

# DISINFECTION PRODUCT HIGHLIGHT



## OXIPERM PRO

*Legionella pneumophila* is a bacterium found often in domestic and utility water systems that can cause Legionaire's disease or Pontiac Fever. Chlorine dioxide, a strong oxidant generated on-site, can be an effective tool to manage outbreaks.

In order to implement a preventative program against Legionella outbreaks in their domestic water supply, one major central-U.S. hospital turned to a local water treatment company for help. As part of their program they installed ten chlorine dioxide generation systems from a Grundfos competitor.

After suffering frustrations with systems breaking down and difficult service, the hospital and treatment company turned to Grundfos for the Oxiperm Pro Chlorine Dioxide generators. With a simplified process and robust design, the Oxiperm Pro has provided reliable and consistent treatment at the hospital, while also saving chemicals.

### Oxiperm Pro OCD-162

The chlorine dioxide production system is the perfect solution for fighting Legionella and other germs in drinking water. The systems produce chlorine dioxide using diluted solutions of precursor chemicals. It is available in 4 sizes.

### PRODUCT HIGHLIGHT

- Simplified batch production process
- Integrated analyzer and controller
- SMART Digital pumps for precise dosing
- Safety systems
- Compact, robust design



## SMART Digital Dosing

Liquid bleach, sodium hypochlorite, remains number one water disinfectant. And the issues associated with feeding it remain a frequent frustration for operators: loss of prime or gas bubbles.

The Grundfos SMART Digital dosing pumps offer a standard solution for reliable, accurate liquid bleach feed.

**Stepper Motor:** The precise stepper motor and diaphragm design ensure liquid and bubbles are evacuated.

**Auto-Degassing:** Gas bubbles are automatically detected and the dosing pump adjusts flow to degas bubbles.

**Auto-Deaeration:** In stand-by mode the pump works to remove trapped bubbles during down-time.

**Improved Design:** Improved valves and dosing head design to handle trapped gasses.

### SMART Digital DDA, DDC, DDE

Full dosing line that offers cost-effective, precise feed solutions with SIMPLICITY, MODULARITY and FLOW INTELLIGENCE.

