



Special Application Regulators DL 700 Dome Loaded Line Regulator

DL 700



 Listed
Conforms to
CGA E-4

SAMPLE ORDERING INFORMATION

Model No.	Delivery Range
DL 700	D

Gas Service	Model No.	Delivery Range (PSIG)	Part No.
A wide range of gases	DL 700	5-125	0780-1188

Delivery Range Key

D 5-125 PSIG

Connections: 1/2" NPT (F) inlet & Outlet Ports

Note: requires pilot regulator to control pressure in dome for control of delivery Pressure.

APPLICATION & USES

DL 700 Series

- Externally dome loaded
- Pilot regulator or pressure regulator required
- Remotely controlled pressure adjustment
- Designed for cutting machines
- Designed for applications that demand very consistent delivery pressures

DIMENSIONS: 3-3/4" W x 4" H x 5-5/8" D
(9.52cm x 10.16cm x 2.20cm)

WEIGHT: 4 lbs. 8 oz. (2.24 kg)

DESIGN/CONSTRUCTION

- Stem type seat mechanism
- 1/2" NPT (F) inlet & outlet ports

SPECIFICATIONS PERFORMANCE

Maximum Inlet.....500 PSIG
Maximum Outlet.....125 PSIG
Temperature operating range.....0-140° F
Dome load inlet size..... 1/4" NPT (F)
Maximum dome load pressure..... 125 PSIG

MATERIALS

Body.....Forged Brass
Housing Cap.....Forged Brass
Seat.....Neoprene
Seat return spring.....Stainless steel

The **DL 700** line regulator is externally dome loaded for remote control of gases. The delivery pressure on the DL 700 is controlled by the pressure supplied from a remote pilot regulator.