

# 450 INDUSTRIAL DUTY REGULATOR

# 450

MODEL



## STAINLESS STEEL DIAPHRAGM

MODEL SHOWN:  
450-125-540

### DESCRIPTION

The Model 450 is an economically priced industrial duty regulator, but with premium features found only in high priced regulators. The 450 has a stainless steel diaphragm and a Harris exclusive tamper-proof self-seating safety relief device.

### DETAILS

**Capacity:** Heavy duty

**C<sub>v</sub>:** 0.17

**Gauges:** 2.5" brass

**Pressure Regulation:**  
0.3 PSIG/100 PSIG

**Seat:** One-piece encapsulated seat design with internal filter and PTFE

Teflon® seat

**Certifications:** UL® listed/CGA E-4

**Weight:** 4.6 lbs./2.09 kg.



Additional Technical Information: PG. 169

PART #	MODEL #	GAS	MAX. INLET PSIG	DELIVERY PRESSURE RANGE PSIG	DELIVERY PRESSURE GAUGE PSIG	SUPPLY PRESSURE GAUGE PSIG	INLET CONNECTION	OUTLET CONNECTION
3002493	450-15-300	ACETYLENE	500	0 - 15	30RZ	400	CGA 300	3/8" - 18 LH
3002494	450-15-510	ACETYLENE	500	0 - 15	30RZ	400	CGA 510	3/8" - 18 LH
3002495	450-50-510P	LPG*	500	0 - 50	100	400	CGA 510P	3/8" - 18 LH
3002496	450-50-540	OXYGEN	3000	0 - 50	100	4000	CGA 540	3/8" - 18 RH
3002497	450-125-540	OXYGEN	3000	0 - 125	200	4000	CGA 540	3/8" - 18 RH
3002499	450-200-540	OXYGEN	3000	0 - 200	400	4000	CGA 540	3/8" - 18 RH
3002498	450-125-580	AR, HE, N <sub>2</sub>	3000	0 - 125	200	4000	CGA 580	5/8" - 18 RH

\*Regulator designed specifically for propane service can be used with any of the other welding grade liquid petroleum gases. NOT FOR USE WITH ACETYLENE.



A LINCOLN ELECTRIC COMPANY

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Turn to the  
SINGLE STAGE REGULATOR  
**Pros**