HEAVY-PATTERN NO-KINK HOSE BIBB

T-533HP

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.

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

No-kink body design angles the attached hose outward, reducing the possibility of kinking unreinforced hose types.

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

Equipped with a stem packing and packing nut design, which are superior to packless-bonnet stem seal designs.

Heavy-pattern design features include uni-directional flow, 2-1/2-turn operation and large waterways.

Available in nominal 1/2” or 3/4” MNPT pipe thread x 3/4” MGHt hose thread sizes, the male NPT inlet connection of the 1/2” T-533HP can also be sweat onto 1/2” nominal copper tubing.

Working Pressure, Non-Shock (PSI)

Cold working pressure (CWP): 125

Saturated steam (WSP): Not suitable for steam applications

<table>
<thead>
<tr>
<th>MATERIAL SPECIFICATION</th>
<th>PART</th>
<th>MATERIAL</th>
<th>SPECIFICATION</th>
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<tbody>
<tr>
<td>1 Handle screw</td>
<td></td>
<td>Hot-rolled carbon steel</td>
<td>AISI / SAE 1010R</td>
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<tr>
<td>2 T-handle</td>
<td></td>
<td>Zinc</td>
<td>Commercial grade, Z30A</td>
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<td>3 Packing nut</td>
<td></td>
<td>Forged brass</td>
<td>ASTM B16 UNS C36000</td>
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<tr>
<td>4 Stem packing</td>
<td></td>
<td>Graphite</td>
<td>Commercial grade, LK 33 NA FG</td>
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<td>5 Bonnet</td>
<td></td>
<td>Forged brass</td>
<td>ASTM B16 UNS C36000</td>
</tr>
<tr>
<td>6 Bonnet gasket</td>
<td></td>
<td>Polyacetal resin</td>
<td>Commercial grade, POM M90</td>
</tr>
<tr>
<td>7 Stem</td>
<td></td>
<td>Forged brass</td>
<td>ASTM B16 UNS C36000</td>
</tr>
<tr>
<td>8 Seat</td>
<td></td>
<td>NBR (Buna-N) rubber</td>
<td>Commercial grade</td>
</tr>
<tr>
<td>9 Seat screw</td>
<td></td>
<td>Forged brass</td>
<td>ASTM B124 UNS C37700</td>
</tr>
<tr>
<td>10 Body</td>
<td></td>
<td>Cast brass</td>
<td>ASTM B584 UNS C85710</td>
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<tr>
<th>DIMENSIONS</th>
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<tbody>
<tr>
<td>Size</td>
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<tr>
<td>1/2” MNPT x 3/4” MGHt</td>
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<tr>
<td>3/4” MNPT x 3/4” MGHt</td>
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*These models are not included with the T-533HP and do not appear on this submittal sheet. Please check your local backflow prevention code requirements and contact Legend for additional submittal information.