

<b>Materials</b>	<b>Aluminium &amp; Polymide</b>
<b>Pressure</b>	<b>10 Bar</b>
<b>Ports</b>	<b>1/8" &amp; 1/4"</b>
<b>Element</b>	<b>12.32.□</b>

RAN112 series filter regulator housings are specified for 1/8" & 1/4" line size applications and have a filter element integrated into the regulator.

The housings are constructed from aluminium and polymide 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.

Springs can be supplied for 0-2, 0-4 and 0-8 Bar, see table below for part number suffix

Standard housings have NPT ports and Viton seals.



## Technical Specifications

Housing Model	RAN112.101	RAN112.111	RAN112.161	RAN112.201	RAN112.211	RAN112.261
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 Inlet Pressure, Bar	10	10	10	10	10	10
Maximum Temperature, °C	60	60	60	60	60	60
<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)	12.32.□	12.32.□	12.32.□	12.32.□	12.32.□	12.32.□
<b>Principal Dimensions in mm</b>						
Diameter	40	40	40	40	40	40
Height	161	161	174	161	161	174
Weight, kg	0.15	0.15	0.15	0.15	0.15	0.15
<b>Type Suffix (3)</b>						
Relieving	.R	.R	.R	.R	.R	.R
Non-relieving	.NR	.NR	.NR	.NR	.NR	.NR
<b>Spring Suffix (4)</b>						
0-2 Bar	.30	.30	.30	.30	.30	.30
0-4 Bar	.60	.60	.60	.60	.60	.60
0-8 Bar	.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 = Aluminium, PA = Polymide

(2) Replace the □ with the grade required, e.g. 12.32.5K, 12.32.S10V

(3) Add suffix for Relieving or Non-relieving types and for the spring type, (e.g. RAN112.101.N.120)

(4) Add suffix for pressure range, (e.g. PRGA10.120)

<b>Materials</b>	<b>Aluminium</b>
<b>Pressure</b>	<b>17 Bar</b>
<b>Ports</b>	<b>1/8" &amp; 1/4"</b>
<b>Element</b>	<b>12.32.□</b>

RAA113 series filter regulator housings are specified for 1/8" & 1/4" line size applications and have a filter element integrated into the regulator.

The housings are constructed from aluminium 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.

Springs can be supplied for 0-2, 0-4 and 0-8 Bar, see table below for part number suffix

Standard housings have NPT ports and Viton seals.



## Technical Specifications

Housing Model	RAA113.101	RAA113.111	RAA113.161	RAA113.201	RAA113.211	RAA113.261
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 Inlet Pressure, Bar	17	17	17	17	17	17
Maximum Temperature, °C	60	60	60	60	60	60
<b>Materials of Construction (1)</b>						
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)	12.32.□	12.32.□	12.32.□	12.32.□	12.32.□	12.32.□
<b>Principal Dimensions in mm</b>						
Diameter	40	40	40	40	40	40
Height	162	162	175	162	162	175
Weight, kg	0.20	0.20	0.20	0.20	0.20	0.20
<b>Type Suffix (3)</b>						
Relieving	.R	.R	.R	.R	.R	.R
Non-relieving	.NR	.NR	.NR	.NR	.NR	.NR
<b>Spring Suffix (4)</b>						
0-2 Bar	.30	.30	.30	.30	.30	.30
0-4 Bar	.60	.60	.60	.60	.60	.60
0-8 Bar	.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 = Aluminium

(2) Replace the □ with the grade required, e.g. 12.32.5K, 12.32.S10V

(3) Add suffix for Relieving or Non-relieving types and for the spring type, (e.g. RAA113.261.N.120)

(4) Add suffix for pressure range, (e.g. PRGA10.120)

<b>Materials</b>	<b>Aluminium &amp; Polymide</b>
<b>Pressure</b>	<b>10 Bar</b>
<b>Ports</b>	<b>1/8" &amp; 1/4"</b>
<b>Element</b>	<b>12.57.□</b>

RAN122 series filter regulator housings are specified for 1/8" & 1/4" line size applications and have a filter element integrated into the regulator.

The housings are constructed from aluminium and polymide 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.

Springs can be supplied for 0-2, 0-4 and 0-8 Bar, 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 Inlet Pressure, Bar	10	10	10	10	10	10
Maximum Temperature, °C	60	60	60	60	60	60
<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>Principal Dimensions in mm</b>						
Diameter	40	40	40	40	40	40
Height	177	177	190	177	177	190
Weight, kg	0.15	0.15	0.15	0.15	0.15	0.15
<b>Type Suffix (3)</b>						
Relieving	.R	.R	.R	.R	.R	.R
Non-relieving	.NR	.NR	.NR	.NR	.NR	.NR
<b>Spring Suffix (4)</b>						
0-2 Bar	.30	.30	.30	.30	.30	.30
0-4 Bar	.60	.60	.60	.60	.60	.60
0-8 Bar	.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 = Aluminium, PA = Polymide

(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. RAN122.261.N.120)

(4) Add suffix for pressure range, (e.g. PRGA10.120)

<b>Materials</b>	<b>Aluminium</b>
<b>Pressure</b>	<b>17 Bar</b>
<b>Ports</b>	<b>1/8" &amp; 1/4"</b>
<b>Element</b>	<b>12.57.□</b>

RAA123 series filter regulator housings are specified for 1/8" & 1/4" line size applications and have a filter element integrated into the regulator.

The housings are constructed from aluminium 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.

Springs can be supplied for 0-2, 0-4 and 0-8 Bar, 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 Inlet Pressure, Bar	17	17	17	17	17	17
Maximum Temperature, °C	60	60	60	60	60	60
<b>Materials of Construction (1)</b>						
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.□
<b>Principal Dimensions in mm</b>						
Diameter	40	40	40	40	40	40
Height	179	179	192	179	179	192
Weight, kg	0.20	0.20	0.20	0.20	0.20	0.20
<b>Type Suffix (3)</b>						
Relieving	.R	.R	.NR	.R	.R	.R
Non-relieving	.NR	.NR		.NR	.NR	.NR
<b>Spring Suffix (4)</b>						
0-2 Bar	.30	.30	.60	.30	.30	.30
0-4 Bar	.60	.60	.120	.60	.60	.60
0-8 Bar	.120	.120		.120	.120	.120
<b>Accessories</b>						
Mounting Bracket	MBRSP10	MBRSP10	SPRGA10	MBRSP10	MBRSP10	MBRSP10
Pressure Gauge (4)	SPRGA10	SPRGA10		SPRGA10	SPRGA10	SPRGA10

### Notes

(1) Material abbreviations, AL = Aluminium

(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. RAA123.261.N.120)

(4) Add suffix for pressure range, (e.g. PRGA10.120)