

Materials 316L Stainless Steel
Pressure 250 psi
Ports 1/8" or 1/4"

RSP123 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 316L stainless steel 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.

The housings are free from welds and comply with NACE MR-01-75 and conform to SEP of PED 97/23/EC.



Technical Specifications

| Housing Model | RSP123.101 | RSP123.111 | RSP123.161 | RSP123.201 | RSP123.221 | RSP123.261 |
|---------------------------------------|------------|------------|------------|------------|------------|------------|
| 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 | 1/4" 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 | 316L SS | 316L SS | 316L SS | 316L SS | 316L SS | 316L SS |
| 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 | 6.90 | 6.90 | 7.50 | 6.90 | 6.90 | 7.50 |
| Weight, lbs | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 |
| 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, 316L SS = 316L Stainless Steel
- (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. RSP123.201.N.120)
- (4) Add suffix for pressure gauge, (e.g. PRG10.A.PP)