

Saffire 300 Series 1ec Single-Stage Regulators



The single stage range of Saffire regulators continue the Saffire tradition of providing a comprehensive selection of robust and reliable units for the control of industrial fuel gases.

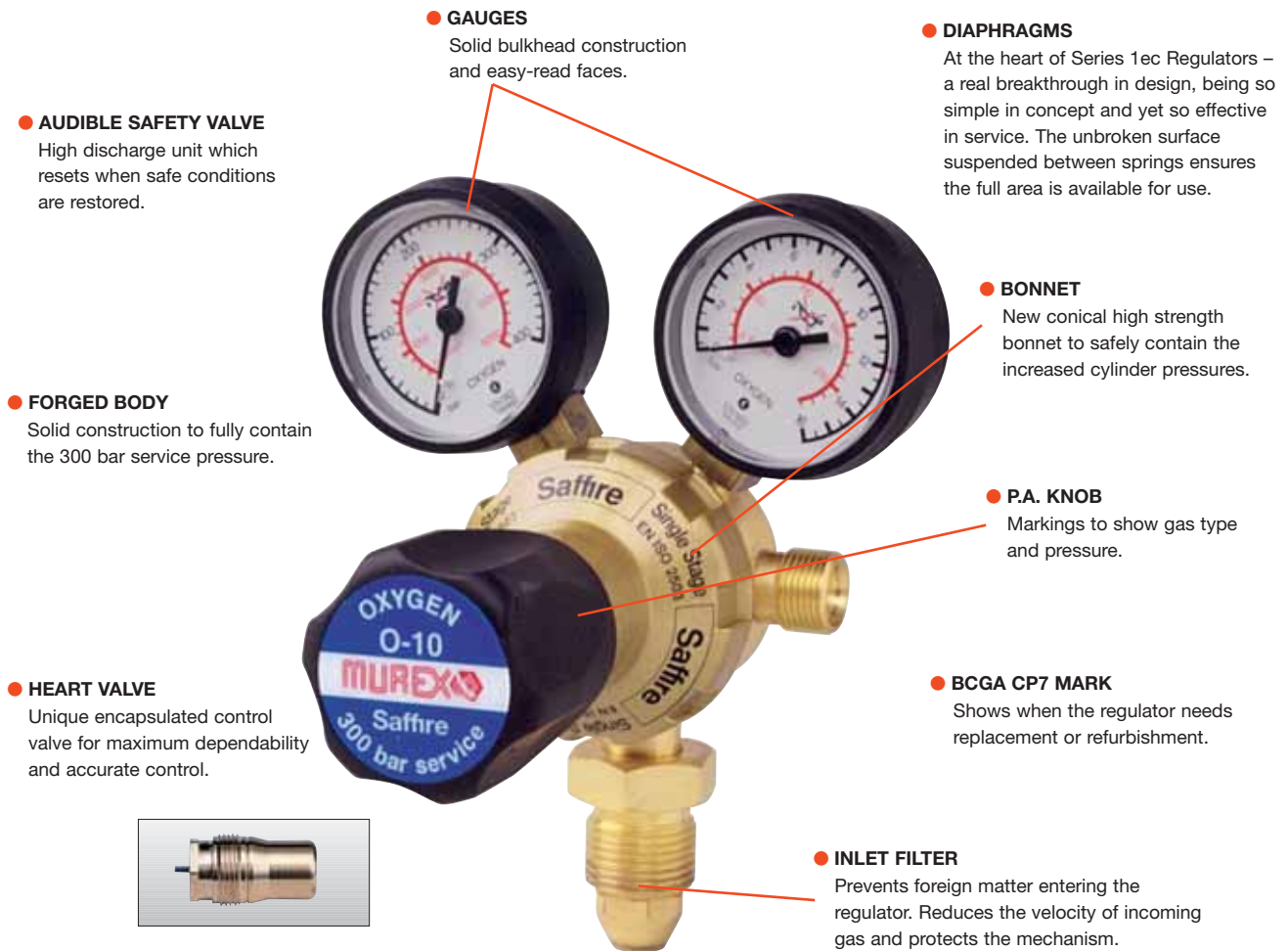
The Saffire “Heart Valve” is at the heart of every regulator and provides full encapsulation of the working parts for maximum dependability. This component is custom designed for the specific gas service with both high tensile brass and stainless steel variants as appropriate.

All the Saffire 300 Series 1ec regulators are fully compliant and certified to BS EN ISO 2503.

- Solid forged brass body with all operational data permanently engraved
- Fully compliant and certified to BS EN ISO 2503
- Unique encapsulated valve design for maximum control
- Easy read gauge faces calibrated in bar and psi
- High strength bonnet to provide full 300 bar inlet capability
- Solid bulkhead gauges with clear faces

For very heavy duty applications in arduous conditions both gaugeless and indicator regulators are available.

The indicator provides a reference to the contents of the cylinder but cannot be easily damaged like a gauge. Ideal for site work and scrap reclamation.



Footnote

Connections are RH for Oxygen, Argon.
LH for Acetylene, Propane.

Max Inlet Pressure – Acetylene & Propane 25 bar (362lbf/in²) Oxygen 300 bar (4350lbf/in²)

* It is recommended that flashback arrestors are fitted when using these regulators for oxy/fuel gas processes.



| Maximum pressures are those achievable with flowrates as defined in BS EN ISO 2503. Maximum flow is achievable at expense of pressure. | | Max Outlet bar | Pressure psi | Max Flow | | Model (Gas-Bar) | Part No |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------|--------------|----------|--------------------|-----------------|-------------|
| | | | | Lit/Min | Ft ³ /h | | |
| Acetylene | General welding, cutting & heating applications | 1.3 | 18.75 | 313 | 650 | A-1.5 | 0701282685* |
| Oxygen | General cutting & welding | 4 | 60 | 820 | 1740 | O-4 | 0701282681* |
| Oxygen | Cutting & heating | 10 | 145 | 1170 | 2480 | O-10 | 0701282682* |
| Inert | Purging & pressurising leak detection | 10 | 145 | 500 | 1060 | N-10 | 0701300011 |
| Single Stage Gaugeless Regulators, Indicator and Propane Versions | | | | | | | |
| Acetylene | Scrap cutting & heating, welding & cutting | 1.3 | 18.75 | 313 | 650 | A-1.5 Indicator | 0701282686* |
| Oxygen | Scrap cutting & heating, welding & cutting | 10 | 145 | 1170 | 2480 | O-10 Indicator | 0701282683* |
| Propane | Scrap cutting & heating, welding & cutting | 4 | 60 | 267 | 560 | P-4 Gaugeless | 0701282687* |