

Momentous order for Fläkt Woods' energy efficient ECONET® system



A landmark order for Fläkt Woods' energy efficient ECONET system from the Technopolis Group of Finland means Fläkt Woods has now sold over 1000 of their ECONET systems worldwide. It is an amazing achievement since the introduction of the system in year 2000.



■ FACTS

Customer:
Technopolis Group, Finland

Need:
Energy efficient ventilation solution that can meet any air handling requirement.

Solution:
Fläkt Woods' EU air handling units with Econet® that integrates energy recovery, heating and cooling.



Econet has set a new global standard on energy efficiency

Technopolis is Finland's largest company specialising in providing unrivalled operating environments for high tech companies. The science park at Oulu is a unique cluster of some two hundred companies working closely together. For Technopolis to invest in ECONET is another vote of confidence in a system that has set new global standards on energy efficiency, leading the HVAC market and winning awards for innovation and effectiveness.



The ECONET system installed at Technopolis by contractors Putkijohdoliike Pelkonen & Viitala Oy is a system tailor made for Fläkt Woods' modular air handling units. Within the system all energy functions, such as heat recovery, heating and cooling are integrated into one common circuit. By doing this, fewer components are required such as heating/cooling coils, pumps, valves, piping, insulation etc. The result is a shorter and more compact air-handling unit.

The major advantage of ECONET is its ability to cost effectively utilise both heating and cooling water when treating air. Additionally, the heat recovery efficiency is improved by approximately 15% compared to traditional run around coils.

Commenting on its success, Peter Sundelin, Product Manager ECONET said, "Our operations are based on strong technical know-how, an innovative and high-quality product and definite reliability, which are properties that guarantee satisfied customers."

Many HVAC designers have come to appreciate the environmental and economic advantages of the ECONET system. One such expert is Lauri Hautajärvi from Pöyry Building Services Oy; one of Finland's leading and most experienced engineering companies.

Remarking on Econet, Lauri said, "Our expertise is particularly prominent in commercial and office buildings and in public and industrial building projects. The whole life cycle of the project and its environmental impacts are systematically analysed and developed to ensure optimal profitability, and that is why the ECONET system so appeals to us. The system is well suited to almost any type of building."



Fläkt Woods Oy

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Due to a policy of continuous development and improvement the right is reserved to supply products which may differ from those illustrated and described in this publication. Certified dimensions will be supplied on request on receipt of order.

The EU range

The EU range offers all needed functionality and high degree of flexibility. The sturdy frame members and corner pieces form a very stable framework which is well suited to the full range of sizes.

Fläkt Woods Group

Fläkt Woods is a global company providing solutions for ventilation and air treatment for buildings as well as fan solutions for Industry and Infrastructure applications.

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