

RAA123 Filter Regulator

Materials	Aluminum
Pressure	250 psi
Ports	1/8" or 1/4"
Element	12.57.□

RAA123 series filter regulator housings are specified for 1/4" & 1/2" line size applications and have a filter element integrated into the regulator.

The housings are constructed from Aluminum with a plastic bonnet. The regulators can be supplied as relieving or non-relieving and the suffix .R or .NR should be used after the part number. Gauge ports are 1/8" NPT.

Springs can be supplied for 0-30, 0-60 and 0-120 psi, see table below for part number suffix.

Standard housings have NPT ports and Viton seals.



Technical Specifications

Housing Model	RAA123.101	RAA123.111	RAA123.161	RAA123.201	RAA123.211	RAA123.261
Port Size	1/8" NPT	1/8" NPT	1/8" NPT	1/4" NPT	1/4" NPT	1/4" NPT
Drain Port	None	1/8" NPT	Manual	None	1/8" NPT	Manual
Maximum Pressure, psi	250	250	250	250	250	250
Maximum Temperature, °F	140	140	140	140	140	140
Materials of Construction (1)						
Body	AL	AL	AL	AL	AL	AL
Bonnet	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Seal & Diaphragm	Viton	Viton	Viton	Viton	Viton	Viton
Other Internal Parts	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Filter Element Code (2)	12.57.□	12.57.□	12.57.□	12.57.□	12.57.□	12.57.□
Principle Dimensions in inches						
Diameter	1.55	1.55	1.55	1.55	1.55	1.55
Height	7.05	7.05	7.55	7.05	7.05	7.55
Weight, lbs	0.45	0.45	0.45	0.45	0.45	0.45
Type Suffix (3)						
Relieving	.R	.R	.R	.R	.R	.R
Non-relieving	.NR	.NR	.NR	.NR	.NR	.NR
Spring Suffix (3)						
0-30 psi	.30	.30	.30	.30	.30	.30
0-60 psi	.60	.60	.60	.60	.60	.60
0-120 psi	.120	.120	.120	.120	.120	.120
Accessories						
Mounting Bracket	MBRSP10	MBRSP10	MBRSP10	MBRSP10	MBRSP10	MBRSP10
Pressure Gauge (4)	SPRGA10	SPRGA10	SPRGA10	SPRGA10	SPRGA10	SPRGA10

Notes

- (1) Material abbreviations, AL = Aluminum,
- (2) Replace the □ with the grade required, e.g. 12.57.5K, 12.57.S10V
- (3) Add suffix for Relieving or Non-relieving types and for the spring type, (e.g. RAA123.101.N.120)
- (4) Add suffix for pressure gauge, (e.g. PRG10.A.PP)