

VR7 Series

Pressure Relief Valve
Stainless Steel or Brass



Value Proposition:

The VR7 Series is an economical relief valve designed to vent excess pressure from a regulator should a minor seat leak occur. This valve is recommended for use with regulators to protect the regulator and outlet pressure gauge and is not intended for applications where repeated or frequent venting is required.

- Choice of seal materials for system compatibility
- Hex body provides wrench flats
- Available with a variety of connections
- Cleaned for O₂ service



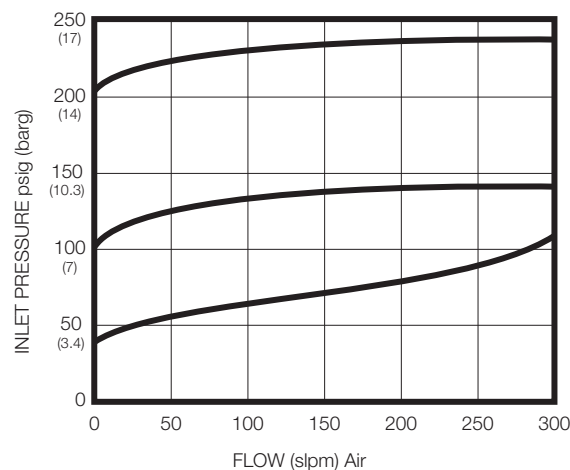
Note: The VR7 **SHOULD ONLY** be used to protect Article 3, Paragraph 3 category equipment as defined in Pressure Equipment Directive 97/23/EC Dated 29, May 1997.

Contact Information:

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Flow Curve

VR7 Series

Ordering Information

Build a VR7 Series valve by replacing the numbered symbols with an option from the corresponding tables below.

Color Explanations: Black = Standard Lead Time Configurations
Blue = Extended Lead Time Configurations
Green *Italic* = Express Service Program (ESP)

For an explanation of Ordering options please reference literature 25000275 at www.parker.com/veriflo

Sample: **VR7 44MF 1 S V**
Finished Order: **VR744MF1SV**

1 Connection (Inlet & Outlet)
44MF = 1/4" NPTM x 1/4" NPTF
4FSF = 1/4" FS Female x 1/4" NPTF
Available for Stainless Steel body Only
4FSM = 1/4" FS Male x 1/4" NPTF
Available for Stainless Steel body Only

NOTE: After relieving, service is required.

2 Adjustable Range
1 = 10 - 20 psig
2 = 20 - 100 psig
3 = 100 - 250 psig
4 = 250 - 500 psig
Product is shipped set to maximum setting of Adjustment Range. (Ex: 20-100 psig set to 100 psig.) For custom settings please consult factory.

3 Body Material
S = 316L Stainless Steel
B = Brass
4 Seal
K = FFKM
V = FKM

Specifications

Materials of Construction	
Wetted	
Body Options	316L Stainless Steel (std) or Brass
Seal Options	FKM (std) or FFKM
Spring	302 Stainless Steel
Poppet Options	PCTFE (std) or Brass
Screw Options	316L Stainless Steel (std) or Delrin
Operating Conditions	
Maximum Pressure	750 psig (52 barg)
Temperature	-30°F to 400°F (-35°C to 204°C)
Adjustable Ranges	10 - 20 psig (0.6 - 1.4 barg)
	20 - 100 psig (1.4 - 7 barg)
	100 - 250 psig (7 - 17 barg)
	250 - 500 psig (17 - 34 barg)

For additional information on materials of construction, functional performance and operating conditions, please contact factory.

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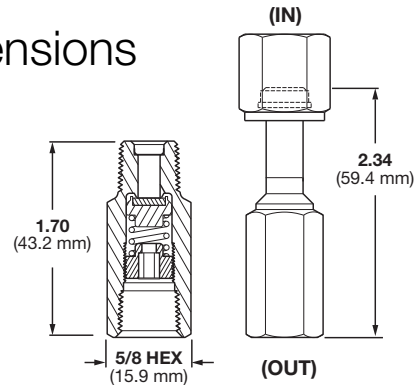
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Proposition 65 Warning: This product contains chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.

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Dimensions



Functional Performance

Flow Capacity	C _v 0.37
Approx. Weight	2.0 oz. (0.06 kg)



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