

# 9296

## THREE STAGE - BLANKETING REGULATOR



The Model 9296 three-stage pressure regulator is designed to provide continuous control of nitrogen to power transformers from a high pressure cylinder. It has three stages of pressure control from full cylinder pressure (3000 psi) to 1.0 psi. The design also has three 10 micron filters, one for each pressure stage to protect valve seats and provide longer service life.

The pressure switch allows for connection to annunciators and monitoring devices to alert if cylinder pressures become critical.

### FEATURES

- Bypass valve allows for rapid filling of the head space at pressures up to 10 psi
- Accurate, continuous output pressure of 1.0 psi
- Max inlet – 3000 psi
- Neoprene diaphragms for greater sensitivity at low pressures
- One piece encapsulated seat design
- 2" dual scale gauges (psi/kPa)
- Conforms to CGA E-4 Standard for Gas Pressure Regulators

### MATERIALS

Body	Brass
Bonnet	Brass
Diaphragm	1st Stage Neoprene 2nd Stage Neoprene
Gauges	2 1/2" Brass
Filter	Sintered Bronze
Valve Stem	302 Stainless Steel
Valve Spring	18-8 Stainless Steel
1st Stage Seat	PTFE
2nd Stage Seat	Neoprene
3rd Stage Seat	Neoprene

### SPECIFICATIONS

Maximum Rated Inlet Pressure: 3000 psig  
Outlet Pressure Ranges: 0.25 - 2 PSIG  
0.25 - 6 PSIG  
Ambient Operating Temperature: -20° F to +140° F  
Designed Leak Rate: Bubble-Tight (Helium)  
Ports (5): 1/4" FNPT  
Outlet: 1/4" NPT male

### 9296 ORDERING INFORMATION

PART NO.	MODEL NO.	GAS	CGA FITTING	DELIVERY PRESSURE PSIG	OUTLET GAUGE PSI	INLET GAUGE PSI
3301343	9296-2-320	Nitrogen	580	1.0 PSI / 10 PSI	30	4000

Email: [harrisspecgas@lincolnelectric.com](mailto:harrisspecgas@lincolnelectric.com)  
Orders and Tech Service:: 1.800.733.4043  
Option 2

**THE HARRIS PRODUCTS GROUP**  
A Lincoln Electric Company  
2345 Murphy Blvd.  
Gainesville, GA 30504

