

INDUSTRIAL REGULATORS

RC SERIES HEAVY DUTY, SINGLE STAGE REGULATORS

The RC Series of Heavy Duty, Single Stage regulator models utilize Western's "Pressure Compensated" design. For applications that require high flow rates, this design allows consistent delivery pressures by minimizing fluctuation over a wide range of inlet pressure. The unique cartridge design allows for fast, easy replacement of vital internal parts (seat, nozzle, filter, spring, and seals) without having to remove the bonnet. These heavy duty regulators are designed to provide the flow rates needed to meet the requirements of the most demanding industrial applications.

- Machine brass body resists corrosion and extends service life
- Durable 2-3/4" neoprene diaphragm to maintain consistent delivery pressure
- Self re-seating safety relief protects against over pressurization
- Dual inlet filters extends regulator service life
- 2-1/2" dual scale gauges
- Low friction, replaceable thrust bushing for easy adjustment
- Three year warranty
- Made in USA



RC-9-3

| MODEL | CGA INLET GAS SERVICE | DELIVERY CAPACITY (PSIG) | FLOW CAPACITY (SCFH) | INLET PRESSURE (PSIG) | OUTLET | REPLACEMENT CARTRIDGE |
|--------|-----------------------|--------------------------|----------------------|-----------------------|--------------|-----------------------|
| RC-7-3 | 580 Inert | 0-100 | 6060* | 0-3000 | 9/16"-18 RHM | RWC-3-49 |
| RC-9-3 | 540 Oxygen | 0-100 | 5700 | 0-3000 | 9/16"-18 RHM | RWC-3-49 |

* Nitrogen

RD SERIES HEAVY DUTY, TWO STAGE REGULATORS

The RD Series Heavy Duty Two Stage regulators models are designed for applications where consistent delivery pressure is critical. The Two Stage design provides precise uniformity of delivery pressure to meet the most exacting requirements. In addition to heavy duty industrial use, these regulators are appropriate for laboratory applications and general use.

- Heavy Duty forged brass body and bonnet
- 2-3/4" neoprene diaphragm provides highly sensitive regulation
- Durable neoprene seat assembly
- Dual inlet filters extends regulator service life
- 2-1/2" dual scale gauges
- Dual Safety Relief Valves protect against over pressurization
- Low friction, replaceable thrust bushing allows for easy adjustment
- Three year warranty
- Made in the USA



RD-7-4

| MODEL | CGA INLET GAS SERVICE | DELIVERY CAPACITY (PSIG) | FLOW CAPACITY (SCFH) | INLET PRESSURE (PSIG) | OUTLET |
|------------|-----------------------|--------------------------|----------------------|-----------------------|--------------|
| RD-1-1 ** | 510 Acetylene | 0-15 | 800 | 0-400 | 9/16"-18 LHM |
| RD-1A-1 ** | 300 Acetylene | 0-15 | 800 | 0-3000 | 9/16"-18 LHM |
| RD-4-3 | 320 Carbon Dioxide | 0-100 | 3178 | 0-3000 | 9/16"-18 RHM |
| RD-7-4 | 580 Inert | 0-160 | 4300* | 0-3000 | 9/16"-18 RHM |
| RD-9-4 | 540 Oxygen | 0-160 | 4060 | 0-3000 | 9/16"-18 RHM |

** Non self re-seating pressure relief valves

* Nitrogen

Made In The U.S.A.