



MBB Series Medical Purity, Single-Stage, Forged Brass, Point of Use Regulator

SPECIFICATION

Applications

Non-corrosive gases

- Brass body

Standard flow for medical applications

- Cv of 0.57

Recommended for medical gas purity

- Stainless steel diaphragm

For point of use pressure control

- Mounted on wall outlets, with delivery pressure gauge (no inlet gauge)

Key Features

Large stainless steel diaphragm

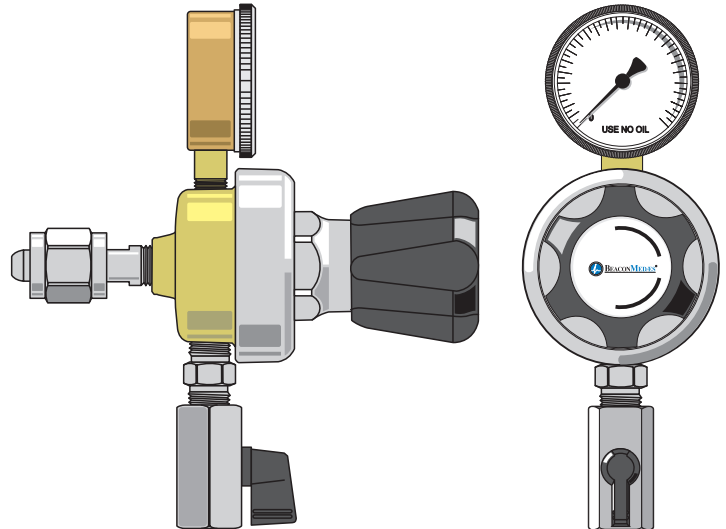
- Permits accurate delivery pressure settings

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



Model shown with outlet ball valve option

Ordering Information

MBB
A
B
C
D

Part Number Matrix - MBB

A	
GAS	INSCRIBE
Nitrous oxide	DISS1040
Helium or Helium/Oxygen mix	DISS1060
Carbon Dioxide or Carbon Dioxide/Oxygen Mix	DISS1080
Nitrogen	DISS1120
Medical Air	DISS1160
Oxygen	DISS1240

B	
DELIVERY PRESSURE	INSCRIBE
1-15 psi [0.1-1.0 bar] (0-30 psi gauge)	15
5-50 psi [0.3-3.4 bar] (0-100 psi gauge)	50
30-125 psi [2.1-8.6 bar] (0-200 psi gauge)	125

C	
OUTLET ASSEMBLY	INSCRIBE
1/4" F.NPT	4FB
1/4" M.NPT	4MB
Ball valve	BVB
Quick connect	QC

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

Specifications	
Maximum Inlet Pressure	200 psig [14 barg]
Flow Coefficient	Cv = 0.57
Operating Temperature	-40° F to 140° F [-40°C to 60°C]
Gauge Diameter	2" [51 mm] dial
Inlet Gauge Range	None
Delivery Pressure	See Part Number Matrix

Materials	
Regulator	
Body	Brass Forging
Bonnet	Chrome-plated Brass
Diaphragm	Stainless Steel
Nozzle	Brass
Seat and Seals	PTFE Teflon
Filter	Nickel-plated sintered bronze - 10 micron
Seat return spring	PH 17-7 Stainless Steel
Adjusting Knob	ABS Plastic
Gas Cylinder Connection	
Nut and Nipple	Chrome-plated Brass
Optional Ball Valve	
Body	Chrome-plated Brass
Packing	Teflon
Ball	Chrome-plated Brass

Dimensions

Approximate dimensions

