

Hyclean Automation System

Clean drinking water for guests

Hotel Restaurant Sonne, Sissach, Schweiz

HOTEL SONNE

URANT

Automation of sanitary technology
for hygienically safe drinking water
in the catering, hotel and retirement
home sectors

There's nothing more important than the wellbeing of guests

It took around three years to convert the 500-year old Hotel Sonne in the center of Sissach, in the Canton of Basel-Landschaft, Switzerland. The new owners, the Linsalata family, developed a versatile concept comprising restaurants, a hotel, retirement home and medical center with great attention to detail. A cutting edge, safe drinking water installation was especially close to the hearts of the patrons and owners of the building services company that goes by the same name. The property, steeped in tradition, was opened in renewed splendor in April 2022.

Project background

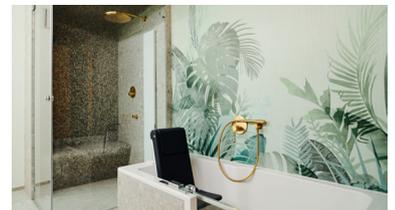
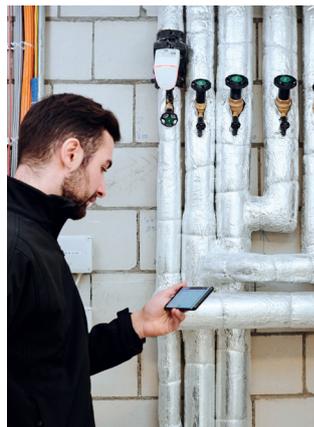
In January 2019, the Linsalata family decided to buy, renovate and convert the traditional restaurant and hotel Sonne in Sissach. The historic building structure was preserved wherever possible and appropriate and blended with a modern infrastructure. In addition to the versatile use for entertaining and accommodating guests, the family has also incorporated apartments for the elderly. This tipped the scales in favor of installing a drinking water system that meets the highest hygiene standards.

Selected technical solution

The Linsalata family decided on the Hycleen Automation System from GF Piping Systems. "It is very important that we have one system to monitor everything for the complex with both hotel and apartments for the elderly. This gives us peace of mind that legionella have no chance of multiplying," stresses Michele Linsalata, both investor and technical specialist. In addition to the Hycleen Automation System, JRG fittings, JRG Sanipex and Sanipex MT as well as INSTAFLEX were used for the drinking water installation, ensuring a hygienic system free of corrosion and dead space.

Improvements achieved

At the Sonne in Sissach, 15 circulation valves and 1 flush valve have been installed and can be controlled safely and conveniently via the Hycleen Automation System master. The Hycleen Connect cloud solution allows the installation to be monitored and controlled digitally. The data is logged automatically. If something goes wrong, an alarm is triggered. Pipes not in constant use are automatically flushed every 72 hours to prevent water from stagnating. The circulation valves with a flow sensor are responsible for ensuring constant temperatures and automatic hydraulic balancing. All this prevents the formation of biofilm and legionella infestation. The system also enhances comfort and reduces energy consumption.



Benefits of the Hycleen Automation System

- **Hygiene: protection against biofilm formation and infestation by legionella bacteria**
- **Energy saving: lower hot water temperatures thanks to optimal hydraulic balancing**
- **Comfort: no long waiting times for cold or hot water thanks to the simplified hydraulic balancing calculation**
- **Easy to use: automatic detection of the sensors and simple installation**

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