

# RAA113 Filter Regulator

|                  |                     |
|------------------|---------------------|
| <b>Materials</b> | <b>Aluminum</b>     |
| <b>Pressure</b>  | <b>250 psi</b>      |
| <b>Ports</b>     | <b>1/8" or 1/4"</b> |
| <b>Element</b>   | <b>12.32.□</b>      |

RAA113 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                         | 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 Pressure, psi                 | 250        | 250        | 250        | 250        | 250        | 250        |
| Maximum Temperature, °F               | 140        | 140        | 140        | 140        | 140        | 140        |
| <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>Principle Dimensions in inches</b> |            |            |            |            |            |            |
| Diameter                              | 1.55       | 1.55       | 1.55       | 1.55       | 1.55       | 1.55       |
| Height                                | 6.40       | 6.40       | 6.90       | 6.45       | 6.45       | 6.90       |
| Weight, lbs                           | 0.45       | 0.45       | 0.45       | 0.45       | 0.45       | 0.45       |
| <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,
- (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. RAA113.101.N.120)
- (4) Add suffix for pressure gauge, (e.g. PRG10.A.PP)