



Ventable, pilot-operated, anti shock relief cartridges limit maximum system pressure and also limit the rate of pressure rise. The valve opens and then ramps closed at a constant speed, independent of settings and flows. These 3 port valves include a vent port (port 3) that connects between the main piston and the pilot stage to provide for remote control by other pilot or 2-way valves. The adjust screw determines the maximum (relief) setting and the minimum (threshold) setting.

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	5000 psi
Control Pilot Flow	15 - 20 in ³ /min.
Factory Pressure Settings Established at	4 gpm
Pressure Ramp Up Time	300 - 500 ms
Response Time - Typical	2 ms
Adjustment - No. of CW Turns from Min. to Max. setting	4.5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-217-007
Seal kit - Cartridge	Polyurethane: 990-217-002
Seal kit - Cartridge	Viton: 990-217-006
U.S. Patent #	6,039,070

NOTES: • Patents are pending for this product.

CONFIGURATION OPTIONS

Model Code Example: RVGTLACN

CONTROL	(L)	ADJUSTMENT RANGE	(A)	SEAL MATERIAL	(N)	MATERIAL/COATING
L Standard Screw Adjustment		A 500 - 3000 psi (35 - 210 bar), 1000 psi (70 bar) Standard Setting		N Buna-N		Standard Material/Coating
C Tamper Resistant - Factory Set		B 500 - 1500 psi (35 - 105 bar), 1000 psi (70 bar) Standard Setting		V Viton		IAP Stainless Steel, Passivated
		C 1000 - 6000 psi (70 - 420 bar), 1000 psi (70 bar) Standard Setting				
		W 1000 - 4500 psi (70 - 315 bar), 1000 psi (70 bar) Standard Setting				