

Chlorine Dioxide Preparation and Dosing Systems

GRUNDFOS OXIPERM®

The Grundfos Oxiperm® provides chlorine dioxide generators that are extremely easy to use, bringing together precise dosing technology, an ideal mixture of components, quick chemical reactions with maximum conversion rates, and outstanding reliability for effective disinfection.

Chlorine dioxide is an extremely long-lasting and effective disinfectant. Even relatively small quantities of chlorine dioxide display high disinfecting properties against all critical and chlorine-resistant germs, almost regardless of pH value. Chlorine dioxide can be used to successfully reduce the formation of biofilm in water pipes, which removes the life source for harmful germs such as legionella.

The compact Oxiperm® Pro OCD-162 system has been developed for applications in building services. This disinfection system is specifically designed for fighting legionella in drinking water and cooling tower installations.

The Oxiperm® range offers compact, effective and disinfection.



KEY FEATURES AND BENEFITS

- Compact design, offering easy installation even in confined spaces
- Low operating costs and low consumption of chemicals ensure a solution that saves time and cost
- Innovative dosing and calibration technology; always the optimum solution for your specific application
- On-site preparation of chlorine dioxide
- Complete chemical reaction within a short timeframe
- Chlorine dioxide provides a highly effective solution against legionella and biofilm

APPLICATIONS

- Fighting legionella in hotels, hospitals, retirement homes, fountains, swimming pools and sports facilities
- Municipal waterworks
- Independent water suppliers
- Industrial process water like brewing water, bottle washing and CIP systems
- Cooling towers

TECHNICAL DATA

OXIPERM®	
OXIPERM® PRO OCD	162 - 5/10/30/55 g/hour
OXIPERM® 164 C	450 g/hour -> 2.5 kg/hour
OXIPERM® 164 D	120 g/hour -> 750 g/hour
OXIPERM® 166	up to 10 kg/hour

Visit grundfos.us/pei to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.