

Features

- ▶ PCW and N2 service for typical vacuum pump and chiller installations.
- ▶ Field replaceable PCW sticks.
- ▶ Adjustable supply pressure.
- ▶ Multiple frame types.
- ▶ Individual PCW flow, balance, pressure, and shut-off for each connection.
- ▶ Robust header and stick design.

Technical Data

Temperature Rating: *Material:*

PCW: 10°F(-12°C) to 200°F(90°C)*

*Dependent on Stick Type

N2: -20 to 165° (-29 to 74°C) *Finish:*

Pressure Rating:

PCW: 150 psig (10 bar) @70°F (21°C)

N2: 500 psig (35 bar) Inlet

Regulator Outlet Range (Optional):

PCW: 10 psig (0.5 bar) to 100 psig (7 bar)

N2: 0-150 psig (0-10 bar)

Ordering Information

SUR-304-H-1E-5E1G-C-5A

N2 Sticks (Qty/Size)

A - 1/4" diameter

B - 3/8" diameter

C - 1/2" diameter

N2 Header

C - 1/2" diameter

D - 3/4" diameter

E - 1" diameter

Sticks

C - 1/2" (0-5 gpm flowmeter)

D - 3/4" (0-10 gpm flowmeter)

E - 1" (0-20 gpm flowmeter)

G - 1.5" (5-50 gpm flowmeter)

PCW Stick Type

1E - PW Series

1N - NEHP Series 1

2N - NEHP Series 2

PCW Header

G - 1.5" diameter

H - 2.0" diameter

J - 3.0" diameter

Frame Material

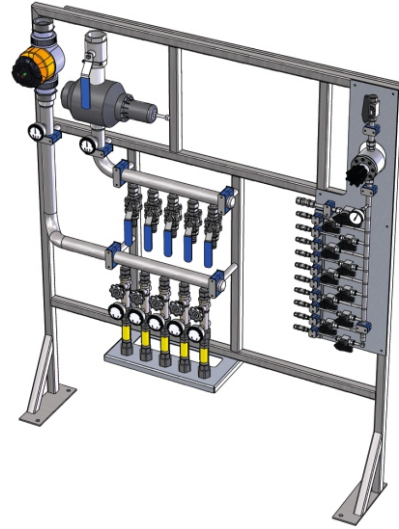
304 - 304L Stainless Steel

G - Strut (Powder Coated)

Series Type

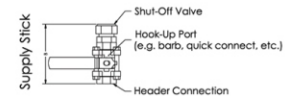
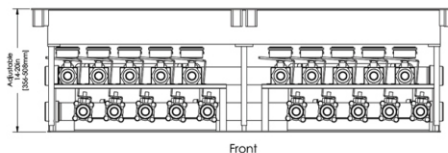
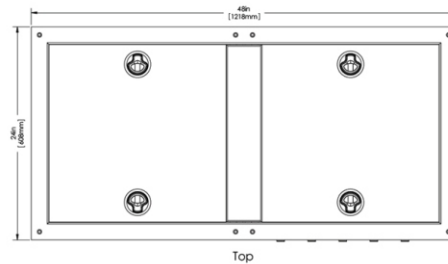
SUR Series Rack

Process Utility Hook-Up

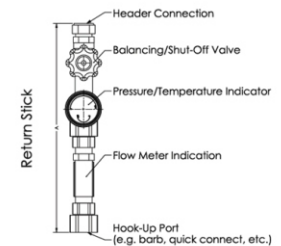


Dimensions

Patent Number US 7,039,999 B2



Size	Length A	Length B
1/2"	14.5"	3.4"
3/4"	15.2"	4.2"
1"	16.1"	5"



DFS Diversified Fluid Solutions
A Critical Process Systems Group Company

11789 W. Executive Drive

Boise, Idaho 83713

P: +1 208.489.0053

Web: www.dfsolution.com

Email: info@dfsolution.com

Note Product availability and specifications contained herein are subject to change without notice. Consult factory for potential revisions.