

Manual Control Valves

The 535 Series manual control valves provide an economical means of controlling gas flow directly from a cylinder. These valves do not control pressure or back pressure in a system. If greater flow accuracy or pressure control is required, CONCOA recommends the use of an appropriate regulator. The 535 Series manual control valves are available with a variety of connections, with or without a pressure gauge.



Materials and Specifications

- *Maximum Inlet Pressure*
3000 PSIG (210 BAR)
- *Temperature Range*
-65°F to 250°F (-54°C to 120°C)
- *Outlet Connection*
¼" Compression Tube
- *Weight (without gauge)*
1.0 lbs. (0.45 kg)
- *Weight (with gauge)*
1.1 lbs. (0.5 kg)

Ordering Information

Stock Number	Body	Gauge
535-2030-CGA	Forged Chrome-Plated Brass	Without Pressure Gauge
535-2031-CGA	Forged Chrome-Plated Brass	With Pressure Gauge (0 to 4000 PSI)
535-2032-CGA	Forged 303 Stainless Steel	Without Pressure Gauge
535-2033-CGA	Forged 303 Stainless Steel	With Pressure Gauge (0 to 4000 PSI)

Lecture Bottle Control Valves

The 535 Series lecture bottle control valves are specifically designed for attachment to lecture bottle to dispense their contents in situations where precise pressure control is not required.



Materials and Specifications

- *Maximum Inlet Pressure*
3000 PSIG (210 BAR)
- *Temperature Range*
-65°F to 250°F (-54°C to 120°C)
- *Valve Packing*
Teflon®
- *Valve Stem*
Stainless Steel

Ordering Information

Stock Number	Inlet Connection	Body	Outlet Connection	Tubing
550-0250-170	CGA 170 (brass)	Brass	¼" Hose Barb	Hose Barb
550-0250-180	CGA 180 (brass)	Brass	¼" Hose Barb	Hose Barb
550-0251-170	CGA 170 (brass)	Brass	¼" Compression Tube Fitting	10" Brass tubing
550-0251-180	CGA 180 (brass)	Brass	¼" Compression Tube Fitting	10" Brass tubing
550-0252-170	CGA 180 (stainless steel)	316 Stainless Steel	¼" Compression Tube Fitting	10" Stainless Steel tubing