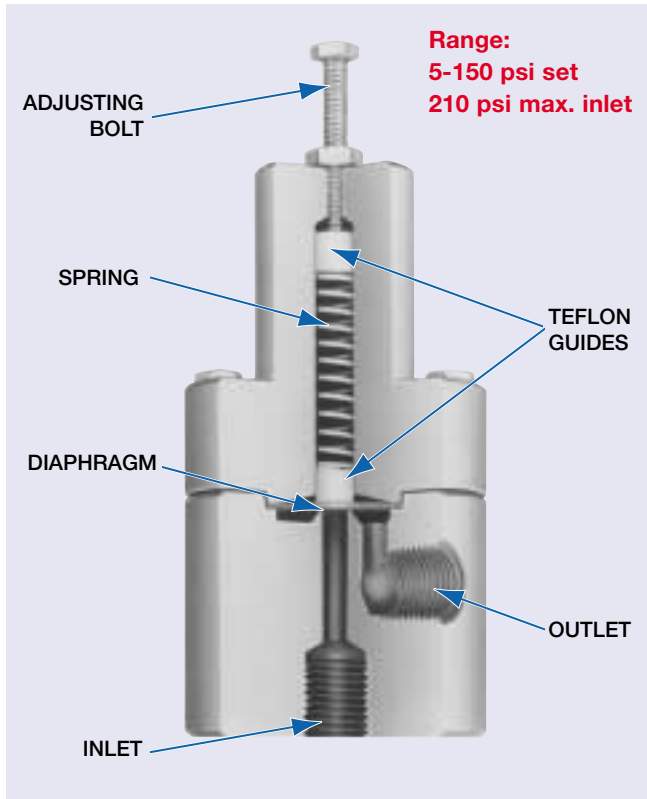


SERIES RVD • Single Diaphragm Design



**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:

Body in PVC, CPVC, Natural Polypro, Kynar 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

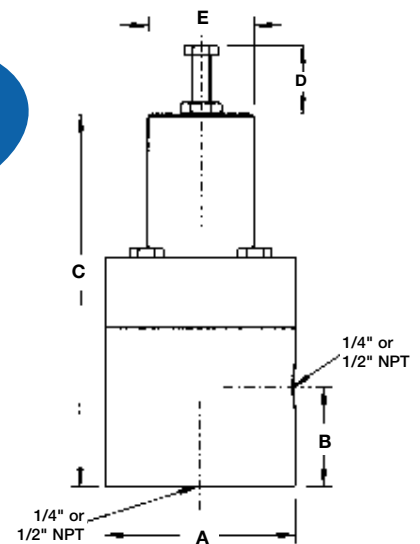
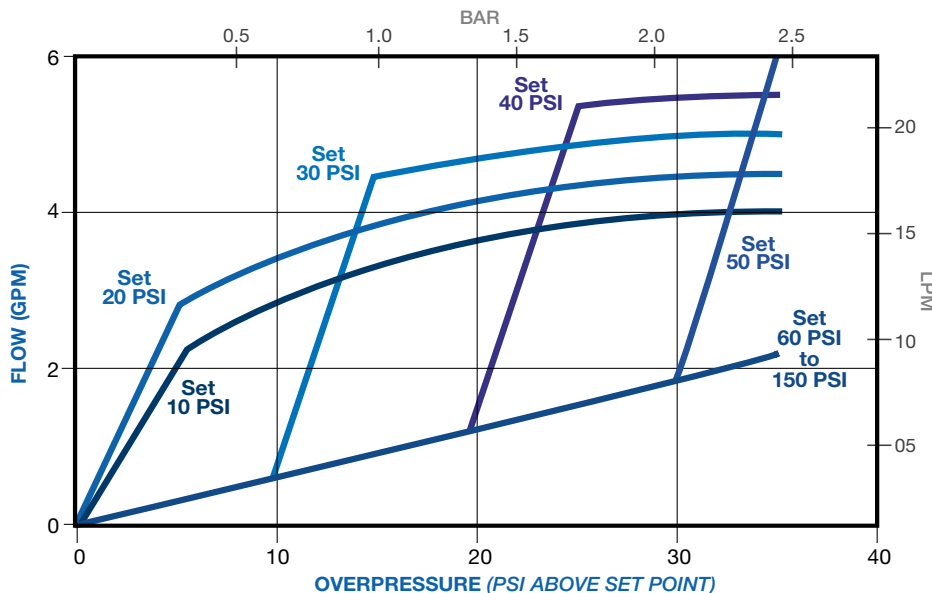
PIPE SIZE	PVC Model No.	POLYPRO* Model No.	PVDF Model No.	TEFLON Model No.
1/4"	RVD025V-PV	RVD025V-PP	RVD025V-PF	RVD025V-TF
1/2"	RVD050V-PV	RVD050V-PP	RVD050V-PF	RVD050V-TF

*Natural unpigmented polypropylene

For EPDM Seals change "V" to "EP"
For CPVC change -PV to -CP.

**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.
A	2	50.8	2.375	60.3
B	1.125	2.85	1.500	38.1
C	4	100.6	4.687	119.0
D	1.125	28.5	1.125	28.5
E	1.125	28.5	1.125	28.5