



Drive Down Your PUE using Ultrasonic Humidifiers

Significant energy savings and improvements to the PUE of a data centre can be achieved by adopting a "low energy" humidifier system. Humideco are the UK's leading specialists in data centre humidity and as a Stulz partner are able to offer alternative energy saving technologies, such as market leading ultrasonic humidifiers.

In today's data centres, where IT equipment operates at ever higher temperatures, it is especially important to recognise the significance of air humidity within the conditioned space. By maintaining a minimum level of relative humidity, the potentially damaging effects of ESD (electro static discharge) and the associated data loss within equipment can be eliminated. Most higher tier data centres therefore include some form of humidification system to improve their overall resilience.

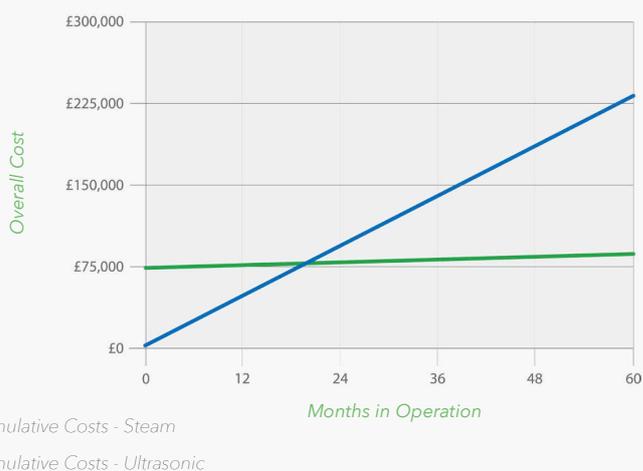
Traditionally, the control of relative humidity was often achieved with steam generating units, fitted either within CRAC / CRAH air conditioning units, or to ventilation systems that introduce fresh air to the data halls.

This is however a very inefficient use of energy, as well as being maintenance intensive. Steam is expensive to produce and simply adds to the heat load in an environment that is being cooled 24/7.

Our service begins with the analysis of a facility's existing humidification system, along with advice, recommendations and quotations for alternative lower energy systems, with an assessment of the ROI. We provide a comprehensive installation service, including all mechanical and electrical work, with full integration into the site's BMS.

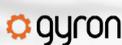


Three UK - A Fast ROI Achieved*



*Three UK achieved payback on the 2017 installation of our humidification system from energy cost savings within 20 months. (Trafford Park Facility)

Recent Customers Include:



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