

853LCR SERIES

Liquid Cylinder Regulators

Solutions for Life

853LCR Series Liquid Cylinder Regulators

The 853LCR Series Liquid Cylinder Regulator are specifically designed for gaseous withdrawal of Liquid Oxygen, Carbon Dioxide and Nitrogen cylinders.

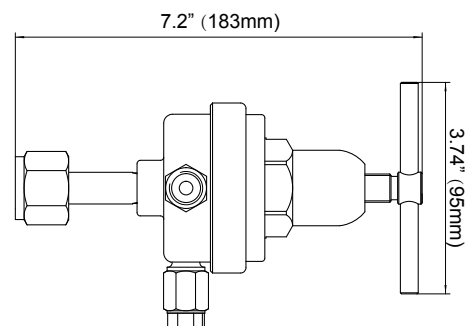
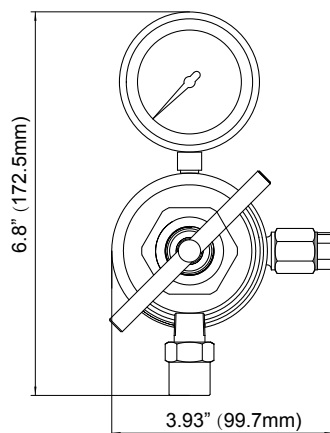
Note: Not for use on High Pressure Cylinders.

Features

- Vapor side application on liquid cylinders or vessels
- 0-125 psi delivery pressure
- 500 psi (34.5 bar) maximum inlet pressure
- Large 2-3/4" stainless steel diaphragm
- High pressure side 500 psi external pressure relief valve
- Forged brass body and housing cap
- Delrin-bushing housing cap for smooth pressure adjustment
- Stem-type seat assembly for more reliable performance
- Sintered bronze inlet filter
- 2-1/2" dual scale outlet gauge
- Conforms to CGA E-4 Standard for Gas Pressure Regulators
- Cleaned for oxygen service per CGA 4.1



Dimensions



Ordering Information

Gas Service	Model Number	Maximum Inlet Pressure psi (bar)	Maximum Delivery Pressure psi (bar)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
Oxygen	853LCRX-125	500 (34.5)	5~125 (0.35~8.7)	NONE	2-1/2" , 200 psi	CGA540	9/16"-18RH(M)
Nitrogen	853LCRIN-125	500 (34.5)	5~125 (0.35~8.7)	NONE	2-1/2" , 200 psi	CGA580	5/8"-18RH(F)
Carbon Dioxide	853LCRCD-125	500 (34.5)	5~125 (0.35~8.7)	NONE	2-1/2" , 200 psi	CGA320	5/8"-18RH(F)