

# CO2 Aluminum Regulator with Flow Meter

This high-flow CO2 aluminum regulator ensures precise gas flow control. It features a flow meter calibrated for CO2 and a pressure gauge displaying pressure in both psi and bar.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance CO2 Regulation

The SR300 Series is a high-flow aluminum regulator engineered specifically for CO2 applications. Featuring a robust machined aluminum body and a stem-type seat mechanism, it ensures reliable gas delivery for core wire applications and other industrial processes requiring consistent flow. Designed for non-siphoned tube cylinders, this regulator provides precise control through an integrated flow meter and pressure gauge system.

## Performance Specifications

Maximum Inlet Pressure	1500 PSIG
Delivery Range	100 SCFH

## Design & Construction

Body Material	Machined Aluminum
Diaphragm Size	44.5 mm
Diaphragm Material	Fabric reinforced neoprene
Safety Features	Self-reseating relief valve, Sintered bronze inlet filter

## Operational Guidelines

### Important Operational Note

This regulator uses a flow gauge which may become inaccurate if back pressure exceeds 2 PSIG. Back pressure is commonly caused by downstream restrictions such as metering valves, kinked hoses, or excessively long hoses. In environments where back pressure is likely, utilizing a regulator equipped with a flow meter is recommended to ensure accuracy.

### Suitable Applications

- CO2 applications (non-siphoned tube cylinders)
- High flow CO2 applications
- Core wire applications