

 AIR COMFORT

AIR TREATMENT

eCO TOP[®]

» A RANGE OF COMPACT ENERGY RECOVERY
UNITS WITH TOP CONNECTED DUCTS



Energy, Economy and Expertise with Fläkt Woods

Energy optimization is an important aspect of creating a healthy and cost-effective indoor climate, and an area in which Fläkt Woods have acclaimed expertise. We use the symbol e³ to highlight products and solutions that are particularly effective. They serve a dual purpose of saving both your long-term economy and our environment.

>> flaktwoods.com/energy



eCO TOP® – A SLEEK AND FLEXIBLE DESIGN WITH LOW RUNNING COSTS

In modern buildings the ventilation is managed by air handling units. They offer fresh air at a comfortable temperature, while keeping energy costs for heating and cooling at a minimum through best possible energy recovery.

The eCO Top series features top connected ducts and is available in three sizes for air flows up to 0,8 m³/s. Together with other top connected models in the eQ range, Fläkt Woods offers a complete family of top connected AHU's that cover the full air flow range up to 1,3 m³/s.

eCO Top has been designed to suit installations in light commercial buildings like offices, schools and restaurants. With such installations in mind our engineers have focused on three main criteria during development of the product – to make the unit flexible for installations and retrofits in public rooms and tight spaces; to make commissioning as easy as possible for the installers; and to lower running energy costs in the property through optimised energy efficiency.

KEY BENEFITS

- Top connected ducts, pipes and cables
- Three eCO Top sizes for air flows up to 0,8 m³/s.
- Full air flow range up to 1,3 m³/s is covered together with top connected models in the eQ range
- Rotary heat exchanger with up to 85% energy recovery
- State of the art energy performance, fulfilling Eco Design
- For use in light commercial buildings like offices, schools and restaurants



THE DETAILS OF A TOP PERFORMER

FLEXIBLE LOCATION

Top connections give eCO Top a small footprint which ensures optimum use of the floor space. Thanks to a white-painted exterior and low noise levels the unit can be placed in a variety of public and semi-public locations.

ENERGY EFFICIENCY

The design of the unit and component choice are focused on minimising the energy consumption and saving operating costs during the full life cycle.

EASY TO INSTALL AND COMMISSION

Easy access to the connections and setup of all parameters via Curo Touch, through a specifically developed commissioning wizard, means that eCO Top is simple to install, which saves both time and money.



The user friendly Curo Touch control unit with commissioning wizard saves time and money at installation. Connection to Modbus or integrated web server.

As an option eCO Top can be delivered with water coil or electrical heater.



50 mm casing with mineral wool insulation minimises noise.

For even lower levels, optional integrated silencers are available.





Installation of all ducts, pipes and cables are easily performed from the top for easy access and a minimised footprint. Thanks to the compact dimensions eCO Top fits through a 900 mm opening.

The external design, with a white painted finish, is well suited for installation in public areas. Optional top and bottom cover plates for hiding of ducts are also available.

To ensure the best possible energy efficiency, eCO Top comes equipped with plenum fans with EC-motors and bag filters, for low pressure drop.

Controller is pre-configured at delivery. Options for CO₂, flow- or pressure control.

Regoterm rotary heat exchanger with 270 mm length for best ratio between heat recovery and pressure drop. Options for 80% or 85% heat recovery.

All service points are easily accessed through the two wide front doors.



