

IS YOUR CLEANROOM PERFORMING TOO WELL FOR ITS CLASSIFICATION LEVEL?

HVAC systems for cleanrooms are designed, constructed & commissioned for 'worst case' scenarios. This creates a 'fit and forget' mindset around cleanroom performance, leading to **energy wastage**.

This wastage is commonplace, with a review of cleanroom costs in Europe indicating that energy consumption accounts for **65-75%** of the annual cost of running a cleanroom.



"A GROUND BREAKING, PATENTED SOLUTION FOR DELIVERING ENERGY EFFICIENCY AND COST REDUCTION"

ABOUT

The ICCS® is an innovative technology that allows for **adaptive, demand-based** control of the HVAC to a cleanroom. This dynamic technology can be inserted into an **already existing** HVAC system or as part of a **new build**.

A continuously monitoring particle counter is installed in the cleanroom and this particle concentration **data** is used to **adaptively control** the air flow rates to ensure compliance within the classification of the grade of cleanroom.

BENEFITS



Up to **67%** energy reduction compared with static systems.



Continuous monitoring of cleanroom performance assures product quality at **lower cost & environmental impact**.



Adaptive control of cleanroom HVAC has **huge potential** for energy reduction globally.



An overdue technological **leap forward** for cleanroom design & operation.

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