



Having installed the latest cutting edge refrigeration plant (3.2 MW cooling capacity) a major UK supermarket group wanted to eliminate harmful chemicals, reduce water & effluent costs, improve worker safety & lower operation costs whilst benefiting the environment.

Following an exhaustive evaluation of the VRTX non chemical water treatment system a single VRTX Hydrodynamic Cavitation Unit was installed on two interlinked BAC Evaporative Condensers with amazing results. Cycles of concentration were increased from 2 to 4 saving £16,000 of annual operational costs, corrosion rates of 0.2mpy for galvanised were achieved and the system showed no signs of scaling.

The client has been so impressed with these results that a further 8 VRTX systems are being installed to an additional 5 of its regional Cold Distribution Centres.

Operational annual savings for the Group will be significant and the environment will benefit from the saving of 70,000 tonnes of water and 200MW of electricity.

Over 150 tonnes of greenhouse gases will not be discharged into our atmosphere and 20 tonnes of chemicals will not be used

**VRTX UK**

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