Primary/Secondary Header
Model PSH

DESCRIPTION
The B&G low-loss header, Model PSH, is a combination air separator and manifold that creates independent primary and secondary circuits. The B&G Model PSH is equipped with a purge valve allowing the user to remove any debris deposited on the bottom of the vessel and an air vent releasing trapped air in the system.

CONSTRUCTION
Connection
- 1", 1-1/4", and 1-1/2" threaded female
- 2", 2-1/2", 3", and 4" ANSI 150 CLASS Flange

Material
- Body: Steel
- Air Vent: Brass
- Drain Valve: Brass
- Insulation-Threaded: PEX
- Insulation-Flange: Polyurethane Foam

MODEL NUMBER | PART NUMBER | CONNECTION SIZE (INCHES) | MAX FLOW GPM (m³/h) | TAGGING INFORMATION | QUANTITY
--- | --- | --- | --- | --- | ---
PSH-1 | 112465 | 1 | 11 (2.5) | | 
PSH-1.25 | 112466 | 1-1/4 | 18 (4) | | 
PSH-1.5 | 112467 | 1-1/2 | 26 (6) | | 
PSH-2 | 112468 | 2 | 40 (9) | | 
PSH-2.5 | 112469 | 2-1/2 | 80 (18) | | 
PSH-3 | 112470 | 3 | 124 (28) | | 
PSH-4 | 112471 | 4 | 247 (56) | | 

TYPICAL SPECIFICATIONS
Furnish and install as shown on plans a _____-inch primary/secondary header with insulation. The header shall be designed for maximum operating pressure of 150 PSI at a maximum operating temperature of 210°F/220°F/230°F. The header shall function as a combination air separator and manifold that creates independent primary and secondary circuits. The header body shall be made of steel and equipped with brass air vent and drain valve.

The primary/secondary header shall be Xylem Bell & Gossett Model No. PSH-______.
OPERATING DATA

With Insulation
Working pressure: 150 PSI
Operating temperature Threaded: 32° - 210°F
Operating temperature Flanged: 32° - 220°F

Without Insulation
Working pressure: 150 PSI
Operating temperature Threaded and Flanged: 32° - 230°F

DIMENSIONS AND WEIGHTS – Inches (mm)

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>D (mm) MAX.</th>
<th>E (mm)</th>
<th>F(ø) (mm)</th>
<th>Weight LB (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSH-1</td>
<td>24-3/8&quot; (619)</td>
<td>8&quot; (204)</td>
<td>8-11/16&quot; (220)</td>
<td>7-11/16&quot; (195)</td>
<td>8-7/8&quot; (225)</td>
<td>3&quot; (76)</td>
<td>6.0 (2.7)</td>
</tr>
<tr>
<td>PSH-1.25</td>
<td>26-3/4&quot; (679)</td>
<td>8-7/16&quot; (214)</td>
<td>9-1/2&quot; (240)</td>
<td>8-7/8&quot; (225)</td>
<td>9-3/4&quot; (248)</td>
<td>3-1/2&quot; (89)</td>
<td>8.3 (3.8)</td>
</tr>
<tr>
<td>PSH-1.5</td>
<td>28-1/3&quot; (719)</td>
<td>8-13/16&quot; (224)</td>
<td>10-1/4&quot; (260)</td>
<td>9-1/4&quot; (235)</td>
<td>11-1/8&quot; (282)</td>
<td>4-1/2&quot; (114)</td>
<td>12.6 (5.7)</td>
</tr>
<tr>
<td>PSH-2</td>
<td>42&quot; (1069)</td>
<td>15-11/16&quot; (398)</td>
<td>13&quot; (330)</td>
<td>13-7/16&quot; (341)</td>
<td>13-13/16&quot; (350)</td>
<td>6-11/16&quot; (169)</td>
<td>78.7 (35.7)</td>
</tr>
<tr>
<td>PSH-2.5</td>
<td>42&quot; (1069)</td>
<td>15-11/16&quot; (398)</td>
<td>13&quot; (330)</td>
<td>13-7/16&quot; (341)</td>
<td>13-13/16&quot; (350)</td>
<td>6-11/16&quot; (169)</td>
<td>87.7 (39.8)</td>
</tr>
<tr>
<td>PSH-3</td>
<td>50-3/8&quot; (1279)</td>
<td>17-3/8&quot; (440)</td>
<td>17-3/4&quot; (450)</td>
<td>15-1/2&quot; (368)</td>
<td>18-3/8&quot; (466)</td>
<td>8-5/8&quot; (219)</td>
<td>108.0 (49)</td>
</tr>
<tr>
<td>PSH-4</td>
<td>50-3/8&quot; (1279)</td>
<td>17-3/8&quot; (440)</td>
<td>17-3/4&quot; (450)</td>
<td>15-1/2&quot; (368)</td>
<td>18-1/2&quot; (470)</td>
<td>8-5/8&quot; (219)</td>
<td>116.8 (53)</td>
</tr>
</tbody>
</table>

Dimensions are subject to change. Not to be used for construction purposes unless certified.

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