HEAVY-PATTERN HOSE BIBB

T-531HP

Larger, heavy-duty body, bonnet, stem and handle are designed for frequent-use commercial or residential water applications.

Oversized hose-threaded outlet with extra thread, provides a positive-seal connection between valve and hose end.

Six-sided wrench flats at the inlet connection are 45 percent larger than standard hose bibb flats, permitting more tool contact and easier installation.

1/2” and 3/4” sizes accept 3/4” hose-thread-mounted vacuum breakers, including our models T-553, T-553C, T-554, T-555 and T-556.

All sizes feature uni-directional flow, 2-1/4-turn operation and large waterways.

Available in nominal 1/2”, 3/4” or 1” MNPT pipe thread x 3/4” or 1” MGH T hose thread sizes.

The male NPT inlet connection of the 1/2” T-531HP can also be sweat onto 1/2” nominal copper tubing.

*These models are not included with the T-531HP and do not appear on this submittal sheet. Please check your local backflow prevention code requirements and contact Legend for additional submittal information.

Working Pressure, Non-Shock (PSI)

Cold working pressure (CWP): 125 PSI

Saturated steam (WSP): Not suitable for steam applications.

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### MATERIAL SPECIFICATION

<table>
<thead>
<tr>
<th>PART</th>
<th>MATERIAL</th>
<th>SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Handle screw</td>
<td>Hot-rolled carbon steel AISI / SAE 1010R</td>
</tr>
<tr>
<td>2</td>
<td>T-handle</td>
<td>Zinc Commercial grade, Z30A</td>
</tr>
<tr>
<td>3</td>
<td>Packing nut</td>
<td>Forged brass ASTM B16 UNS C36000</td>
</tr>
<tr>
<td>4</td>
<td>Stem packing</td>
<td>NBR (Buna-N) rubber Commercial grade</td>
</tr>
<tr>
<td>5</td>
<td>Bonnet</td>
<td>1/2” and 3/4”: Cast brass (1”: Forged brass) ASTM B584 UNS C35710 (1”: ASTM B124 UNS C37700)</td>
</tr>
<tr>
<td>6</td>
<td>Bonnet gasket</td>
<td>NBR (Buna-N) rubber Commercial grade (1”: SAE 1052)</td>
</tr>
<tr>
<td>7</td>
<td>Anti-friction washer</td>
<td>Stainless steel AISI Grade 304</td>
</tr>
<tr>
<td>8</td>
<td>Stem</td>
<td>Cast brass ASTM B584 UNS C35710</td>
</tr>
<tr>
<td>9</td>
<td>Seat</td>
<td>NBR (Buna-N) rubber Commercial grade (1”: SAE 1052)</td>
</tr>
<tr>
<td>10</td>
<td>Seat screw</td>
<td>Forged brass ASTM B124 UNS C37700</td>
</tr>
<tr>
<td>11</td>
<td>Body</td>
<td>Cast brass ASTM B584 UNS C35710</td>
</tr>
</tbody>
</table>

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### DIMENSIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B (closed)</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2” MNPT x 3/4” MGH T</td>
<td>4.09</td>
<td>2.36</td>
<td>2.36</td>
</tr>
<tr>
<td>3/4” MNPT x 3/4” MGH T</td>
<td>4.13</td>
<td>2.36</td>
<td>2.36</td>
</tr>
<tr>
<td>1” MNPT x 1” MGH T</td>
<td>5.47</td>
<td>4.63 (overall height)</td>
<td>2.36</td>
</tr>
</tbody>
</table>