



## baelz 122

### U-PIPE EVAPORATOR, STEAM HEATED

- horizontal version
- exchangeable U-tube bundle
- with support device
- with supporting cradles

### FLUIDS

**Primary side:** Steam through the pipes

**Secondary side:** Live steam around the pipes

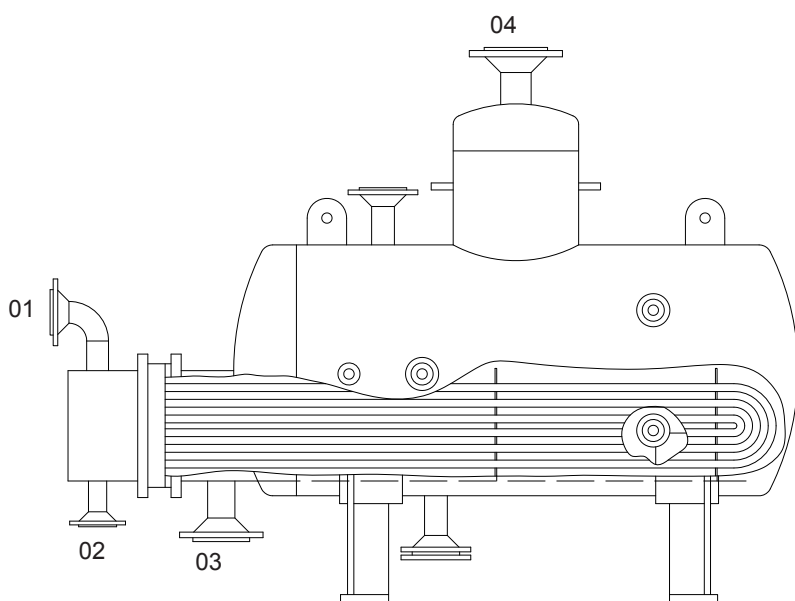
To avoid corrosion in heat exchangers, water qualities must be checked and recorded at regular intervals.

Requirements for water qualities can be found in our Corrosion Specification, which we are happy to send you upon request.

### Technical specifications, baelz 122

<b>Tubes</b>	Steel / copper / stainless steel
<b>Tube sheet</b>	Steel / stainless steel
<b>Preheader</b>	Steel / parts in contact with the fluid 1.4571
<b>shell, flash tank</b>	Steel / parts in contact with the fluid 1.4571
<b>Insulation</b>	Mineral wool with galvanized / stainless steel sheet metal shell
<b>Housing length</b>	Housing dimensions are designed to order
<b>Diameter</b>	Housing dimensions are designed to order

Execution, production and testing according to Pressure Equipment Directive PED 2014/68/EU  
Category / Module: I / A, II / A2, III / G or IV / G & AD 2000 Rules.



baelz 122:

- 01 = primary steam inlet
- 02 = primary condensate outlet
- 03 = feedwater inlet
- 04 = live steam outlet

#### Note:

- All nozzles and sleeves principally to be connected without load pursuant AD2000.
- On the inlet side, a straight pipeline must be provided as a calming section with a length of min. 6 x DN of the heat exchanger inlet nozzle. The nominal diameters of the pipe and heat exchanger inlet nozzles must match.
- Required hot water quality according to VDI 2035 (avoidance of damage in hot water heating systems according to DIN EN 12828)