**APPLICATION**
- Flashing occurs when hot water at some higher pressure is suddenly released to a lower pressure.
- JFSR Series flash tanks are designed to separate steam from high pressure condensate.
- Flash steam is released through the top of the vessel. The remaining condensate drains from the bottom.
- Flash tanks provide a common lower pressure point for collecting condensate, a means to cool hot condensate, and a source of low pressure steam for heating or process use.

**SPECIFICATIONS**
- Designed and built in accordance with the ASME BPV Code Section VIII, Division 1
- Installation: vertical
- Shell: Carbon Steel with exterior gray primer finish
- Inlet connection: ANSI 150# RF flange
- Flash steam outlet connection: ANSI 150# RF flange
- Condensate outlet connection: NPT boss
- Pressure gauge connection: ½" NPT boss
- Additional connection: NPT boss

**DESIGN PRESSURE AND TEMPERATURE**
- Maximum design pressure: 150 PSI (1034 kPa)
- 175, 200, 250, 300 PSI available upon request
- Maximum design temperature: 500°F (260°C)

**TYPICAL DESIGN SPECIFICATION**
Furnish and install as shown on plans John Wood Model No. JFSR-26-______ (____ gallon / _____ liter) ASME vertical flash tank with a ____” ANSI 150# RF inlet connection and a ____” ANSI 150# RF steam outlet connection. The tank shall be fitted with a ____” NPT boss drain connection on the bottom, a ____” NPT pressure gauge connection, one (1) additional NPT boss connection, and angle type legs for vertical installation. The tank must be designed and constructed in accordance with the ASME Boiler and Pressure Vessel Code Section VIII, Division I, with a stamped MAWP of 150 PSI (1034 kPa) and a maximum design temperature of 500°F (260°C).
JFSR Series / Vertical

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>CODE SYMBOL</th>
<th>MAWP</th>
<th>A DIAMETER</th>
<th>B OVERHEADS</th>
<th>C OVERALL HEIGHT</th>
<th>D DIM</th>
<th>E DIM</th>
<th>F DIM</th>
<th>G DIM</th>
<th>H DIM</th>
<th>I DIM</th>
<th>J BOLT CIRCLE</th>
<th>TANK WEIGHT</th>
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<td>UM/UM</td>
<td>PSIG</td>
<td>IN</td>
<td>MM</td>
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Dimensions are approximate and subject to change
Dimensions should not be used for pre-piping
Weights are approximate
*Stock model