

# Furon® Chempure™ 2" In-Line Valve

## Pneumatically Actuated 2-Way Valve



### Features/Benefits

- 52 C<sub>v</sub> flow factor
- All virgin PTFE-wetted flow path
- No exposed metallics
- Fully swept internal flow path
- Patent pending rolling diaphragm
- Visual position indication facilitates end-user safety
- In-line ports support maximum flow efficiency and ease of installation
- No "O" ring unions eliminate dead space and elastomeric contamination
- 3/8" fine thread flare fitting for purge/sampling port
- Leak detection port included
- Assembled and double-bagged in a class 100 cleanroom environment
- High flow capability reduces chemical supply time
- High purity design and build clean construction reduces possibility of process contamination
- Diaphragm technology enables long life and high pressure rating
- High back pressure capability ensures safety and high performance

### Operation

- Pneumatically actuated valve
- 80 PSIG rated/maximum operating pressure @ 22° C
- 80 PSIG rated/maximum back pressure @ 22° C
- Fluid temperature range from 5° C to 100° C

### Applications

- Designed for use in semiconductor chemical delivery, chemical processing, high purity, and corrosive chemical applications
- Ideal for applications that demand high purity coupled with high C<sub>v</sub> flow factor
- Highly recommended for central chemical supply systems

# Furon® ChemPure™ 2" In-Line Valve Pneumatically Actuated 2-Way Valve

## Ordering Information

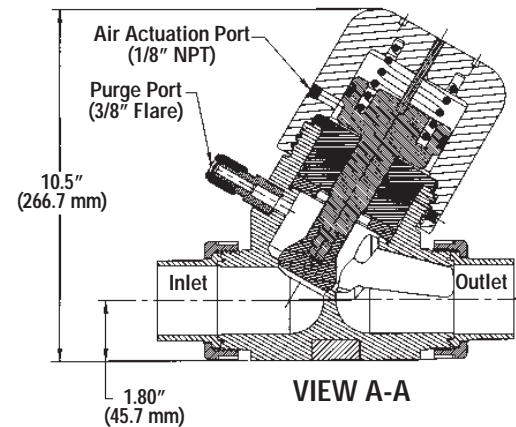
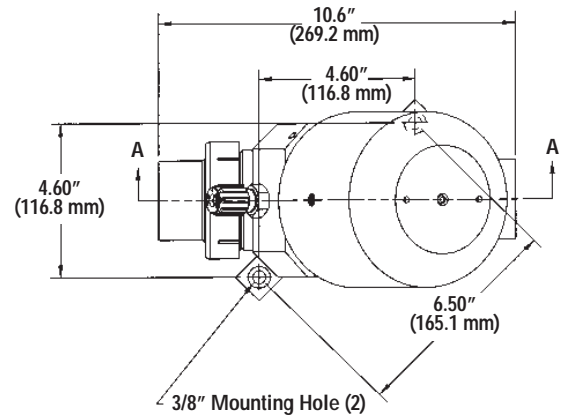
Part Description	Availability	Inlet End Connection	Outlet End Connection	C <sub>v</sub> Flow Factor	Inlet Port Size	Outlet Port Size
HGV2-73232 NC	Stock	Fuse-Bond	Fuse-Bond	52	2"	2"
HGV2-73224 NC	Design On File	Fuse-Bond	Fuse-Bond	42	1.5"	1.5"

## Options

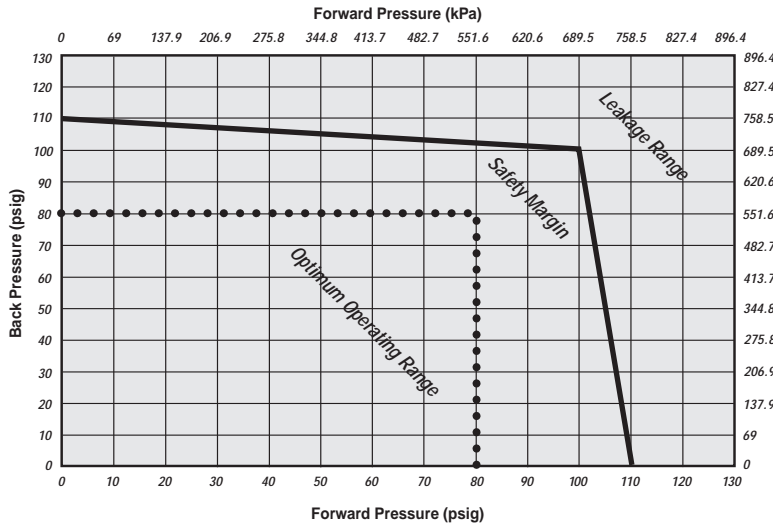
- Consult factory for other end connection configurations
- 3/8" Flare Grip® II purge/sampling port

## Specifications And Performance

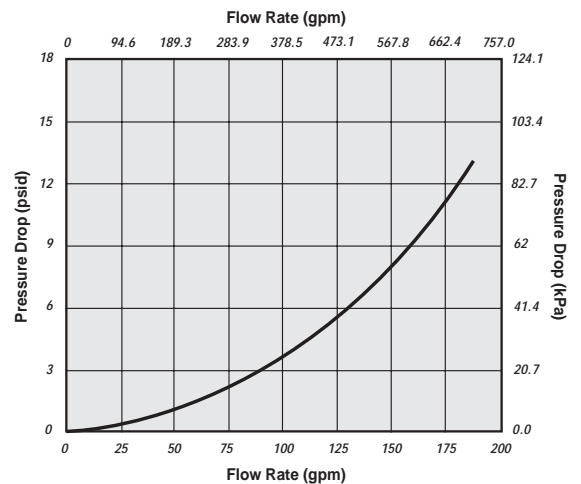
- 80 PSIG maximum operating pressure
- 80 PSIG maximum back pressure
- Fluid temperature range from 5° C to 100° C
- Pilot air actuation pressure 60 PSIG minimum/80 PSIG maximum
- 52 C<sub>v</sub> flow factor with 2" end connections
- Weight: 11.3 lbs.



Maximum Inlet and Outlet Operating Pressure



Flow Vs. Pressure Drop



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Flare Grip® is a registered trademark.

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