Description

**UNA 25-PK:**
Ball-float operated steam trap with pumping function. The equipment works primarily as a steam trap. The integral automatic pump function ensures efficient condensate discharge even if the steam pressure is low or the back pressure high.

**UNA 25-PS:**
Float-operated condensate lifter, designed for effective return of condensate. Steam is used as motive power to displace condensate out of the body.

Features
- Integrated inlet and outlet check valves.
- Rolling ball valve (UNA 25-PK) for tight shut-off even with low condensate flowrates.
- Float-controlled compact changeover unit for controlling motive steam and deaeration.

**Available Connections and Lengths**

<table>
<thead>
<tr>
<th>Type</th>
<th>Connection</th>
<th>Length L in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNA 25-PK</td>
<td>Flanged EN PN 40</td>
<td>230</td>
</tr>
<tr>
<td>UNA 25-PK</td>
<td>Flanged ASME 150</td>
<td></td>
</tr>
<tr>
<td>UNA 25-PS</td>
<td>Screwed G or NPT</td>
<td>227</td>
</tr>
</tbody>
</table>

**Key**
- A Pressure gauge
- B Thermostatic steam trap for air venting, e.g. MK
- C Optional non-return valve in order to prevent air from entering if a vacuum is formed.
- D Motive steam line (drained, DN 15)
- E Heat exchanger
- F Vent line, DN 15
- G Pressure compensation valve
- H Thermostatic steam trap for draining motive steam line, e.g. BK

**Important Notes**
The equipment must be hooked up to the pipes as shown in the graphical representation.

Please take the following items into consideration:
- A motive steam line must be available and connected (connection: female thread, G½)
- A vent line must be available and connected (connection: female thread, G½)
- Minimum filling head required between condensate outlet of the heat exchanger and the bottom of the equipment: 0.5 m.
- An inlet line (min. length 2.5 m) or buffer reservoir (volume: 3 l) is required.
- Maximum motive steam pressure, depending on design, is 6 or 13 barg.