

High-Flow Regulators

High-Purity for Noncorrosive/Corrosive Service

Model 228

Available in brass and stainless steel, these single-stage regulators are designed for high-flow applications that are capable of flowrates in excess of 60 SCFM. The brass version can be used for noncorrosive applications, while the stainless steel version can be used for corrosive applications.



Benefits/Features

Unique balanced poppet stem design minimizes effect on delivery pressure caused by changes in inlet pressure.

Designed to handle high flow in excess of 60 SCFM.

Threaded holes in rear of regulator allow for front panel mounting.

Specifications

Inlet Pressure: 3000 psig (207 bar) maximum

Operating Temperature Range: -40°F to 140°F (-40°C to 60°C)

Flow Coefficient: $C_v = 0.6$

Supply Pressure Effect: 1 psi per 100 psi (0.1 bar per 7 bar)

Regulator Inlet Port: 1/4" NPT Female

Inlet Connection: Specify CGA

Outlet Connection: 1/4" NPT Female and all other configurations.

Gauge Size: 2.5" (67 mm) face

Weight:

Brass: 5.8 lbs. (2.6 kg)

Stainless steel: 6 lbs. (2.7 kg)

Materials of Construction

Body: Brass bar stock or 316 Stainless Steel

Diaphragm: 316 Stainless Steel

Seat: PCTFE

Seals: PTFE

Bonnet: Nickel-plated brass

Gauges: Brass or stainless steel

Model 228		Delivery Pressure Range		Delivery Pressure Gauge (dual scale)		Cylinder Pressure Gauge (dual scale)	
		psig	bar	psig	bar	psig	bar
Brass	Stainless Steel						
Q1-228AB-(*)	Q1-228AS-(*)	2 – 30	0.1 – 2	0 – 60	0 – 4	0 – 4000	0 – 275
Q1-228BB-(*)	Q1-228BS-(*)	4 – 75	0.3 – 5	0 – 100	0 – 7	0 – 4000	0 – 275
Q1-228CB-(*)	Q1-228CS-(*)	10 – 150	0.7 – 10	0 – 200	0 – 14	0 – 4000	0 – 275
Q1-228DB-(*)	Q1-228DS-(*)	20 – 250	1 – 17	0 – 400	0 – 28	0 – 4000	0 – 275

* Specify CGA. Other cylinder connections are available – please contact your Air Liquide representative.