



A large international pharmaceutical company upgraded the seven cooling towers in their HVAC system (26MW cooling capacity) with new stainless steel Cooling Towers.

The old cooling towers had become corroded beyond repair due to many years of Bromine use in the previous water treatment regimes.

In line with the companies' green ambitions installing a bespoke design VRTX system eliminated the use of harmful chemicals, reduced the costs associated with water, effluent and discharge, improved worker safety and lowered the system operating costs.

Using the towns water VRTX will save approximately 20,000 m³ annually compared to the previous chemical water treatment regime.

The bespoke VRTX Hydrodynamic cavitation system with automatic filtration and control exhibits excellent bacterial control with no signs of scaling or corrosion without the use of biocides and inhibitors saving the customer £26,000 per annum in chemical costs

The Environmental savings for the system are significant, 59 tonnes of greenhouse gases will not be discharged into our atmosphere and 10 tonnes of chemicals will not be used.

VRTX UK

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