



# Liquid Cylinder Regulator

## HLCR - Series

### DESCRIPTION

The HLCR regulators are specifically designed and constructed for use of the gaseous withdrawal from liquid cylinders. The HLCR can also be used on high pressure cylinders and for general pipeline applications.

### FEATURES

- Seat area protected by a 10 micron filter.
- Three delivery pressures available
- Self reseating relief valve built into diaphragm
- All exterior surfaces chrome plated.

### APPLICATIONS

The HLCR series liquid cylinder regulator are ideally designed for application requiring a regulator for use of the gas withdrawal on a cryogenic liquid cylinder. The regulator can also be used on high pressure cylinders and for general pipeline applications.

### SPECIFICATIONS

Max. Inlet Pressure: 3,000 psig  
 Operating Temperature Range: -20°F to 120°F  
 Internal Volume:  
 Leakage: Bubble Tight  
 Flow Coefficient (C<sub>v</sub>): 0.37  
 Shipping Weight: 3.1 lbs.



### MATERIALS OF CONSTRUCTION

Body: Brass Forging, Chrome Plated  
 Bonnet: Brass Forging, Chrome Plated  
 Diaphragm: 302 Stainless Steel  
 Seat: PTFE Teflon  
 Seals: PTFE Teflon  
 Filters: 10 Micron Sintered Bronze  
 Gauge: 2" Chrome Plated Brass

Specify:	Maximum Delivery Pressure		Outlet Port	Inlet Connection
<b>HLCR</b>	[****]		[*]	[***]
	<b>Delivery Pressure Range</b>	<b>Delivery Pressure Gauge</b>	<b>0</b> = 1/4" NPT female <b>1</b> = 1/4" Compression	<b>320</b> = Carbon Dioxide <b>540</b> = Oxygen <b>580</b> = Argon, Helium, Nitrogen
	<b>125</b> = 0-125 psig <b>350</b> = 0-350 psig <b>500</b> = 0-500 psig	<b>0</b> - 200 psig <b>0</b> - 400 psig <b>0</b> - 1000 psig		