

AIR COMFORT

AIR TREATMENT

ENERGY RECOVERY



eCO PREMIUM™

>> COMPACT ENERGY RECOVERY UNIT WITH ENHANCED COMFORT, VERSATILE CONTROLS AND CLASS LEADING ENERGY SAVINGS

eCO PREMIUM™ KEY BENEFITS

- eCO PREMIUM™ is a perfect solution for relatively small spaces, for example classrooms and offices
- Energy efficient components and over 85% heat recovery (EN308)
- Extremely low noise, less than 24 dBA
- Compact L2-classed casing as standard, with all connections on the sides
- Integrated Fläkt Woods CURO® control with inbuilt Modbus/RS485 communication interface (or TCP/IP as an option)



eCO PREMIUM™ by Fläkt Woods – the energy recovery unit Proof that great things come in small packages

Our new eCO PREMIUM™ is compact, but packed full of features. When investing in a new ventilation unit with heat recovery today, you could – and should – go for the highest standards. Clean, fresh air. High efficiency and low noise. Elaborate electronic control. Minimised maintenance. And, most importantly, extremely high energy performance.

We have managed to pack all these features in a compact casing, so our new eCO PREMIUM™ has a size that will fit even the tightest spaces - perfect for false ceiling installations - and economical, with a solution to fit all budgets.

Suitable for a wide range of applications

The eCO PREMIUM™ energy recovery unit is designed to provide perfect comfort and the highest energy efficiency for a wide range of applications. It fits equally well to the demands in for instance a classroom, a gym, offices, shops, hotels or apartments. To fit different demands it is available in 6 different sizes or air flow capacities, from 0,2–0,9 m³/s. You can choose to equip the eCO PREMIUM™ with post heater with hot water or electric and you can choose electric pre-heater to suit your need even better.

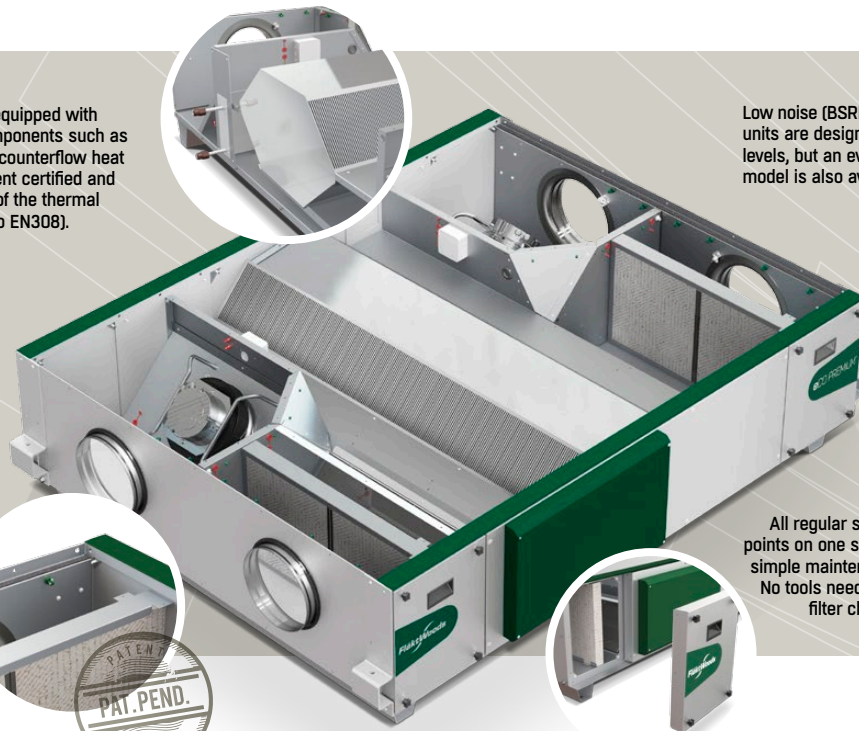
FläktWoods

eCO PREMIUM™ is equipped with energy efficient components such as EC-motor fans. The counterflow heat exchanger is Eurovent certified and recovers over 85% of the thermal energy (according to EN308).

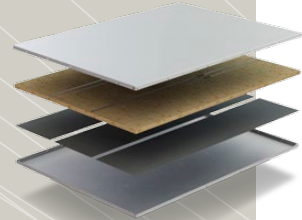


ERP 2016 & 2018 COMPLIANT

Compact full-featured casing and air tightness L2 leakage compliant.



Low noise (BSRIA tested), all eCO PREMIUM™ units are designed for minimised noise levels, but an even more quiet acoustic model is also available for sizes 1–4.



High air quality, choose between G4/G4- or M5/F7-class delivery options.

All regular service points on one side for simple maintenance. No tools needed for filter change.

eCO PREMIUM™ is built not only of top class components, but also on 100 years of ventilation expertise. Through our history we have been asked to deliver air into a wide range of applications, from hotels, industrial facilities, large offices, hospital and educational buildings. We have used all this collective experience and our best engineers to develop the eCO PREMIUM™. Every detail has been carefully considered in the design and construction of our

eCO PREMIUM™ in order to achieve its overall performance. Using the finest components and a meticulous design process contribute to it's class leading features. We looked at the whole system and refined how all components interact together. Finally, energy efficiency, versatility, controllability, air quality and high comfort levels were all important considerations in the design process.

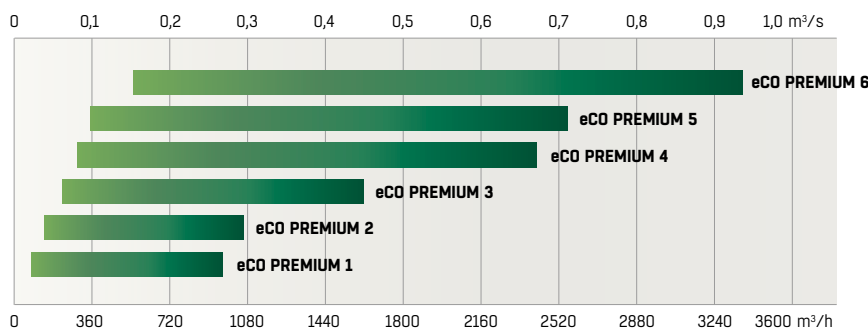
QUICK AND EASY SELECTION

Our range of selection tools is amongst the most comprehensive of its kind in the world. They are both powerful and easy to use, to ensure that you can always find the optimum and most energy efficient product for your application.



» Get access to all our selection tools at www.flaktwoods.com

Available in 6 sizes



eCO PREMIUM™ is available in 6 sizes providing from 0,2–0,9 m³/s of air flow. A range appropriate for a wide range of applications and building sizes.

eCO PREMIUM™ is available in six sizes and three version, where the efficient heat recovery unit is common to all models. It can also be ordered with post heater (water or electric) or with post and pre-heater for temperatures between -5 and -15 C°. All models are equipped with CURD® Touch control, fully automatic Thermo Ice™ defrosting and can also be used for cooling with external coils (optional equipment).



Based on our e³ solutions, we provide innovative and sustainable products to help you achieve or surpass your environmental targets whilst optimising your investment and Life Cycle Cost.