955 Series
UHP Stainless Steel Diaphragm Valve
High Flow, Welded

Value Proposition:
The 955 high purity diaphragm valves offer high flow in a compact device. The 955 valves offer a variety of manual operators to fit the customer’s system requirements. Both the 955 manual and the Air Operated versions can be used in UHP systems up to 250 psig.

The 955AOP is ideal for low vapor pressure gas delivery systems.

Product Features:
- Standard surface finish of 5 micro inch Ra
- Internally threadless and springless
- Fully functional from vacuum to 250 psig
- High cycle life (including corrosive service)
- 100% Helium leak tested
- Standard full internal electropolish
- Minimal particle generation and particle entrapment areas
- Vericlean™, Veriflo’s low sulfur high purity 316L Stainless Steel enhances electropolishing, welding, and corrosion resistance

Contact Information:
Parker Hannifin Corporation
Veriflo Division
250 Canal Blvd
Richmond, California 94804

phone 510 235 9590
fax 510 232 7396
veriflo.sales@parker.com

www.parker.com/veriflo
Mobile App: m.parker.com/veriflo
# 955 Series

## Dimensional Drawing

### 955AOP LP NC

- **Actuator Diameter (A):** 1.55
- **Height (B):** 3.44
- **Lever Radius (C):** -

### 955M

- **Height (B):** 3.05
- **Lever Radius (C):** -

### 955MLK

- **Height (B):** 2.63
- **Lever Radius (C):** 1.75

### 955G LK BRACKET

- **Height (B):** 2.25
- **Lever Radius (C):** .75

### 955I

<table>
<thead>
<tr>
<th>Actuator Style</th>
<th>Actuator Diameter (A)</th>
<th>Height (B)</th>
<th>Lever Radius (C)</th>
<th>Port Style</th>
<th>End-To-End Length (D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOPLPNC</td>
<td>1.55</td>
<td>3.44</td>
<td>-</td>
<td>FS</td>
<td>2.96</td>
</tr>
<tr>
<td>AOPLPNO</td>
<td>1.29</td>
<td>3.05</td>
<td>-</td>
<td>FS (Optional)</td>
<td>2.30</td>
</tr>
<tr>
<td>G</td>
<td>-</td>
<td>*</td>
<td>-</td>
<td>FS (Optional)</td>
<td>2.78</td>
</tr>
<tr>
<td>I</td>
<td>1.70</td>
<td>2.65</td>
<td>-</td>
<td>FS8</td>
<td>4.20</td>
</tr>
<tr>
<td>L</td>
<td>-</td>
<td>2.63</td>
<td>1.75</td>
<td>TS</td>
<td>2.25</td>
</tr>
<tr>
<td>M</td>
<td>-</td>
<td>2.63</td>
<td>.75</td>
<td>TS6</td>
<td>2.25</td>
</tr>
<tr>
<td>S</td>
<td>2.00</td>
<td>2.90</td>
<td>-</td>
<td>TS8</td>
<td>2.25</td>
</tr>
</tbody>
</table>

* See dimensional drawing.

---

Safety Guide and Installation and Operating Instructions available at [www.parker.com/veriflo](http://www.parker.com/veriflo)
955 Series

Ordering Information

Build a 955 Series valve by replacing the numbered symbols with an option from the corresponding tables below.

Contact factory for most up to date lead time information.

Blue = Configurations that have selections in blue will require a price quote from the factory.

Sample: 9 55 L S FS FM VESP

Finished Order: 955LSFSFMVESP

1 Basic Series
55 = 955

2 Type
AOPLPCN = Air Operated, Low Pressure, Normally Closed
Air Connection is 1/8" NPT

AOPLPCO = Air Operated, Low Pressure, Normally Open
Air Connection is 1/8" NPT

G = Toggle
I = Indicating Handwheel
L = Lever
M = Mini-Lever

3 Body Material
S = 316L Stainless Steel

4 Port Style
FS = 1/4" Face Seal
Standard only when configured as FSFS

FS8 = 1/2" Face Seal
Standard only when configured as FS8FS8

TS = 1/4" Tube Stub
Standard only when configured as TSSTS

TS6 = 3/8" Tube Stub
Standard only when configured as TS6TS6

TS8 = 1/2" Tube Stub
Standard only when configured as TS8TS8

Note: Combinations of Port Style options may have an extended lead time.

Note: For Multiport: See 25000178 Valve Selection Guide. All Multiport configurations are Special Order.

5 Port Configuration
M = Male Face Seal
F = Female Face Seal

6 Optional Features
This section can have multiple options

BL008 = Bleed Valve .008 Orifice
BL015 = Bleed Valve .015 Orifice
LK = LockOut-TagOut
LK includes LockOut-TagOut bracket for G-Type Valve; LOTO Clamp for M type Valve

PM = Panel Mount
Not available with Indicating Handwheel (I)

PEEK = PEEK™ Seat
Recommended for Nitrous Oxide (N2O) Service

2.3 = 2.3" End-To-End
1/4" FS Only

2.78 = 2.78" End-To-End
1/4" FS Only
955 Series

Specifications

Materials of Construction

<table>
<thead>
<tr>
<th>Wetted</th>
<th>Functional Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body</td>
<td>Design</td>
</tr>
<tr>
<td>Diaphragm</td>
<td>Proof Pressure</td>
</tr>
<tr>
<td>Seat Options</td>
<td>Burst Pressure</td>
</tr>
<tr>
<td>Cap</td>
<td>Flow Capacity</td>
</tr>
<tr>
<td>Nut</td>
<td>Leak Rate</td>
</tr>
<tr>
<td>Actuator Housing</td>
<td>Internal</td>
</tr>
</tbody>
</table>

Non-wetted

| Cap             | Surface Finish         |
| Nut             | Internal Volume        |
| Actuator Housing| Approx. Weight         |

For additional information on materials of construction, functional performance and operating conditions, please contact factory.

OFFER OF SALE:

The items described in this document are hereby offered for sale by Parker-Hannifin Corporation, its subsidiaries or its authorized distributors. This offer and its acceptance are governed by the provisions stated in the detailed “Offer of Sale” elsewhere in this document or available at www.parker.com/veriflo

WARNING USER RESPONSIBILITY

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE. THIS DOCUMENT IS FOR REFERENCE ONLY. PLEASE CONSULT FACTORY FOR LATEST PRODUCT DRAWINGS AND SPECIFICATIONS

This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing are subject to change by the manufacturer at any time without notice.

Proposition 65 Warning: This product contains chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.

© 2009 Parker Hannifin Corporation

LitPN: 25000016      Rev: J      Date of Issue 03/2017

Use mobile device to scan this QR Code.

ENGINEERING YOUR SUCCESS.