

Vacuum deaerator for district heating water for an existing demineralisation plant

Customer: Stadtwerke Kiel AG, Germany
Procedure: Vacuum deaeration
Capacity: 16 t/h
Year of realisation: 2015
Specialities: Deaerator from 1.4541, with perforated plate, upper packing column und lower storage tank and plugged-in heat exchanger, vapour condenser and two redundant liquid ring vacuum pumps, Online-oxygen analyser and further equipment for automatic operation. The deaerator operates at 70 °C (partial vacuum, approx. 300 mbar abs.). The residual oxygen is well below < 20 ppb.



Vacuum deaerator, insulated



Rack with vapour condenser, vacuum pumps and additional preheater for feed water (from right to left)

Referenz rwt014