

# R Series Regulators

HPC Single and Two Stage Regulators



R21



R31

Calgaz offers a choice of standard high pressure regulators for use with our High Pressure Cylinders (HPC's)

The R21 is a single stage, high purity regulator, designed for applications where low-flow is required. The R31 is a dual-stage, high purity style regulator, designed for applications where a consistent outlet pressure and flow is desired. Both R21 and R31 are available in nickel-plated brass and stainless steel.

All stocked R21 and R31 regulators are supplied with 1/4" NPT Female inlet and outlet fittings. Calgaz can supply connectors to fit British Standard (BS), DIN and CGA cylinders.

For more information or requests regarding other regulators for HPC applications please contact us.

## Features

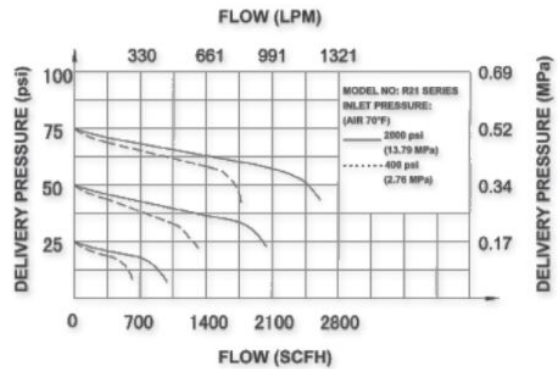
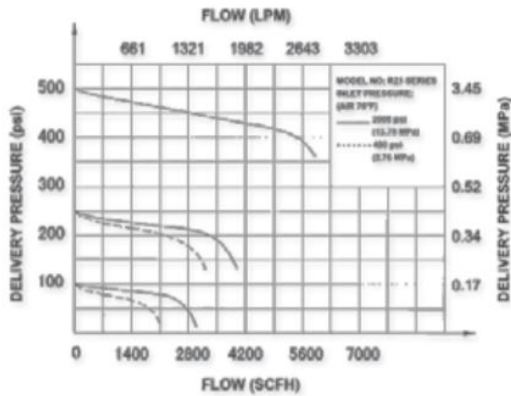
	Configuration	Inlet Pressure	Outlet Pressure	Body Port Size	Material	Stability	Weight
R21B	Single Stage	137bar (2000psi)	3.5 or 7 bar	1/4" NPT(F)	NI-Brass	Non reactive Gases	1.8 kg (4 lbs)
R21S	Single Stage	137bar (2000psi)	3.5 or 7 bar	1/4" NPT(F)	NI-Brass	Reactive Gases	1.8 kg (4 lbs)
R31B	Two Stage	137bar (2000psi)	3.5 or 7 bar	1/4" NPT(F)	NI-Brass	Non-Reactive Gases	2.1 kg (4.6lbs)
R31S	Two Stage	137bar (2000psi)	3.5 or 7 bar	1/4" NPT(F)	Stainless Steel	Reactive Gases	2.1 kg (4.6lbs)

**Temperature Range:** 40°F to 165°F (-40°C to 74°C)

**Temperature Range** 2 x 10 atm.cc/sec He

**Connectors** 1/4" NPT(F) to available with British Standard (BS), US CGA or DIN

### Flow Diagrams R21



### Flow Diagrams R31

