



MATERIALS OF CONSTRUCTION
Models: RV18VRS10, RV18VRS14,
RV18CBS2

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PART NAME	STANDARD MATERIALS	AVAILABLE OPTIONS
Cover, Housing	Ductile Iron: ASTM A536	
Adjusting Screw	Plated Steel	
Valve	Steel	
O-Rings	Buna-N	
Spring Cap	Carbon Steel	
Spring - Bypass	Steel	
Spring – VRS	Stainless Steel	
Ball – VRS	Non-Metallic	
Spring Ranges	87-196 psi (6.0-13.5 bar)	Range 80 - 138 psi (5.5 - 9.5 bar). ¹

PIPE CONNECTIONS

All Models	1" NPT Tapped Ports	
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OPERATING LIMITS

Maximum Differential Pressure	Maximum rating of the spring selected.
Hydrostatically Tested to:	1,015 psi (70 Bar)

