

## FEATURES/BENEFITS

- High Cv flow factor
- Superior MTFB (Mean Time Between Failure)
- Injection Molded, High Purity PFA-Wetted Flow Path with Virgin PTFE Diaphragm
- No Exposed Metallics
- Fully Swept Flow Path
- Assembled, Tested and Double-Bagged in a Class 100 Cleanroom
- Leak Detection Capability
- Visible Position Indication
- High Back Pressure Capability
- 100% Tested for Operation
- Mounting Pattern Interchanges with Major Competitor
- Combines high Cv flow factor with smaller footprint than TEFLON® valves with similar flow capabilities
- Qualified at over two million cycles
- Meets the semiconductor industry's high purity chemical requirements
- Suitable for high back-pressure applications
- Complete drain down
- No hold up volume
- Rapid installation due to the high center line

# FURON® J-VALVE

Pneumatically Actuated 2-Way Valve



## OPERATION

- Pneumatically actuated on/off valve
- 85 PSIG rated/operating pressure
- 85 PSIG rated/back pressure

## APPLICATIONS

- Designed for use in semiconductor process, high purity, and corrosive chemical applications
- Ideal for applications that demand high pressure capabilities and a high  $C_v$  flow factor

# FURON® J-VALVE

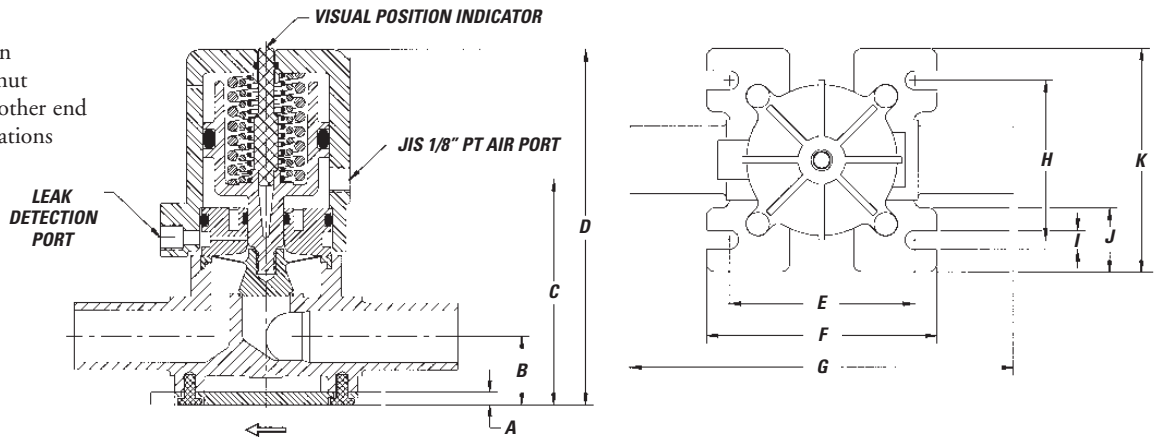
## Pneumatically Actuated 2-Way Valve

### ORDERING INFORMATION

PART DESCRIPTION	END CONNECTION	Cv FLOW FACTOR	PORT SIZE	A	B	C	D	E	F	G	H	I	J	K
JV2-F128-NC	FLARE GRIP™ II	2.3	1/2"	.20" (5.1)	1.1" (27.4)	3.5" (88.9)	5.6" (141.2)	2.9" (73.7)	3.6" (91.4)	5.8" (146.1)	2.5" (63.5)	.30" (7.6)	1.0" (25.4)	3.5" (88.9)
JV2-F1212-NC	FLARE GRIP™ II	5.2	3/4"	.20" (5.1)	1.1" (27.4)	3.5" (88.9)	5.6" (141.2)	2.9" (73.7)	3.6" (91.4)	5.8" (146.1)	2.5" (63.5)	.30" (7.6)	1.0" (25.4)	3.5" (88.9)
JV2-71212-NC	FUSE BOND	7.2	3/4"	.20" (5.1)	1.1" (27.4)	3.5" (88.9)	5.6" (141.2)	2.9" (73.7)	3.6" (91.4)	5.8" (146.1)	2.5" (63.5)	.30" (7.6)	1.0" (25.4)	3.5" (88.9)
JV2-F1216-NC	FLARE GRIP™ II	7.2	1"	.20" (5.1)	1.1" (27.4)	3.5" (88.9)	5.6" (141.2)	2.9" (73.7)	3.6" (91.4)	5.8" (146.1)	2.5" (63.5)	.30" (7.6)	1.0" (25.4)	3.5" (88.9)

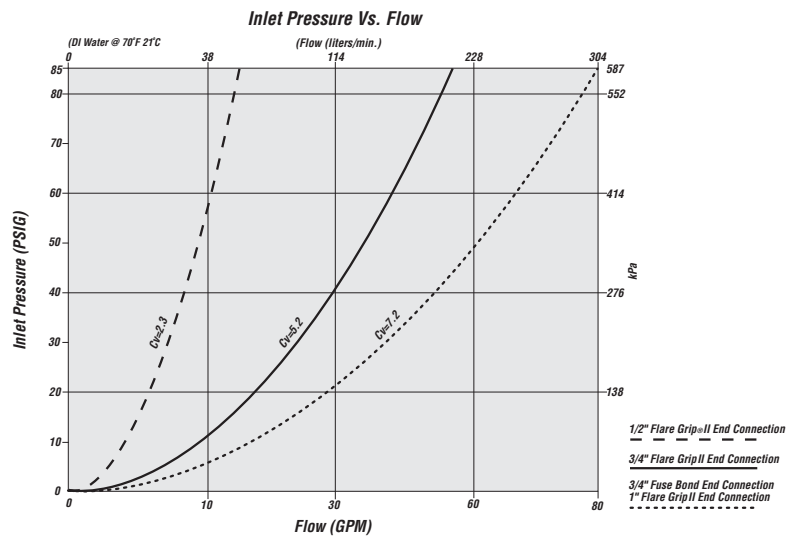
### OPTIONS

- NO: Normally Open
- Flare Grip® II with nut
- Consult factory for other end connection configurations



### SPECIFICATIONS AND PERFORMANCE

- 85 PSIG maximum operating pressure
- 85 PSIG maximum back pressure
- Fluid temperature range from 0°C to 95°C
- Pilot air actuation pressure 70—100 PSIG
- C<sub>v</sub> flow factor 7.2 with 3/4" Fuse Bond end connections and 1" Flare Grip end connections



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 Grab Seal™ is a registered trademark.  
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