

# RAN122

## Filter Regulator

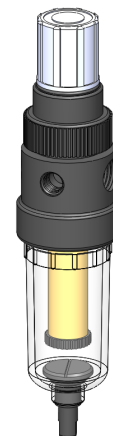
<b>Materials</b>	<b>Aluminum &amp; Polyimide</b>
<b>Pressure</b>	<b>150 psi</b>
<b>Ports</b>	<b>1/8" or 1/4"</b>
<b>Element</b>	<b>12.57.□</b>

RAN122 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 and polyimide 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	RAN122.101	RAN122.111	RAN122.161	RAN122.201	RAN122.211	RAN122.261
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	150	150	150	150	150	150
Maximum Temperature, °F	140	140	140	140	140	140
<b>Materials of Construction (1)</b>						
Body	AL & PA	AL & PA	AL & PA	AL & PA	AL & PA	AL & PA
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.□
<b>Principle Dimensions in inches</b>						
Diameter	1.55	1.55	1.55	1.55	1.55	1.55
Height	6.95	6.95	7.45	6.95	6.95	7.45
Weight, lbs	0.35	0.35	0.35	0.35	0.35	0.35
<b>Type Suffix (3)</b>						
Relieving	.R	.R	.R	.R	.R	.R
Non-relieving	.NR	.NR	.NR	.NR	.NR	.NR
<b>Spring Suffix (3)</b>						
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
<b>Accessories</b>						
Mounting Bracket	MBRSP10	MBRSP10	MBRSP10	MBRSP10	MBRSP10	MBRSP10
Pressure Gauge (4)	SPRGA10	SPRGA10	SPRGA10	SPRGA10	SPRGA10	SPRGA10

### Notes

(1) Material abbreviations, AL = Aluminum, PA = Polyimide

(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. RAN122.101.N.120)

(4) Add suffix for pressure gauge, (e.g. PRG10.A.PP)