



ProEconomy | orca

Copper and Silver Water Treatment

Case Study

University Hospitals Bristol NHS Foundation Trust

Controlling waterborne pathogens in a UK hospital using copper and silver ionisation.

University Hospitals Bristol NHS Foundation Trust has Orca systems fitted in seven of its hospitals, beginning with the King Edward Hospital in 2005, and used in conjunction with temperature control.

The Orca system is used in conjunction with the Temperature Control Regime.

The Trust has found the Orca system to be very simple to use. Their experience has been that any issues that have arisen have been dealt with promptly by ProEconomy, who have put additional resources in place to resolve complex or unique problems. Tim Evans, the company engineer assigned to the hospitals, has proven to be very conscientious, good at problem solving and prepared to come on site all hours of the day to reduce impact on clinical operations.

Highlights from article in Hospital Bulletin with Ben Gardiner, Estates Officer at University Bristol NHS Foundation Trust.

Why did you choose Copper and Silver ionisation?

- No chemicals were being used on site, so removing any COSHH issues;
- The Orca system is relatively maintenance free, allowing valuable staff time to be used elsewhere;
- The biocidal effect is long lasting, which is useful for providing protection in infrequently used outlets;
- Using some other supplementary disinfection systems resulted in excessive corrosion.

Have you found the Orca Copper and Silver ionisation system to be effective?

This mode of disinfection has proved very effective on this precinct in aiding and controlling waterborne pathogens.

Would University Hospitals Bristol recommend the Orca system to others?

Yes