Models 213 and 215
For corrosive service

These stainless steel regulators provide outstanding performance in applications involving high delivery pressure where maintenance of gas purity is essential. The single-stage design is recommended for use where inlet pressure does not vary greatly such as with liquefied gases, or where periodic readjustment of delivery pressure setting does not present a problem. Two-stage design provides constant delivery pressure with no need for periodic readjustment.

Model 213

Model 215

Features

Stainless steel diaphragm minimizes diffusion of air into regulator and eliminates off-gassing.
Convoluted stainless steel diaphragm provides excellent delivery pressure accuracy.
Filter traps foreign matter, extends regulator life and reduces maintenance.
Threaded bonnet allows for easy panel mounting.
Threaded holes in rear of single-stage regulator allow for front panel mounting.
Stainless steel diaphragm-sealed outlet valve provides on/off flow control and helps maintain gas purity.

Materials of Construction

Body: 316 Stainless Steel
Diaphragms: 316 Stainless Steel
Seats: PCTFE
Seals: PTFE
Gauges: Stainless steel
Bonnet: 300 Stainless Steel

Specifications

Inlet Pressure:
3000 psig (207 bar) maximum
Operating Temperature Range:
-40°F to 140°F (-40°C to 60°C)
Flow Coefficient:
213: Cv = 0.06
215: Cv = 0.05
Supply Pressure Effect:
213: 2 psi per 100 psi
(0.1 bar per 7 bar)
215: 0.04 psi per 100 psi
(0.003 bar per 7 bar)

Regulator Inlet Port: 1/4" NPT Female
Inlet Connection: Specify CGA
Outlet Connection: 1/4" NPT Female
Gauge: 2" (53 mm) face
Weight:
213: 3.4 lbs. (1.5 kg)
215: 4.9 lbs. (2.2 kg)

Models 213, 215 Stainless Steel	Delivery Pressure Range		Delivery Pressure Gauge (dual scale)		Cylinder Pressure Gauge (dual scale)	
	psig	bar	psig	bar	psig	bar
Single-stage						
Y111213A(*)-AL	1 – 30	0.1 – 2	30" Vac – 0– 60	-1 – 0– 4	0 – 4000**	0 – 276
Y111213B(*)-AL	2 – 75	0.1 – 5	30" Vac – 0– 100	-1 – 0– 7	0 – 4000**	0 – 276
Y111213C(*)-AL	4 – 150	0.3 – 10	30" Vac – 0– 200	-1 – 0– 14	0 – 4000	0 – 276
Y111213D(*)-AL	7 – 300	0.5 – 21	0 – 400	0 – 28	0 – 4000	0 – 276
Y111213E(*)-AL	10 – 500	0.7 – 35	0 – 600	0 – 41	0 – 4000	0 – 276
Two-stage						
Y121215A(*)-AL	1 – 30	0.1 – 2	30" Vac – 0– 60	-1 – 0– 4	0 – 4000	0 – 276
Y121215B(*)-AL	2 – 75	0.1 – 5	30" Vac – 0– 100	-1 – 0– 7	0 – 4000	0 – 276
Y121215C(*)-AL	4 – 150	0.3 – 10	30" Vac – 0– 200	-1 – 0– 14	0 – 4000	0 – 276
Y121215D(*)-AL	7 – 300	0.5 – 21	0 – 400	0 – 28	0 – 4000	0 – 276
Y121215E(*)-AL	10 – 500	0.7 – 35	0 – 600	0 – 41	0 – 4000	0 – 276

* Specify CGA number to complete the part number. Other cylinder connections are available – please contact your Airgas representative.
** For low-pressure cylinders with <300 psig (21 bar), the Model 213 regulator is available with 0 – 400 psig (28 bar) cylinder gauges. Add "4G" to the model number before the specified CGA. Example: Y111213A4G660-AL.

OPTIONS: Model No. Y991PMNCP-AL chrome-plated panel mounting nut.

Contact us
Specialty Gas Equipment from Airgas
800.654.2737 | TaylorsCS@airgas.com
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