

Re-experience building services

Hands-on building services: The new showroom of Georg Fischer JRG AG shows modern building services and conveys know-how for planners, plumbers and architects.

Most household installations have one thing in common; they are almost always fully hidden. They go into walls and ceilings and no-one sees them. But their quality – particular with regards to planning and installation – has an influence on the well-being of the user of the building, which is not to be underestimated. In order to make this clear to planners, plumbers and architects, Georg Fisher JRG has set up a new showroom at the company's office and production site in Sissach. The showroom conveys highly-valuable building services know-how and provides the approx. 3,500 visitors each year with an overall quality understanding for installations: fittings and installations without dead space, effective noise insulation, reliable anti-scaling protection and long-term effective protection against micro-organisms. All of these are important questions both for the well-being and comfort of the inhabitant, as well as their health – and, last but not least, for the long-term life-span of the installations, i.e. for long-term cheap maintenance and repair costs.

Experience building services

As the centre of competency for building services of the Georg Fischer Group, the new showroom at Georg Fischer JRG AG in Sissach allows visitors to directly experience modern sanitary installations. Here the some of the building services which are otherwise "hidden" in walls are designed so that they can be seen. Using a fully-equipped two-room apartment with a lounge, bedroom, bathroom, kitchen, dining area and terrace, as well as a connections room, the visitors can obtain extensive information about modern building services. Several info points provide practical background information on touchscreen monitors about the important issues regarding sanitary installation: flow, hygiene, anti-scaling protection, noise insulation, etc.

Comfort begins with the planning

An important issue, not just in contract business, is the loss of pressure in conduit systems, which can reduce the level of comfort above all in the bathroom and shower. The showroom clearly illustrates what this looks like using a double wash basin, and an info point indicates how a loss of pressure can be avoided. The bathroom of the showroom also shows the often underestimated importance of flow noises. In the centre point a shower head is installed. It makes everyday noises audible to visitors – and in particular makes building contractors aware of them in case of planning questions. This is because if the technology behind the wall isn't right, the inhabitant may be bothered in some situations for many years.

Modern technology provides peaceful dreams

In the showroom's bedroom a noise insulation cabinet can be viewed by visitors. It simulates the quiet situation of sleeping inhabitants at night. When the background noise falls at night, other things come to the foreground which were not audible during the day. The visitor can see for him/herself what this means for sanitary installations: the cabinet has direct contact to an adjacent bathroom. If the visitor releases a double-magnet valve by the press of a button, a defined amount of water flows into the bath. The visitor can then experience how even low flow noises can be clearly perceived in the piping system of an apartment. Noise interference from a lack of planning and execution deficiencies in building services systems can usually only be corrected at great expense. Here the specialists at Georg Fischer JRG can give architects and mechanics valuable planning tips and installation instructions in advance, to ensure reliable and high-quality building services.

Solutions for hard drinking water

One of the central points of a durable and defect-free installation is ensuring that deposits of limescale are avoided as far as possible. In the house's connection room a distributing battery is therefore installed with the GF JRG limescale protection device Coral force, as well as a calorifier and a warm water meter connection for the house. Coral force reduces limescale deposits in the drinking water installations based on a so-called biomineralisation process: similar in design to sea corals, one granulate works like a catalyst when small limescale crystals appear. As the deposits increase these nano-crystals grow to sizes in the micro range. This growth has one big advantage: above a certain size the crystals automatically detach from the granulate and are discharged with the water flow. Their size also prevents them being able to accumulate in the pipelines.

Alongside the Coral force limescale protection device, the pipeline systems Sanipex classic, Sanipex MT, iFIT and INSTAFLEX can be used in the connections room, and in addition the LegioTherm system also shows its strengths in thermal disinfection.

Protection from micro organisms

Limescale protection is also an important issue in kitchens. In the showroom, visitors can directly see, thanks to two identical stainless steel basins - one with the Coral force limescale protection device installed and the other without this future-orientated technology – what effect hard drinking water has on kitchen appliances, fittings and basins.

An info point in the kitchen also provides background information about the sources of health hazards due to defect pipeline systems. Delicate areas include, for example, so-called dead spaces. As a result of a lack of purging with flowing fresh water, these spaces can offer microorganisms optimum conditions for growth. Here the showroom demonstrates how the pipeline systems and fittings of Georg Fischer JRG prevent the formation of microfilms due to their dead space free construction. This is an important issue, particularly for planning and installation in old people's homes, hospitals, hotels and residential areas, schools or kindergartens.

If they have any questions a meeting and presentation area is available to the visitors in the showroom. Here films are shown about building service applications, but above all technical questions and solutions can be discussed with the advisors of Georg Fischer JRG. Finally, each visitor can view the high quality of the production and creation of the products in a site tour.