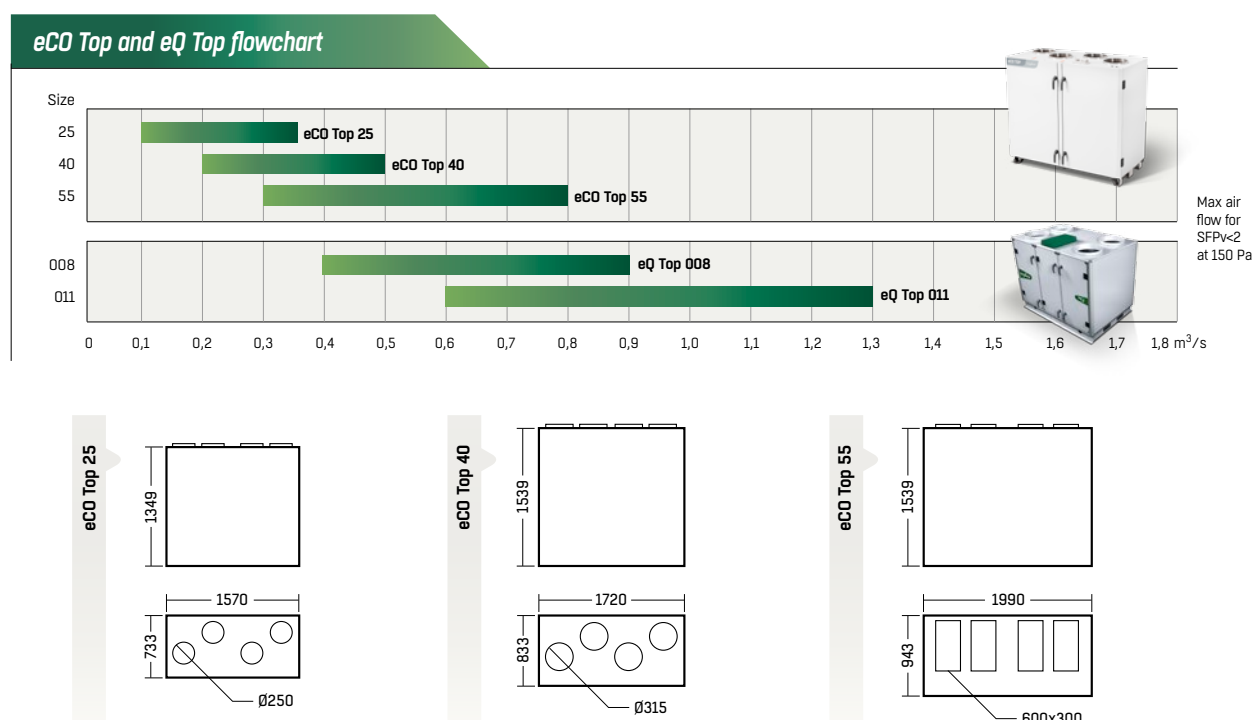
Choose the right eCO TOP[®] quick and easy with Acon

Easy-to-use and powerful selection. ACON[®] is a powerful and easy product selection tool for air handling units. It is the best and most advanced of its kind on the web. It offers rapid product selection to specific project requirements and provides you with all the technical information. Functionality includes product dimensions, performance, noise and efficiency data, Life Cycle Cost, product documentation and export of dxf and dwg files.

>> acon.flaktwoods.com

A top connected range covering 0,1 to 1,3 m³/s

In addition to the eCO Top, for top connected application we also offer eQ Top, which is a part of the eQ family. Together they cover air flows of 0,1 – 1,3 m³/s and are suitable for a wide range of applications.





The benefits of eCO TOP[®] – from design to installed unit



END USER/BUILDING OWNER

- **Compact:** Top connection of all ducts, pipes and cables minimises the footprint
- **External design:** White painted finish for location in public areas; cover plates for hiding of ducts
- **Low sound:** 50 mm casing with mineral wool insulation minimise noise; optional integrated silencers
- Several features save energy and operating costs: EC-motors, bag filters, high efficiency heat exchanger
- Complete controls package for optimized energy performance and comfort



CONSULTANT

- High heat recovery and low SFPv make it easy to fulfill regulations
- Customized performance values easily calculated in ACON
- Eco Design compliant



CONTRACTOR

- Easy installation with top connections and wide front doors
- Passes through a 900 mm opening
- Controller pre-configured at delivery
- Commissioning via touch screen interface CURO, commissioning wizard for adjustment of operating parameters

WE BRING BETTER AIR™ TO LIFE

With over a century of innovation and expertise to share with our customers, Fläkt Woods is a global leader in Air Technology products and solutions. We specialize in the design and manufacturing of a wide range of products and solutions for Air Movement, Air Treatment, Air Distribution, Air Management and Air Diffusion with focus on two major benefits – **Air Comfort** and **Fire Safety**. With market presence in 65 countries we are in a unique position to be a local supplier and an international partner in our customer's projects.

Our product brands such as SEMCO®, eQ®, eQ Prime®, JM Aerofoil®, Econet®, Veloduct®, Optivent®, Optimix®, Econovent® and Cleanvent® are well-known and trusted by customers all over the world to deliver high quality and energy efficient solutions.

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