

9200NC

Low Delivery Regulator



The Model 9200NC low delivery regulator maintains an accurate delivery pressure over the life of the cylinder. The two-stage design limits the variations in the outlet pressure to 0.03 psig for every 100 psig of inlet pressure decay. Made of durable, long-lasting forged brass this regulator is perfect for non-corrosive, ultra-low delivery pressure gases. A needle valve is included on the outlet.

This two-stage regulator is recommended for use with non-corrosive gases in applications where an ultra-low delivery pressure is required.

FEATURES

- Large Surface Area Elastomeric diaphragm: provides a precise pressure control from full cylinder to empty
- One piece encapsulated seat design includes a 10 micron sintered filter to protect the seat from particles and extend the service life
- Unique delivery gauge to provide a 0.1 psi graduation
- Inter-stage relief valve protects the second stage of the regulator from over-pressurization

MATERIALS

Body	Brass
Bonnet	Brass
Diaphragm	1st Stage Neoprene 2nd Stage Neoprene
Gauges	2 1/2" Brass
Filter	Sintered Brass
Valve Stem	302 Stainless Steel
Valve Spring	18-8 Stainless Steel
1st Stage Seat	PTFE
2nd Stage Seat	Neoprene

Maximum Rated Inlet Pressure:
3000 psig

Designed Leak Rate:
Bubble-Tight (Helium)

Outlet Pressure Ranges:
0.25 - 2 PSIG
0.25 - 6 PSIG

Ports (5):
1/4" FNPT

Ambient Operating Temperature:
-20° F to +140°F

Outlet:
1/4" NPT male

9200NC ORDERING INFORMATION

PART NO.	GAS	MODEL NUMBER	DELIVERY PRESSURE	INLET CGA FITTING
3302313	CO ₂	9200NC-2-320	0-2 PSIG	320
3302293	Flammable	9200NC-2-350	0-2 PSIG	350
3302292	Inert	9200NC-2-580	0-2 PSIG	580
3302314	Ind Air	9200NC-2-590	0-2 PSIG	590
3302315	CO ₂	9200NC-6-320	0-6 PSIG	320
3302316	Flammable	9200NC-6-350	0-6 PSIG	350
3302317	Inert	9200NC-6-580	0-6 PSIG	580
3302318	Ind Air	9200NC-6-590	0-6 PSIG	590

9200 TECHNICAL SPECIFICATIONS

SPECIFICATIONS

- C_v : 0.06
- Pressure Regulation: 0.03/100PSIG
- Weight: 5 lbs.

DIMENSIONS

