

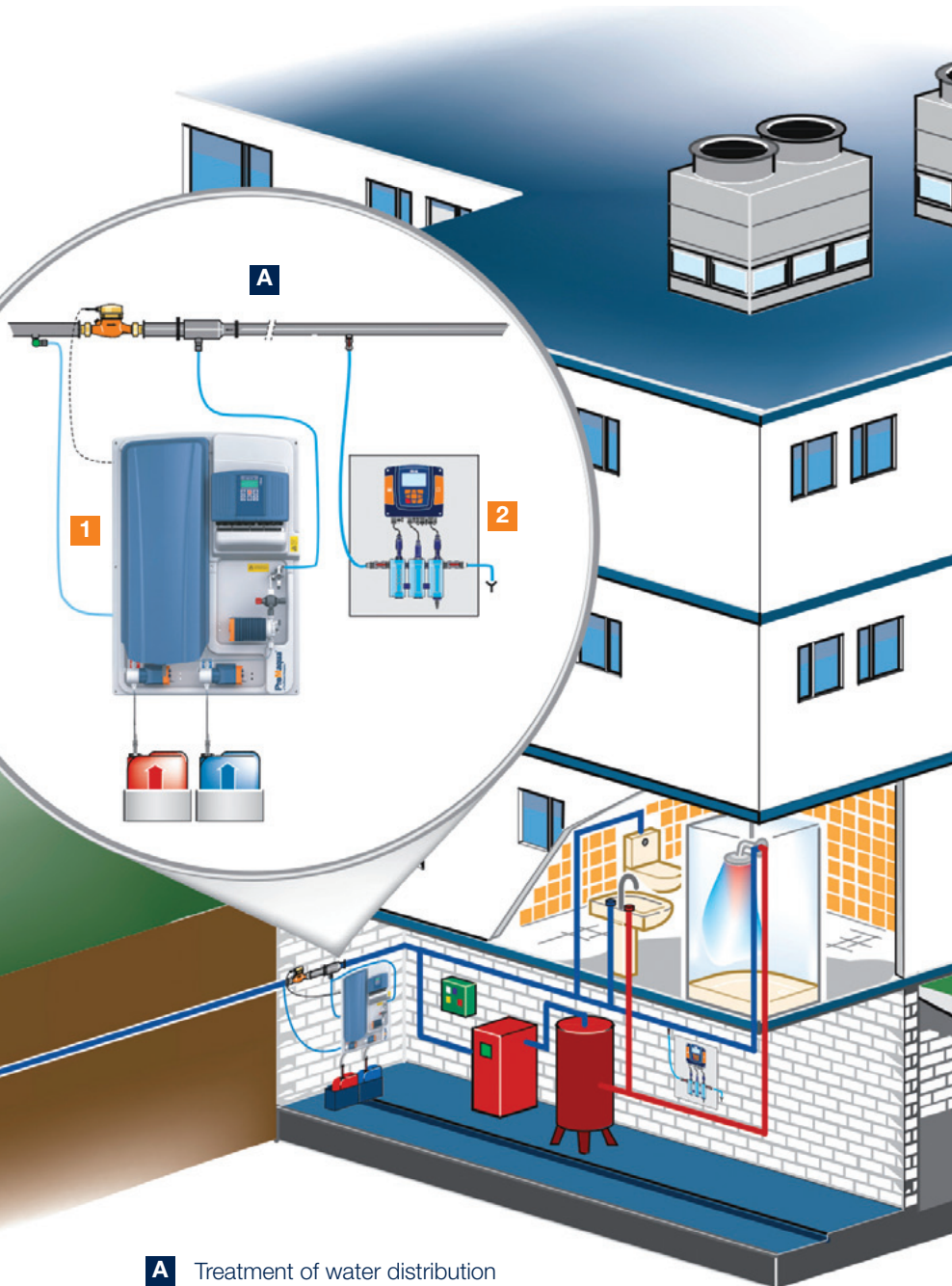
Eliminating legionellae: safely, efficiently and sustainably

Reliable disinfection of piping systems in hotels

ProMinent®



Germ-free piping systems using chlorine dioxide



A Treatment of water distribution system with chlorine dioxide

1 Chlorine dioxide system Bello Zon® CDLb

2 Complete measuring and control technology including sensors

Legionellae lead to absence of guests

There are many important factors for an economic and thus, a successful hotel operation. One of them is clean and germ-free drinking water. Since negative headlines caused by legionellae or other harmful germs in the water can lead to a long-term absence of guests.

Enduring elimination of legionellae in drinking water, however, is only possible in combination with fighting biofilms in the piping systems, too. Though, these biofilms are extremely resistant to disinfectants. All processes, which are exclusively aiming at directly killing the legionellae, are not sustainable and therefore, do not remove the cause.

Chlorine dioxide – the most effective means

As a gas dissolved in water, chlorine dioxide penetrates the protective layers of slime-forming microorganisms leading both to prevention of biofilm growth and to its gradual removal even from old piping systems. The great advantage: Chlorine dioxide as a disinfectant complies with the drinking water ordinance and hence, can be metered continuously. In this way, already with very low concentrations, the elimination of legionellae can be achieved in the mid-term and ensured in the long-term. Contrary to other disinfectants, there is no risk of formation of resistances and the excellent depot effect also protects pipe sections, which are not in use regularly.

Proven in practice in many Accor Group hotels

Economical operation and safe disinfection

The chlorine dioxide systems of the series Bello Zon® reliably provide highly effective chlorine dioxide directly on-site in an always reproducible amount. For that reason, during the last two years more than 30 hotels of the Accor Group have been equipped with Bello Zon® CDLb, the market leading chlorine dioxide system in terms of quality and technology.

The hotel operators benefit from a safe process technology as well as an economic operation. This is due to the fact, that precise metering even at fluctuating water flows and thus, the constantly correct chlorine concentration, result in a low consumption of chemicals. Furthermore, a short installation time of the ready to use system ensures an uninterrupted hotel operation. The system is easy to use and requires only minimum maintenance.

Selected references of the Accor Group

Mercurie in Mragowo



Mercurie in Warsaw



Sofitel Grand in Sopot



Significant benefits for the hotel operation:

- Technology partner with long years of product and process know-how
- Customer-specific solution meeting individual requirements
- Reliable and sustainable killing of legionellae and other germs
- Removal of biofilm in the complete drinking water piping system
- Cost-effective rehabilitation of infected hot and cold water systems
- Quick and simple installation, no interruption of operation required
- Easy to use, economic operation, safe online control
- Worldwide service provided by ProMinent



Contact worldwide



Experts in Chemical Feed and Water Treatment

ProMinent is at home in more than 100 countries of the world. This guarantees worldwide availability of the products and short distances to the customer. We offer you the same high quality

standard in products and services worldwide. For you at your location: experience and knowhow in water treatment and chemical fluid handling are available worldwide.

ProMinent Group

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