

|                  |                        |
|------------------|------------------------|
| <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)