



GLB Series General Purpose, Single-Stage, Brass Line Regulator

SPECIFICATION

Applications

Non-corrosive gases

- Brass body

Medium flow applications

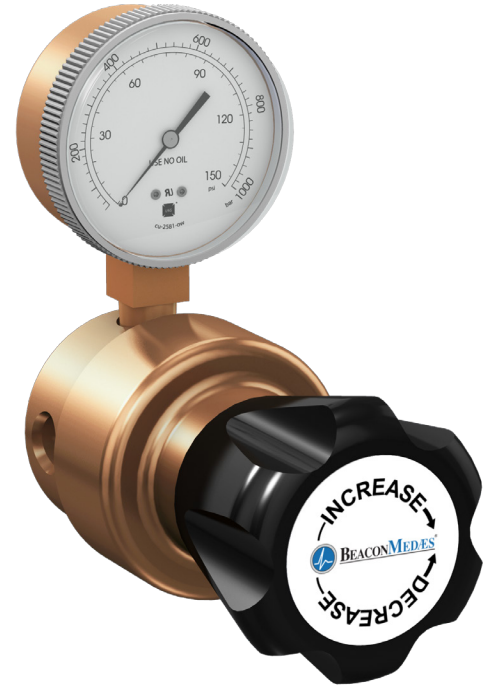
- Cv of 0.17

Recommended for gas purity up to Grade 4.0 (99.99% pure)

- Suitable for general purpose laboratory applications
- Not recommended for applications sensitive to elastomers

For pipelines

- Mounted on the pipeline, with delivery pressure gauge (no inlet gauge)



Key Features

Neoprene diaphragm

- Permits accurate delivery pressure settings

One-piece encapsulated seat design

- Ease of maintenance and ease of cleaning

Tamper-proof self re-seating internal valve

- Maintains regulator integrity and reduces maintenance

Ordering Information

GLB - - **4FB** -
 A **B** **C** **D**

Part Number Matrix - GLB

A	
GAS	INSCRIBE
Air-Compressed	CGA 346
Argon	CGA 580
Argon mix	CGA 580
Carbon dioxide*	CGA 320
Helium	CGA 580
Hydrogen	CGA 350
Argon/methane	CGA 350
Nitrogen	CGA 580
Air - industrial	CGA 590
Nitrous oxide*	CGA 326
Oxygen	CGA 540
Other gas: provide CGA number	

B	
DELIVERY PRESSURE	INSCRIBE
1-15 psi (0-30 psi gauge)	15
5-50 psi (0-60 psi gauge)	50
30-125 psi (0-150 psi gauge)	125
50-250 psi (0-400 psi gauge)	250

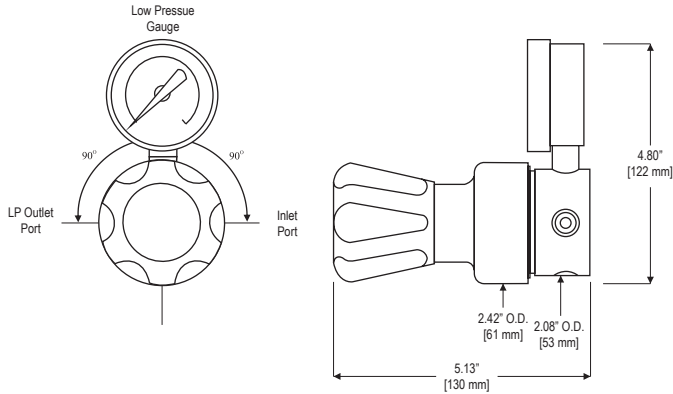
C	
OUTLET ASSEMBLY	INSCRIBE
1/4" F.NPT	4FB

** For carbon dioxide and nitrous oxide service, it is strongly recommended to use electrically heated regulators. Should flow of carbon dioxide or nitrous oxide exceed 35 SCFH, regulator will freeze up and warranty will be null & void.*

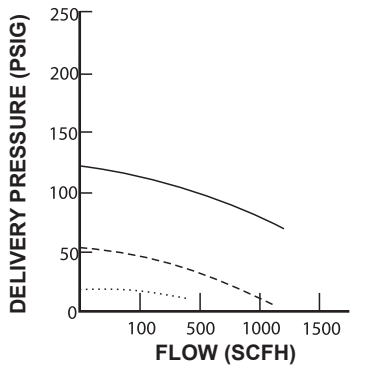
D	
COUNTRY	INSCRIBE
USA	Leave blank
Germany	DIN
United Kingdom	BS
France	AFNOR
Italy	UNI
Argentina	IRAM
Australia & New Zealand	AS
Brazil	ABNT
Netherlands	NEN
Spain	ITC

Dimensions

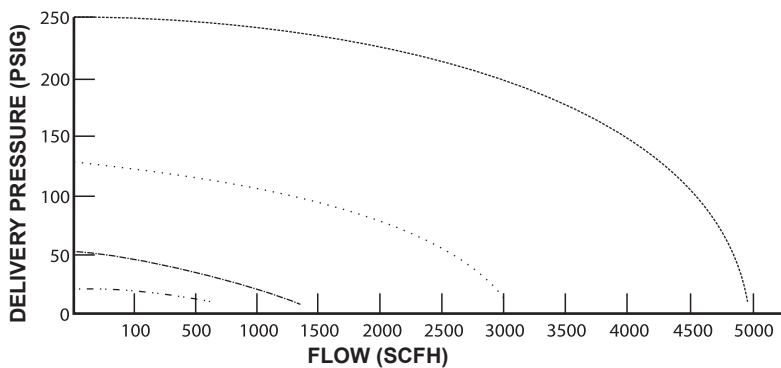
Approximate dimensions



Flow data



15 @ 200 PSIG INLET
 50 @ 200 PSIG INLET
 125 @ 200 PSIG INLET



15 @ 2000 PSIG INLET
 50 @ 2000 PSIG INLET
 125 @ 2000 PSIG INLET
 250 @ 2000 PSIG INLET

Specifications

Maximum Inlet Pressure	3000 psig [207 barg]
Flow Coefficient	Cv = 0.17
Operating Temperature	-40° F to 140° F [-40°C to 60°C]
Gauge Diameter	2" [51 mm] dial
Delivery Pressure	See Part Number Matrix

Materials

Regulator	
Body	Brass
Bonnet	Painted Die Cast
Diaphragm	Neoprene
Nozzle	Brass
Seat	PTFE Teflon
Filter	Nickel-plated Sintered Bronze - 10 micron
Seat Return Spring	PH 17-7 Stainless Steel
Adjusting Knob	ABS Plastic