**Sandwich pressure regulator with manual adjust knob.**

**OPERATIONAL BENEFITS**

1. Easy mounting: saves on installation costs in comparison with inline regulators.
2. Allows to have compact, all-included units.
3. Large orifice provides high flow.
4. Various functions available.
5. Simple, reliable and solid design.

**HOW TO ORDER**

**INTERNAL PILOT REGULATORS**

<table>
<thead>
<tr>
<th>Gauges</th>
<th>Single pressure Regulator A and Same regulated pressure to ports A and B</th>
<th>Single pressure Regulator B and Same regulated pressure to ports A and B</th>
<th>Dual pressure Regulator A and Regulated pressure to port A</th>
<th>*</th>
<th>Dual pressure Regulator B and Regulated pressure to port B</th>
<th>*</th>
<th>Dual pressure Dual regulator Regulated pressures to ports A and B</th>
</tr>
</thead>
<tbody>
<tr>
<td>No gauge</td>
<td>PR250B-ACAA</td>
<td>PR250B-AAAA</td>
<td>PR250B-ADAA</td>
<td>PR250B-ABAA</td>
<td>PR250B-AEAA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dry Gauge</td>
<td>PR250B-ACCA</td>
<td>PR250B-AACA</td>
<td>PR250B-ADCA</td>
<td>PR250B-ABCA</td>
<td>PR250B-AEEA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerine</td>
<td>PR250B-ACBA</td>
<td>PR250B-AABBA</td>
<td>PR250B-ADBA</td>
<td>PR250B-ABBA</td>
<td>PR250B-AEDA</td>
<td></td>
<td></td>
</tr>
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<tr>
<td>No gauge</td>
<td>PR250B-BCAA</td>
<td>PR250B-AAAA</td>
<td>PR250B-ADAA</td>
<td>PR250B-ABAA</td>
<td>PR250B-ABBA</td>
<td>*</td>
<td>PR250B-BEAA</td>
</tr>
<tr>
<td>Dry Gauge</td>
<td>PR250B-BCCA</td>
<td>PR250B-BACA</td>
<td>PR250B-BDCA</td>
<td>PR250B-BBCA</td>
<td>PR250B-BBCA</td>
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<td>PR250B-BBBA</td>
<td>*</td>
<td>PR250B-BEDA</td>
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* - To be used with dual pressure valves.

Valve code is: MAC250A-VXX4-PM-XXYZZ (valves must be external pilot models for either single or dual pressure valves)

Note: regulating pressure range for above models is 7-120 PSI. For other ranges see technical data page.
# Technical Data

<table>
<thead>
<tr>
<th>Fluid</th>
<th>Compressed air, inert gases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure range</td>
<td>0 to 150 PSI</td>
</tr>
<tr>
<td>Regulating range</td>
<td>7 to 120 PSI (other ranges see below)</td>
</tr>
<tr>
<td>Lubrication</td>
<td>Not required, if used select a medium aniline point lubricant (between 180°F to 210°F)</td>
</tr>
<tr>
<td>Filtration</td>
<td>40 µ</td>
</tr>
<tr>
<td>Temperature range</td>
<td>0°F to 120°F (-18°C to 50°C)</td>
</tr>
<tr>
<td>Flow</td>
<td>(4.7 Cv)</td>
</tr>
</tbody>
</table>

Spare parts:
- Pressure regulator (less sandwich block): PR250B-C0AA (KNOB)
- Gauges: N-82016-01 (perpendicular)
- N-82016-02 (parallel)

Regulating range options: PR250B-XXXA - Replace by B - 7 to 60 PSI

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## Dimensions

Dimensions shown are metric (mm)

![Diagram of MAC Series PR 250B](image-url)

- 408.6 SINGLE AND DOUBLE PILOT REGULATOR "A" AND "B"
- 323.9 SINGLE AND DOUBLE PILOT REGULATOR "B" END
- 301.1 SINGLE PILOT REGULATOR "A" END
- 301.1 SINGLE AND DOUBLE PILOT REGULATOR "A"
- 5.4
**Sandwich pressure regulator with air pilot adjust.**

**OPERATIONAL BENEFITS**
1. Easy mounting: saves on installation costs in comparison with inline regulators.
2. Allows to have compact, all-included units.
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**HOW TO ORDER**

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<tbody>
<tr>
<td>No gauge</td>
<td>PR250B-DCAA</td>
<td>PR250B-DAAA</td>
<td>PR250B-DDAA</td>
<td>PR250B-DBAA</td>
<td>PR250B-DEAA</td>
</tr>
<tr>
<td>Dry Gauge</td>
<td>PR250B-DCCA</td>
<td>PR250B-DACA</td>
<td>PR250B-DDCA</td>
<td>PR250B-DBCA</td>
<td>PR250B-DEEA</td>
</tr>
<tr>
<td>Glycerine Gauge</td>
<td>PR250B-DCBA</td>
<td>PR250B-DABA</td>
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<tbody>
<tr>
<td>No gauge</td>
<td>PR250B-ECAA</td>
<td>PR250B-EAAA</td>
<td>PR250B-EDAA</td>
<td>PR250B-EBAA</td>
<td>PR250B-EDEAA</td>
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<td>PR250B-ECCA</td>
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* - To be used with dual pressure valves.
Valve code is: MAC250A-VXX4-PM-XXYZZ (valves must be external pilot models for both single or dual pressure valves)
### TECHNICAL DATA

<table>
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<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
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<td>Fluid</td>
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**Spare parts:**
- Pressure regulator (less sandwich block): PR250B-F0AA
- Gauges: N-82016-01 (0-120 PSI perpendicular), N-82016-02 (0-120 PSI parallel)

### DIMENSIONS

Dimensions shown are metric (mm)

```
Dimensions shown are metric (mm)
```
### Manual adjust

**Single regulator - Single pressure**

- P. 305
- P. 309
- P. 313

**Single regulator - Dual pressure**

- P. 305
- P. 309
- P. 313

**Dual regulator - Dual pressure**

- P. 305
- P. 309
- P. 313

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**Single regulator - Single pressure**

- P. 317
- P. 321
- P. 325

**Single regulator - Dual pressure**

- P. 317
- P. 321
- P. 325

**Dual regulator - Dual pressure**

- P. 317
- P. 321
- P. 325

---

**Single regulator - Single pressure**

- P. 329
- P. 333

**Single regulator - Dual pressure**

- P. 329
- P. 333

**Dual regulator - Dual pressure**

- P. 329
- P. 333

---

Consult “Precautions” page 364 before use, installation or service of MAC Valves.
Air adjust

Single regulator  Single pressure

Single regulator  Dual pressure

Dual regulator  Dual pressure

P. 307  P. 307  P. 307
P. 311  P. 311  P. 311
P. 315  P. 315  P. 315

Single regulator  Single pressure

Single regulator  Dual pressure

Dual regulator  Dual pressure

14  4  2  12
P. 319  P. 319  P. 319
P. 323  P. 323  P. 323
P. 327  P. 327  P. 327

Single regulator  Single pressure

Single regulator  Dual pressure

Dual regulator  Dual pressure

P. 331  P. 331  P. 331
P. 335  P. 335  P. 335

Consult “Precautions” page 364 before use, installation or service of MAC Valves.