Features

- Brass valve bodies
- High-temperature limit setting for added safety
- Mixing valve cycles from “cold” to “hot”
- Rite-Temp pressure-balancing diaphragm design valve
- One-piece diaphragm cartridge design for ease of maintenance
- Available with or without screwdriver stops

Codes/Standards Applicable
Specified model meets or exceeds the following:
- ASME A112.18.1/CSA B125.1
- ASSE 1016

Colors/Finishes

- NA: None applicable

Specified Model

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Colors/Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-304-K</td>
<td>Pressure-balancing valve without screwdriver stops – universal inlets</td>
<td>❑ NA</td>
</tr>
<tr>
<td>K-304-KS</td>
<td>Pressure-balancing valve with screwdriver stops – universal inlets</td>
<td>❑ NA</td>
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<tr>
<td>K-304-PX</td>
<td>Pressure-balancing valve without screwdriver stops – PEX inlets (crimp)</td>
<td>❑ NA</td>
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<tr>
<td>K-304-PS</td>
<td>Pressure-balancing valve with screwdriver stops – PEX inlets (crimp)</td>
<td>❑ NA</td>
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<tr>
<td>K-304-UX</td>
<td>Pressure-balancing valve without screwdriver stops – PEX inlets (cold expansion)</td>
<td>❑ NA</td>
</tr>
<tr>
<td>K-304-US</td>
<td>Pressure-balancing valve with screwdriver stops – PEX inlets (cold expansion)</td>
<td>❑ NA</td>
</tr>
<tr>
<td>K-304-CX</td>
<td>Pressure-balancing valve without screwdriver stops – 1/2” CPVC inlets</td>
<td>❑ NA</td>
</tr>
<tr>
<td>K-304-CS</td>
<td>Pressure-balancing valve with screwdriver stops – 1/2” CPVC inlets</td>
<td>❑ NA</td>
</tr>
</tbody>
</table>


Optional Accessories

Deep rough-in kits are available (refer to the trim set Specification Sheet).

Product Specification

Rite-Temp pressure-balancing single-control valve shall have a brass valve body. Valve shall include a Rite-Temp pressure-balancing diaphragm design valve with a one-piece diaphragm cartridge design for ease of maintenance. Valve shall have mixing valve cycles from “cold” to “hot” and a high-temperature limit stop for added safety. Valve shall be available without or with screwdriver stops. Rite-Temp pressure-balancing valve shall be Kohler Model K-304-____-NA.
**RITE-TEMP®**

### Installation Notes

Install this product according to the installation guide.

Avoid cross-flow conditions. Do not install a shut-off device on either valve outlet.

Cap the shower outlet if a deck-mount spout, diverter, or handshower is connected to a spout outlet.

Install straight pipe or tube drop of 7” (178 mm) to 18” (457 mm) with single elbow between valve and wall-mount spout. Refer to the installation instructions for proper configuration of the connection between the valve and bath spout.

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**Product Diagram**

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**Model** | **A**
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-K | 4” (102 mm)
-KS | 5-3/4” (146 mm)
-PX | 3-3/16” (81 mm)
-PS | 6-1/8” (156 mm)
-UX | 4” (102 mm)
-US | 6-1/8” (156 mm)
-CX | 6-5/8” (168 mm)
-CS | 8-1/2” (216 mm)