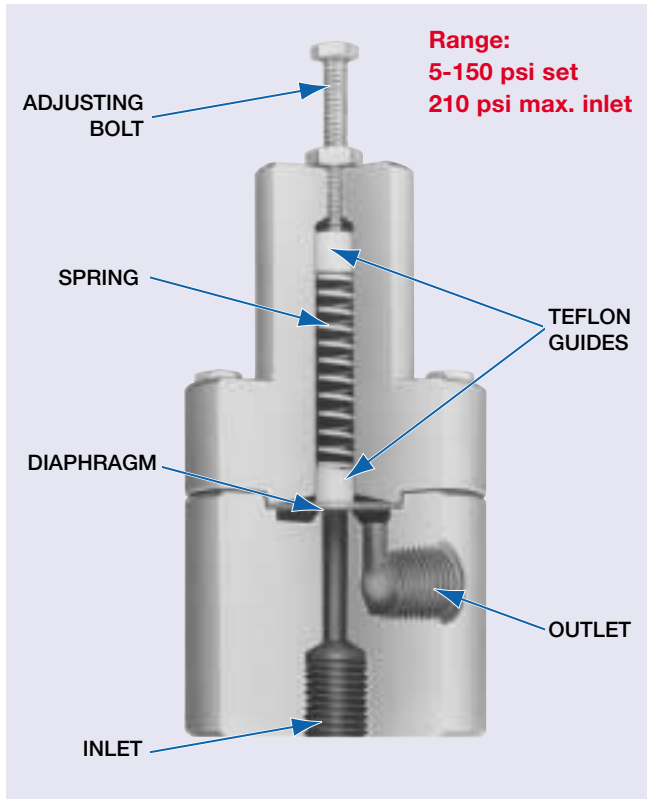


# SERIES RVD • Single Diaphragm Design



**compact and economical;  
ideal for low through high pressure applications**



## Features:

- Single diaphragm provides quick response, prevents crystallization.
- Teflon® guides designed for smooth, chatter-free operation.
- Heavy-duty; machined from solid thermoplastics and built for corrosive applications.
- Designed for low maintenance and easy to adjust.
- Angle pattern in 1/4" and 1/2" pipe sizes.
- No wetted metal parts.

## Design:

Series RVD angle pattern pressure relief valves features a single flat diaphragm which is an advantage where salt crystallization problems can cause valve sticking. Relief setting is infinitely adjustable from 5 psi to 150 psi. Maximum inlet pressure is 210 psi.

## Materials of Construction:

Available in PVC, Natural Polypropylene, PVDF and Teflon. Seals are available in EPDM or Viton®. The adjusting bolt, lock nut and fasteners are stainless steel. The control spring is plated steel. No metal parts are in contact with liquid.

## Series RVD Model Numbers

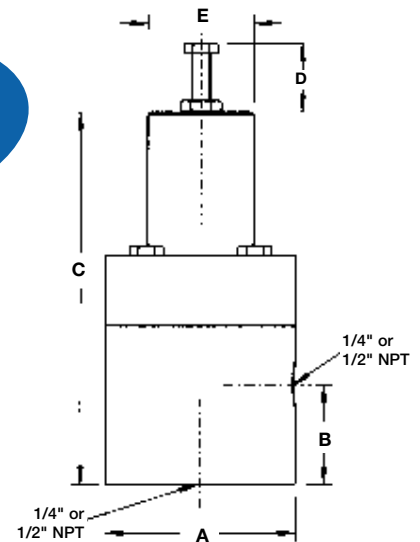
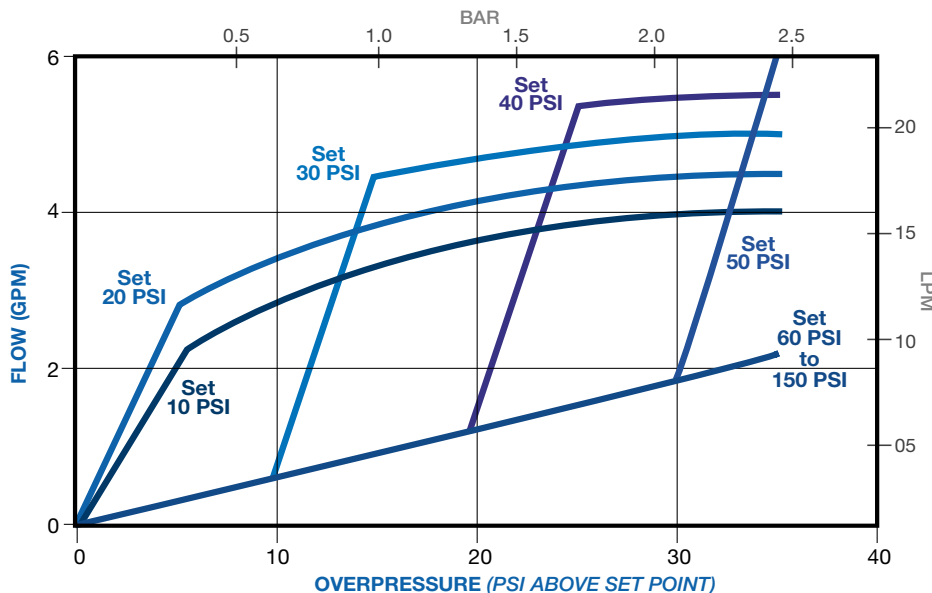
PIPE SIZE	PVC Model No.	POLYPRO* Model No.	PVDF Model No.	TEFLON Model No.
1/4"	RVD025V-PV	RVD025V-PP	RVD025V-PF	RVD025V-TF
1/2"	RVD050V-PV	RVD050V-PP	RVD050V-PF	RVD050V-TF

\*Natural unpigmented polypropylene

For EPDM Seals change "V" to "EP"

**EVERY  
PLAST-O-MATIC  
VALVE IS  
INDIVIDUALLY  
TESTED PRIOR TO  
SHIPMENT.**

## Series RVD Flow Characteristics



## Series RVD Dimensions

	NPT or BSP			
	1/4		1/2	
	in.	mm.	in.	mm.
<b>A</b>	2	50.8	2.375	60.3
<b>B</b>	1.125	2.85	1.500	38.1
<b>C</b>	4	100.6	4.687	119.0
<b>D</b>	1.125	28.5	1.125	28.5
<b>E</b>	1.125	28.5	1.125	28.5