

Aquasol Rottweil, Germany



Project

- Salt water and leisure pool/Charlottenhöhe district heating system
- Client and operator: ENRW Energieversorgung Rottweil GmbH & Co.KG Rottweil/
Execution by Sülzle Kopf GmbH
- Commissioning August 2017

Task

- Replacement of the existing pressure maintenance and upgrade to reflect best engineering practice.
- Leveraging of the limited space and simplification of the hydraulic system
- Maximum supply reliability and minimisation of failures

Product solution

- 2 x **Variomat Giga GH 100**, compound connection on 1200 x 1200 x 1700 **skid**
- **Variomat Giga GS 3** control module, Reflex Profibus-DP bus module
- **Variomat Giga GG 4000** primary vessel
- 4 x **Variomat Giga GF 4000 secondary vessel**
- **Exdirt D125** dirt separator with flange and Exferro magnet insert
- **Reflex G 400**

Achieved goals

- So far, operation has been trouble-free with no additional effort required. The twin system has already proven its performance capabilities.
- Degassing commenced in continuous operation before now being performed at regular intervals, which saves even more energy. By the same token, the pressure maintenance pumps only switch on when needed (whereas they used to run continuously).