



# Parker Global Air Prep System Mini Air Pressure Regulators - P31R Series | #P31RB12BNNP

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## Local Manufacturer

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P31R is a 40mm mini regulator, 1/4" ported BSPP/NPT. Max P1 pressure of 17 bar with P2 ranges 0 to 2, 4, 8 & 16 bar. Temp from -10°C to 65.5°C. Offering flow rates up to 32 dm<sup>3</sup>/s

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## Technical Specifications

<b>Pressure Control Range (bar):</b>	0 to 8
<b>Pressure Regulator Type:</b>	Relieving
<b>Port Type:</b>	BSPP
<b>Pressure Gauge:</b>	No
<b>Flow Rate:</b>	0 - 44 / Low dm <sup>3</sup> /sec, 0 - 99 / Low SCFM, 68 SCFM, 32 dm <sup>3</sup> /sec
<b>Port Size:</b>	1/4 inch, 1/4"
<b>Gauge Port Size:</b>	1/8 inch, 1/8"
<b>Product Type:</b>	Mini Regulator, Pneumatic Regulator - Manual Adjustable
<b>Pressure Control Range:</b>	0 to 125 psig, 0 to 8 bar, 0 - 125 psig, 0 - 8 bar

**Maximum Inlet Pressure Rating:** 0 to 300 psig, 0 to 20 bar

**Pressure Regulator Type:** Relieving

**Port Type:** BSPP

**Operating Temperature:** -4° to +150° °F, -20° to +65.5° °C

**Body Material:** Aluminum

**Seal Material:** Nitrile

**Weight:** 0.17 kg, 0.37 lb

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## Item Information

Parker's P31R is a mini pressure regulator with balanced poppet design for low space restricted applications, offering quick response and accurate pressure regulation. For low flow and space restricted applications this product can provide a solution that does not sacrifice performance. The P31R can also be mounted using a modular connector to other P31 global air preparation product. The various options available such as pressure gauge, relieving & non-relieving, pressure range, preset pressures and tamperproof options make this series easy to design to your application.

### Markets

- Factory Automation
  - Machine Tools
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