

GENERAL PURPOSE NON-CORROSIVE GAS 1-STAGE REGULATOR Series 2400

DESCRIPTION

The Series 2400 single stage regulators are specifically designed as an economical instrument for use in non-critical applications involving inert and non-corrosive gases. They are particularly suited to closely monitored applications. The neoprene diaphragm provides good sensitivity for pressure control. The Series 2400 should not be used in applications where inboard diffusion of atmospheric impurities water and oxygen or the outgassing of hydrocarbon based impurities will negatively impact the work being performed.

FEATURES

- Neoprene diaphragm for sensitive pressure control.
- Needle valve installed in outlet.
- One piece encapsulated seats.

APPLICATIONS

The Series 2400 regulators are ideal for use with inert, flammable, and hydrocarbon gases used in non-critical specialty gas applications.

MATERIALS OF CONSTRUCTION

Body: brass
 Nozzles: brass
 Seats: PTFE Teflon
 Diaphragms: neoprene
 Inlet Filter : nickel plated sintered bronze - 10 micron



SPECIFICATIONS

Max. Inlet Pressure: 3000 psig
 Operating Temp. Range: 0° to +140° F
 Body Inlet and Outlet: 1/4" NPT female
 Valve outlet : 1/4" NPT male
 Flow coefficient: $C_V = 0.17$

NOTE: See pages 130-146 for gas data and equipment recommendations.

HOW TO ORDER

Model Number	Del. Press. Range psig	Del. Press. Gauge psig/kPa	Inlet Press. Gauge psig/kPa
2401-15-CGA*	0-15	0-30	0-4000
2401-50-CGA*	0-50	0-60	0-4000
2401-125-CGA*	0-125	0-150	0-4000
2401-250-CGA*	0-250	0-400	0-4000

*Specify CGA Connection Number when ordering.