

## *Modular air handling units meet the precise requirements at Stadtgalerie Heilbronn*



Fläkt Woods has supplied modular air handling units at the massive new Stadtgalerie Heilbronn shopping mall in the German city of Heilbronn. Stadtgalerie Heilbronn has approximately 13,000m<sup>2</sup> of retail space, on three shopping levels containing 70 shops. Fläkt Woods has supplied and fitted the centre's entire air handling requirements.

### ■ FACTS

**Customer:**

Stadtgalerie Heilbronn , Germany

**Need:**

Ventilation solution that is optimised for acoustic and energy efficiency requirements.

**Solution:**

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



# “Designed for customers with focus on quality and efficiency”

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In total 14 supply and exhaust EU air handling units, equipped with Econet have been installed. These modular air-handling units are highly specified, and designed for customers with a focus on quality and energy efficiency.

Each unit has been optimised for acoustic and/or efficiency requirements. And with ECONET inside, all energy functions, such as heat recovery, heating and cooling are integrated into one common circuit, making it probably the most flexible and energy efficient solution on the market today.

Computer-aided selection using a program based on a series of highly complex algorithms allowed Fläkt Woods to optimize selection and ensure that the units offered conforms to the customer's exacting requirements.

The EU range offers all needed functionality and a 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.

Additionally, Fläkt Woods has supplied the cooling equipment, delivering 11 outdoor air-cooled condensers with axial fans as well as 900 swirl diffusers.

Commenting on the project, Dieter Klee, Product Manager Fläkt Woods GmbH said: “The customer has been involved from the outset, providing us with input concerning their needs and from this we were able to advise on the optimum solution for their requirements.”

*Architect:*

Blocher, Blocher & Partners

*Contractor:*

ARGE Ed. Züblin AG / Imtech Deutschland GmbH & Co. KG



## The EU range

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## 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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