



Thinking solutions.

Kauguru boiler house

Jūrmala city, Latvia



Project

- Kauguru boiler house in Jūrmala city
- Operator: SIA Jūrmalas Siltums

Performance parameter

- Water contents: 400 m³
- Working pressure: 5 bar
- Working temperature: 70 °C
- Required make-up volume flow rate: 1.0 m³/h

Task

- To provide special vacuum degassing due to bigger system's volume (400 m³) and higher make-up flow rate (1.0 m³/h)
- To guarantee dissolved oxygen level less than 0.02 mg/dm³
- Degassing water in district heating pipelines

Product solution

- **Servitec 95-2** vacuum spray tube degassing
- **Extwin TW250 R-HC** combined microbubble and dirt separator with **Exferro** high-performance magnetic insert

Achieved goals

- Low concentration of gas in heating system thanks to degassing of system water and water make-up volumes.
- The customer required a DO-level of less than 0.02 mg/l. This goal is achieved by the Servitec operation.