

FLOW CONTROL VALVE & AIR VENT VALVE



FLOW CONTROL VALVE

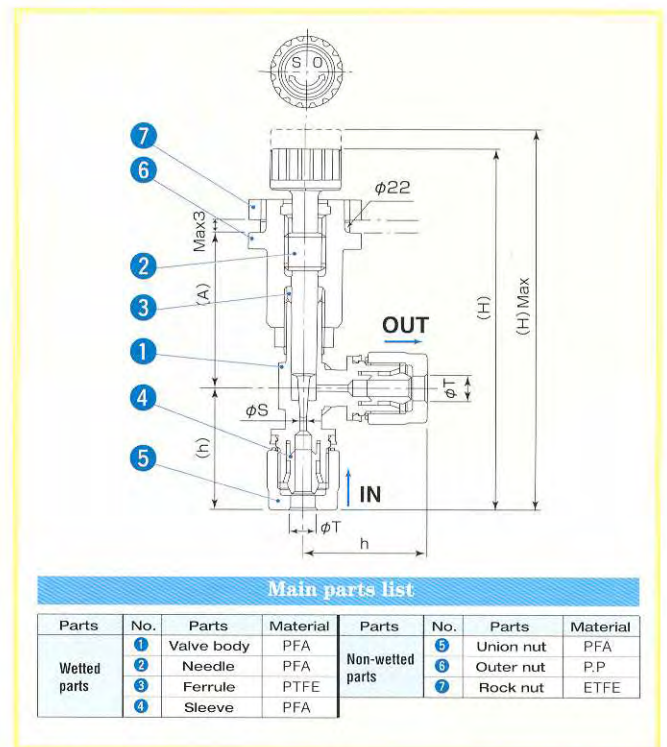
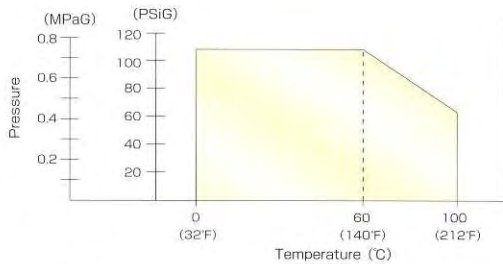
Feature

- 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 : **60°C {140°F}**
 CV Flow Factor : **0.026**
 Fluid : **Chemical & DI water liquids.**

Operation pressure and Temperature range

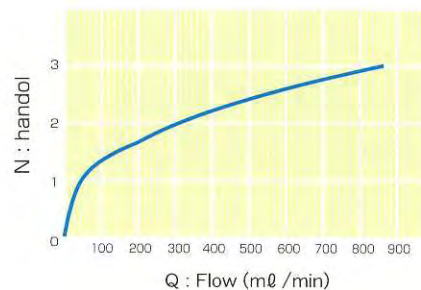


Demension

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-P3B	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



Condition
 Fluid : DI water
 Temp : 25°C
 Primaly press : 0.15MPa
 Orifice : φ1.6mm

Q : Flow (ml /min)
 This is for reference.