

1000 Series Regulators

Fixed Pressure Regulators



1001



1002



1003

Calgaz, the world's leading manufacturer of calibration gases and equipment is proud to offer the most comprehensive range of specialist regulators in the world for non-refillable and portable gas cylinders.

The combination of the piston first stage and stainless steel diaphragm second stage offers a high degree of accuracy and control without adjusting the delivery pressure as the supply pressure decreases. The 1000 Series high pressure regulators are designed for use with many low ppm corrosive gases and gas mixtures where high purity, low flow rates and stable delivery pressure must be maintained. The compact regulator size fits easily into tight spaces.

The 1000 series offers three outlet pressures designed for your needs. The 1001 model is for low outlet pressures up to 10 psi, the 1002 model up to 50 psi and the 1003 model up to 100 psi. The series can also be supply with C10 connectors upon request.

All regulators carry a 24 month warranty and we recommend replacing them after 5 years of service and can often be shipped to you the next working day. Contact us to find out more information.

If you want to find out more information or get a quote,
please contact us at: info@calgaz.com

| PERFORMANCE | | | | | | |
|-------------|-------------|---------------|--------|-----------------------|-------------------------|---------------------------|
| | Inlet | Outlet | Stages | Max Inlet Pressure | Max Outlet Pressure | Gauge/Knob |
| 1001 | 1/4-18" NPT | 1/8" - 27 NPT | 2 | 207 Bar (3000 Psi) | 0-0.7 Bar (0-10 Psi) | 0-207 Bar (0-3000 Psi) |
| 1002 | 1/4-18" NPT | 1/8" - 27 NPT | 2 | 207 Bar (3000 Psi) | 0-3.5 Bar (0-50 Psi) | 0-207 Bar (0-3000 Psi) |
| 1003 | 1/4-18" NPT | 1/8" - 27 NPT | 2 | 207 Bar (3000 Psi) | 0-7 Bar (0-100 Psi) | 0-207 Bar (0-3000 Psi) |

| MATERIALS OF CONSTRUCTION | | | | | |
|---------------------------|----------|-----------------|-------------|--------|--------------|
| | Body | Diaphragm | Piston Seal | Seat | Weight |
| 1001 | Ni-Brass | Stainless Steel | Viton | Teflon | 0.63kg (1lb) |
| 1002 | Ni-Brass | Stainless Steel | Viton | Teflon | 0.63kg (1lb) |
| 1003 | Ni-Brass | Stainless Steel | Viton | Teflon | 0.63kg (1lb) |

| GAS SUITABILITY | | | | |
|-----------------|--------------|-----------|----------|-----------------------------------|
| | Non-Reactive | H2S & SO2 | NO & NO2 | Cl2, HCL, NH3, PH3, SiH4 & HCN |
| 1001 | Suitable | Suitable | Suitable | Not recommended |
| 1002 | Suitable | Suitable | Suitable | Not recommended |
| 1003 | Suitable | Suitable | Suitable | Not recommended |

| CYLINDERS COMPATIBILITY | | | | | | |
|-------------------------|-----|------|----|-----|------|-------|
| | 2AL | 5ELR | 6D | 8AL | 10AL | 65ALR |
| 1001 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1002 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1003 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

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