FLOW CONTROL VALVE
& 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: 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

![Graph showing pressure vs temperature]

Demension

<table>
<thead>
<tr>
<th>mm Tube</th>
<th>mm (inch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type No.</td>
<td>Tube diameter</td>
</tr>
<tr>
<td>PCAP-P3B</td>
<td>3x2</td>
</tr>
<tr>
<td>PCAP-P3B</td>
<td>5x4</td>
</tr>
</tbody>
</table>

inch Tube mm (inch)

<table>
<thead>
<tr>
<th>Type No.</th>
<th>Tube diameter</th>
<th>(H)</th>
<th>(max)</th>
<th>(H)</th>
<th>(max)</th>
<th>(h)</th>
<th>(A)</th>
<th>Panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCAP-PW18</td>
<td>3.18x2.18</td>
<td>87.5 (3.44)</td>
<td>82.5 (3.26)</td>
<td>1.5</td>
<td>24</td>
<td>37</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>PCAP-PW28</td>
<td>6.35x3.95</td>
<td>92.2 (3.63)</td>
<td>87.5 (3.44)</td>
<td>1.5</td>
<td>24</td>
<td>37</td>
<td>22</td>
<td></td>
</tr>
</tbody>
</table>

Remarks: Concerning PCAP-P3B and PCAP-PW18, structure is different from above mentioned drawing. Super fitting is also available.

Performance curve

![Graph showing performance curve]

Condition

- Fluid: DI water
- Temp: 25°C
- Primary press: 0.15MPa
- Orifice: Ø1.8mm

This is for reference.