



Thinking solutions.

State Hospital Hochzirl

Zirl, Austria



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Project

- State Hospital Hochzirl
- Contractor: Ortner Innsbruck
- Customer: tirol kliniken
- Commissioned in: October 2018

Performance parameter

- Output: Hoval gas boiler, 1,700 kW capacity
- Safety valve pressure: 5.0 bar
- Static height: 25 m
- Temperature: Flow 75 °C, Return 60 °C

Task

- Replacement of a competitor's compressor-controlled pressure maintenance system and installation of a manifold.
- Height constraints in the room necessitated the use of low tanks with larger diameters.

Product solution

- 1 x **Variomat VS 2/1-60 Control Basic**
- 1 x **Variomat primary vessel VG 1000** (1,000 litres with diameter 1,000)
- 2 x **Variomat secondary vessel VF 1000**
- 1 x **Fillsoft Zero** for desalinating the filling and top-up water
- 1 x **Manifold**

Achieved goals

- Replacing the compressor-controlled pressure maintenance with a Variomat enhanced the performance of the system not only covering pressure maintenance, but also degassing and automatic water make-up in one solution.