



## PFA 1½" AND 2" MANUAL 2-WAY VALVES

*For use with high-purity corrosive chemicals*

## Overview

Entegris PFA 1½" (P24) and 2" (P32) manual diaphragm valves have a unique seat seal and through-bolt construction, capable of moving large volumes of chemical.

## Applications

For use with high-purity corrosive chemicals within the semiconductor and flat panel markets.

## Features and Benefits

- Unique visual indication shows relative valve position when used for throttling chemical flow
- The PFA and PTFE diaphragm material provides chemical resistance to the corrosive chemicals used in semiconductor and flat panel processes
- The double step PTFE seat ensures reliability



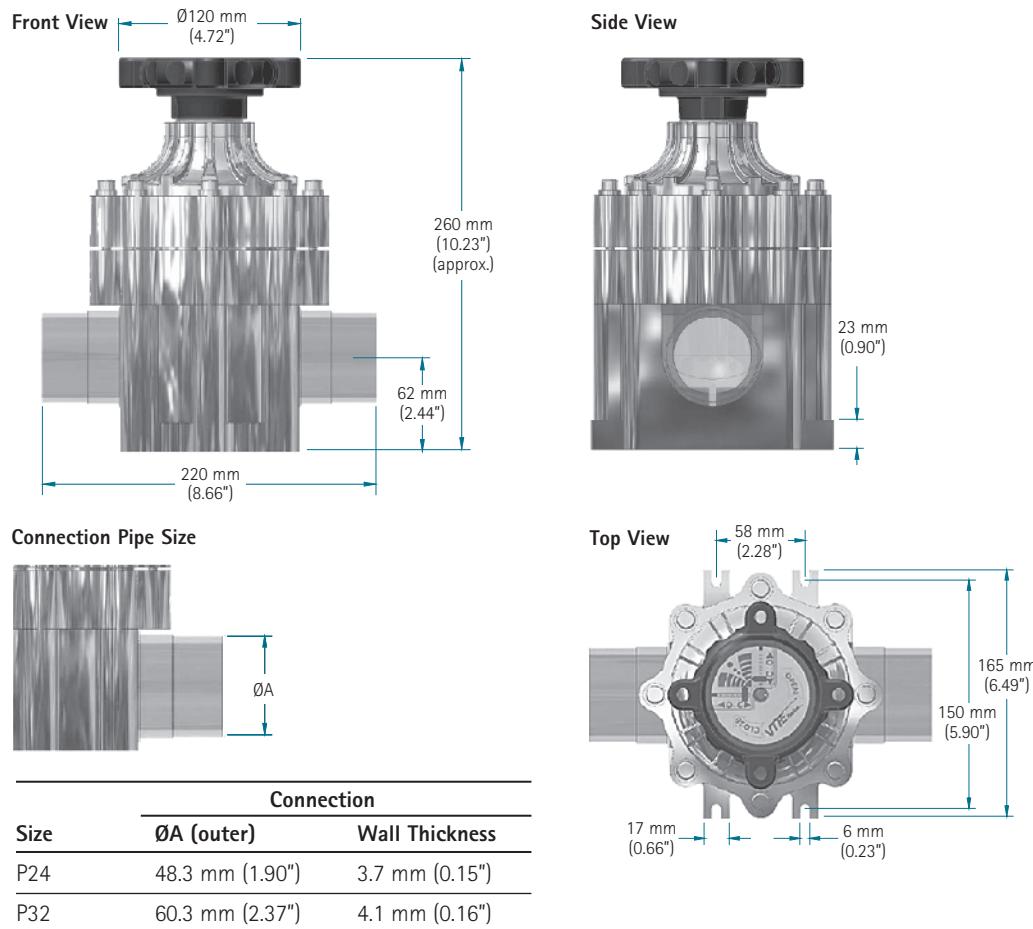
## Specifications

|                                |                                 |  |
|--------------------------------|---------------------------------|--|
| Materials:                     | Exterior actuator parts         | Polycarbonate, glass-filled polypropylene              |
|                                | Interior actuator parts         | Copper, Viton®, stainless steel, polyphenylene sulfide |
|                                | Wetted parts                    | PFA, PTFE  |
| Maximum operating pressure:    | 6 kg/cm <sup>2</sup> (85 PSIG)  |  |
| Maximum operating temperature: | 65°C (149°F)                    |  |
| Leakage test pressure:         | 8 kg/cm <sup>2</sup> (114 PSIG) |  |

### C<sub>v</sub> Data by Applied Size

| Port | Size | C <sub>v</sub> Maximum | Connection Type |
|------|------|------------------------|-----------------|
| P24  | 1½"  | 40                     | Welded pipe     |
| P32  | 2"   | 60                     | Welded pipe     |

## Dimensions



## Ordering Information

### PFA Manual 1 1/2" and 2" Manual 2-Way Valves

#### Part Number

EPLMV - \_\_\_

#### Body Size

P24 = 1 1/2"  
P32 = 2"

## 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.

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#### 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)