

## HPR Series

### High Pressure Reciprocating Pump

CS&P's HPR-Series pump was originally designed and developed for carbon dioxide cylinder filling applications from both stationary installations and mobile applications.

While CO<sub>2</sub> cylinder filling remains the largest single application, the reliability and economy of the HPR-Series pump has led to its application in many other fluid pumping operations.

#### FLUIDS PUMPED

Carbon Dioxide  
Freon  
Nitrous Oxide  
Butane  
Propane  
Ammonia  
Chlorinated Solvents

#### APPLICATIONS

CO<sub>2</sub> Cylinder Filling  
High-Pressure Purging  
Pressure Testing  
N<sub>2</sub>O Cylinder Filling  
Plant Process Pumps  
Test Facility Support

#### SPECIAL FEATURES

Constructed using high-grade, non-corrosive materials

Simple installation

High Reliability

Minimum Maintenance

Continuous Cool Down

Oil Free Drive End

Contamination Free Pumping

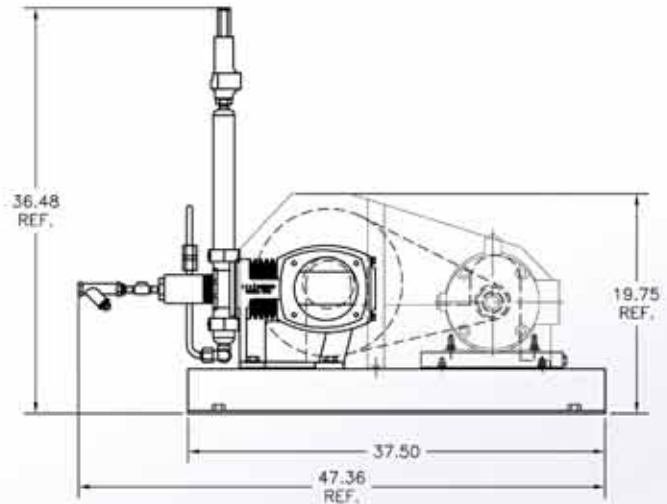
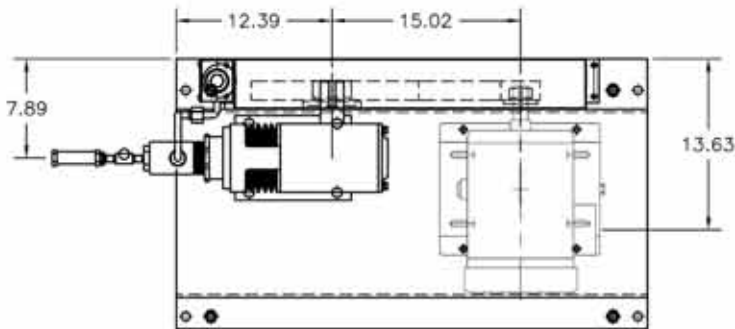
The HPR-Series pump is a reliable and economically priced high-pressure pump. The pump is performance proven under the most demanding operational conditions. Due to the simplified design and minimum number of moving parts, maintenance and repair costs are substantially lower than competitive models.



CS&P Technologies

# RECIPROCATING PUMP HPR Series

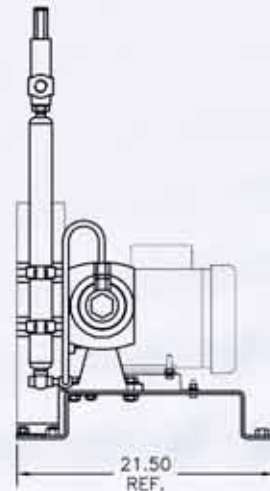
## DIMENSIONAL INFORMATION



## PERFORMANCE SPECIFICATIONS (1.37" Cold End and 1.25" Stroke)

Flow Rate		Motor	
GPM	3	HP	5
LPM	11.4	KW	3.7

Maximum Working Pressure	
PSI	1,100 PSI
BAR	75



### CS&P Technologies

18119 Telge Road, Cypress, Texas 77429  
P.O. Box 130, Cypress, Texas 77410  
Tel. (713) 467-0869 • Fax (713) 464-2089

### CS&P Cryogenics Canada Ltd

Bay 130, 7491 Edgar Industrial Bend  
Red Deer, Alberta T4P 3Z5 Canada  
Tel. (403) 346-8240 • Fax (403) 346-8245

### CS&P Criogenica de Mexico, S.A. de C.V.

Carretera Presa La Amistad  
Km. 19 mas 158 Mts.  
Cd. Acuña, Coah. C.P. 26200 Mexico  
Tel. 001 (830) 774-5588 • Fax 001 (830) 778-1840

(713) 467-0869 • [www.csphouston.com](http://www.csphouston.com)

## SCOPE OF SUPPLY

Drive Assembly with 1.37" Cold End Assembly

5 HP Electric Motor

Surge Chamber with Pressure Relief Valve set at 110% MAWP

Stainless Steel Skid Base

Belt Drive System with Aluminum Guard

Suction Line Kit with Y-Strainer

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