



# Models 3320 Series Single-Stage Economy Non-Corrosive Lecture Bottle Regulator



### Description

An economical and compact regulator for use with non-corrosive gases in lecture bottles.

### Applications

- Non-corrosive gases in lecture bottles

### Design Features/Components

- Forged brass body
- Neoprene diaphragm
- 1-1/2" inlet and delivery pressure gauges
- Equipped with needle valve
- 1/8" NPTM outlet connection
- Porous metal filter protects seat from contamination
- Hose barb supplied for outlet
- CGA 170 connection is standard

### Materials of Construction

Gauges:	Chrome plated brass
Body:	Brass
Bonnet:	Chrome plated die cast zinc
Diaphragm:	Neoprene
Seat:	Kel-F
Seals:	Neoprene

### Specifications

Maximum Inlet Pressure:	3000 psig (20,700 kPa)
Maximum Flow Rate:	Model 3320: 175 SCFH (83 SLPM)
(At 2000 psig, N <sub>2</sub> )	Model 3321: 175 SCFH (83 SLPM)
	Model 3322: 50 SCFH (24 SLPM)
Flow Capacity (Cv):	0.08 (without needle valve)
Operating Temperature:	-20°F to 140°F (-29°C to 60°C)
Porting (Regulator Body):	1/8" NPT Female
Porting Configuration:	2 High, 2 Low
Shipping Weight:	7 lbs

### Ordering Information

Model Number	Delivery Pressure Range	Delivery Pressure Gauge	Cylinder Pressure Gauge
3320 (CGA 170)*	4-60 psig	0-100 psig	0-3000 psig
3321 (CGA 170)	4-60 psig	0-100 psig	None
3322 (CGA 170)	2-15 psig	0-30 psig	0-3000 psig

*Other CGA Connections Available for 3320 Series: 320, 350, 510, 540, 580, 590*

### Options

Model Number	Description
WAS-0038-NA	Gaskets for CGA 170