



## PFA 1½" AND 2" PNEUMATIC 2-WAY VALVES

*For use with high-purity corrosive  
chemical distribution systems*

### Overview

Entegris 1½" and 2" PFA pneumatic 2-way valves are capable of distributing high volumes of high-purity chemical.

### Applications

For use with high-purity corrosive chemical distribution systems within the semiconductor, LCD, TFT and flat panel markets

### Features and Benefits

- Available in 1½" flare tube, 1½" and 2" welded pipe port connections
- Unique seat and seal design to ensure port-to-port seal
- High  $C_v$  flows, capable of carrying large volumes of chemical with minimal pressure drop
- All wetted surfaces are PFA and PTFE for high-purity chemical applications
- Visual valve position indication for easy on/off control



### Specifications

Materials:	Exterior actuator parts	Glass-filled polypropylene
	Interior actuator parts	PP, PVDF, Viton®, SST, spring
	All wetted components	PFA, PTFE
Maximum operating pressure:	7 kg/cm <sup>2</sup> (99.6 PSIG)	
Maximum operating temperature:	65°C (149°F)	
Leakage test pressure:	10 kg/cm <sup>2</sup> (142.2 PSIG)	

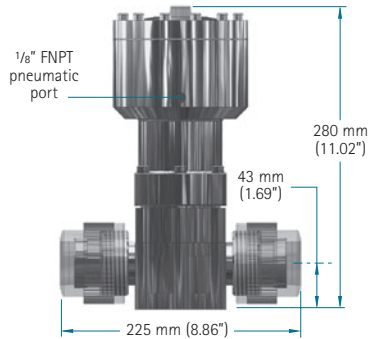
#### **$C_v$ Data by Applied Size**

Port	Size	$C_v$ Maximum	Connection Type	Weight
F24	1½"	23	EP PFA flare	3.0 kg
P24	1½"	40	Welded pipe	5.8 kg
P32	2"	60	Welded pipe	5.8 kg

## Dimensions

### EPLPV-F24

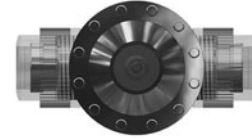
#### Front View



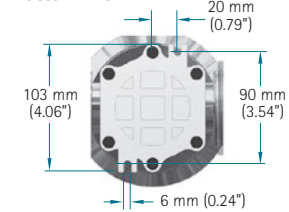
#### Side View



#### Top View

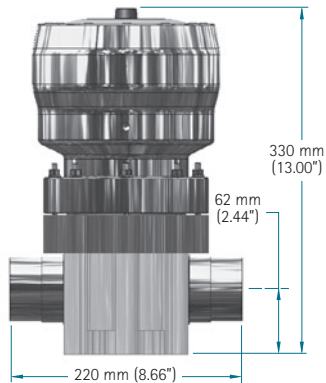


#### Bottom View

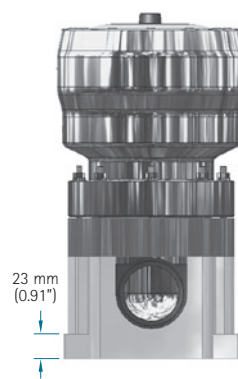


### EPLPV-P24N, EPLPV-P32N

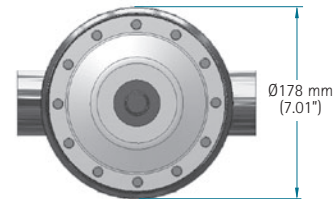
#### Front View



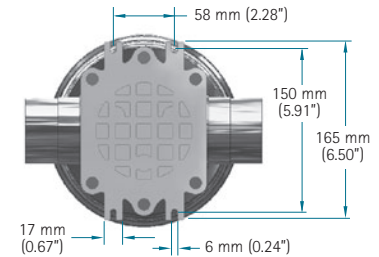
#### Side View



#### Top View



#### Bottom View



## Ordering Information

Part Number	Connection Type	Connection Size	C <sub>v</sub> Maximum	Weight
EPLPV-F24	EP PFA flare	1½"	23	3.0 kg (6.6 lb)
EPLPV-P24N	Welded pipe	1½"	40	5.8 kg (12.8 lb)
EPLPV-P32N	Welded pipe	2"	60	5.8 kg (12.8 lb)

## For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [www.entegris.com](http://www.entegris.com) and select the "Customer Service" link for the center nearest you.

## Terms and Conditions of Sale

All purchases are subject to Entegris' "Terms and Conditions of Sale." To view and print this information, visit Entegris' website at [www.entegris.com](http://www.entegris.com) and select the Legal Notices link from the footer found on the home page.

Entegris® is a registered trademark of Entegris, Inc.  
Viton® is a registered trademark of DuPont Dow Elastomers, L.L.C.

### ENTEGRIS, INC.

Corporate Headquarters | 129 Concord Road | Billerica, MA 01821 USA  
Customer Service Tel. +1 952-556-4181 | In North America 800-394-4083 | Customer Service Fax +1 952-556-8022  
[www.entegris.com](http://www.entegris.com)