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iSERVE Project REHVA – Call to action on new Buildings HVAC system Energy Database

iSERVE Project REHVA – Call to action on new Buildings HVAC system Energy Database

Article by: Peter Dyment, Energy Consultant Camfil Farr

Heating Ventilating and Air Conditioning Systems consume a large part of the energy used in Buildings. Building owners and operators who chose to participate will benefit from the opportunity to compare the Heating Ventilating and Air Conditioning system energy performance of their building with other similar buildings in their own country and across Europe.



This comparison will enable benchmarking and identification of possible problem areas in the building and adoption of good practices in operation in other high performing buildings.

Camfil is supporting this project by advocating [AHU Energy Conservation Opportunities](#) through use of [Low Energy Air Filters](#).

The inspection and testing of energy consumption and particulate efficiency of Air Handling Unit air filters, coupled with coil and duct cleaning is an effective ECO strategy.



Testing of pressure drops across coils and filters along with particulate efficiency of filters

This extract from the latest REHVA newsletter gives further contact information:

iSERV

This project aim to collect sub-hourly HVAC system energy use data from around 1600 HVAC systems in the EU Member States and analyse this information.

iSERV achieved its first major milestone in November 2011 with the release of the first version of the data entry spreadsheet for describing an HVAC system and its relationship to the activities and spaces it serves. The iSERV automatic monitoring and feedback system will start accepting data from HVAC systems in early 2012. It is intended that all actors with an interest in the energy efficient operation of HVAC systems will start seeing useful information on what helps achieve energy efficiency in practice by the Summer of 2012, and that iSERV will be seen to be helping HVAC systems achieve the 35 - 40% energy savings that HARMONAC Project found were likely to be available.

You can find more on the project in the first iSERV Newsletter showing progress and opportunities for participants available on iSERV website.

REHVA is playing an active role to get participants enrolment in this project and disseminate the results of the study. Should you be interested in a direct participation, please do contact the project via the iSERV website <http://www.iservcmb.info/> – or contact the project Coordinator, Dr Ian Knight, at knight@cf.ac.uk. Also information on REHVA website at: <http://www.rehva.eu/en/426.iserv>

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