

# FLOW CONTROL VALVE & AIR VENT VALVE



## FLOW CONTROL VALVE

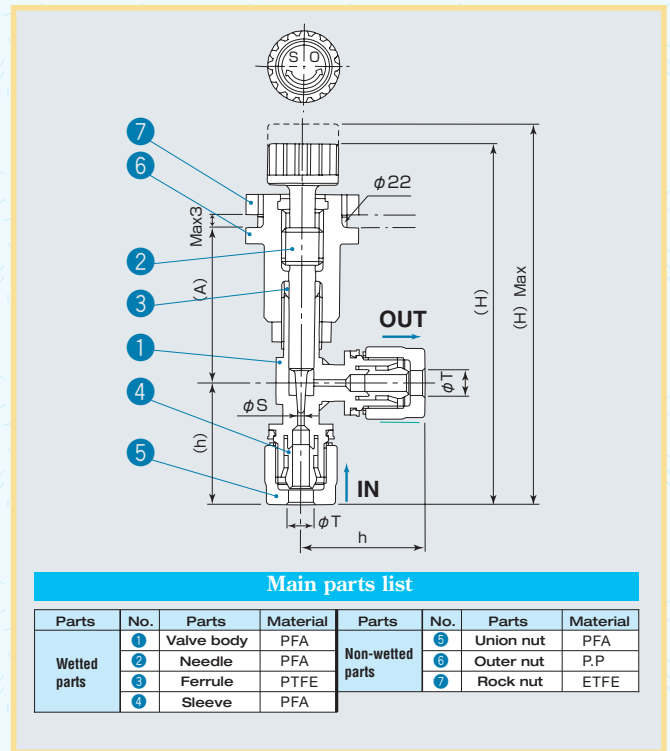
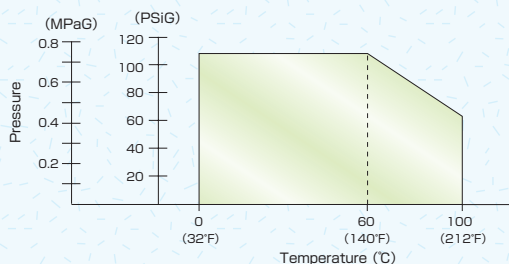
### Feature

- All wetted parts are made of NEW PFA and PTFE suitable for use in high purity and high corrosive chemical handling applications.
- Compact, light and high reliable design.

### Specifications

Type : **PCAP**  
 Operation method : **Manual**  
 Connecting method : **Tube fitting (Super 300 type fitting)**  
 Max operation pressure : **0.7MPaG {99.54PSIG}**  
 Max operation temperature : **100°C {212°F}**  
 Ambient temperature : **0°C~60°C {32°F~140°F}**  
 CV Flow Factor : **0.026**  
 Fluid : **Chemical & DI water liquids.**

### Operation pressure and Temperature range

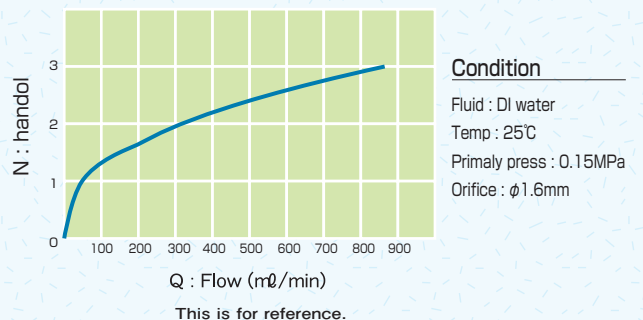


### Dimension

mm Tube				mm (inch)			
Type No.	Tube diameter φT(O.D×I.D)	(H) (max)	(H)	φS	(h)	(A)	Panel
PCAP-P3B	3×2	87.5 (3.44)	82.5 (3.25)	1.6 (0.06)	24 (0.94)	37 (1.46)	22 (0.87)
PCAP-P6B	6×4	92.2 (3.63)	87.5 (3.44)	1.6 (0.06)	29.5 (1.16)	37 (1.46)	22 (0.87)
inch Tube				mm (inch)			
Type No.	Tube diameter φT(O.D×I.D)	(H) (max)	(H)	φS	(h)	(A)	Panel
PCAP-PW1B	3.18×2.18	87.5 (3.44)	82.5 (3.25)	1.6 (0.06)	24 (0.94)	37 (1.46)	22 (0.87)
PCAP-PW2B	6.35×3.95	92.2 (3.63)	87.5 (3.44)	1.6 (0.06)	29.5 (1.16)	37 (1.46)	22 (0.87)

Remarks : Concerning **PCAP P3B** and **PCAP-PW1B**, structure is different from above mentioned drawing. Super Fitting is also available.

### Performance curve





# AIR VENT VALVE

## Feature

- All wetted parts are made of NEW PFA and PTFE suitable for use in high purity and high corrosive chemical handling applications.
- Compact, light and high reliable design.

## Specifications

Type : PAV

Operation method : Manual

Connecting method : Tube fitting (Super 300 type fitting)

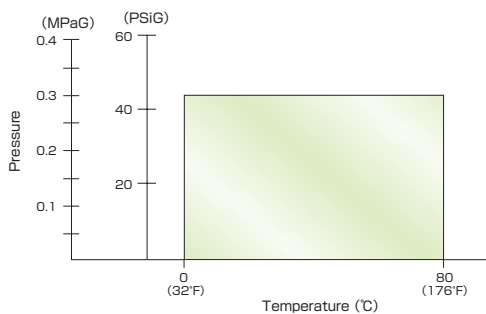
Max operation pressure : 0.3MPaG {42.66PSIG}

Max operation temperature : 80°C {176°F}

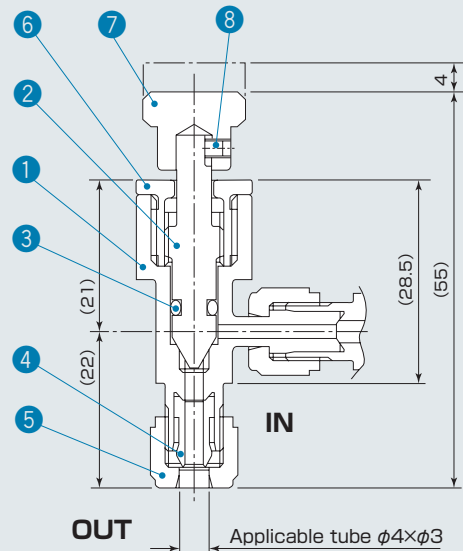
Ambient temperature : 0°C~60°C {32°F~140°F}

Fluid : Chemical & DI water liquids.

## Operation pressure and Temperature range



Remarks : Trademark of E.I. duPont de Nemours and Co. (Inc.)  
Super Fitting is also available.



### Main parts list

No.	Parts	Material
1	Body	PFA
2	Needle	PFA
3	O-RING	Perfluoro elastomer or EPDM
4	Sleeve	PFA
5	Union nut	PFA
6	Clamp nut	P.P
7	Knob	PVdF
8	Bolt	SUS316

### Type No. & O-RING Material

Type No.	O-RING	Knob
PAV P4-4-K	Perfluoro elastomer	Natural (PVdF)
PAV P4-4-E	EPDM	Black (PVdF)

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\*Specifications and dimensions are subject to change without prior notice.

\*The data on this catalogue are solely for your reference and are not to be construed as constituting a warranty.



• Follow the instructions, before installation and operation, for your safety.