

Supplying air handling requirements for IKEA in Norway



Fläkt Woods is providing the air handling requirements for the new IKEA store in Kristiansand, south Norway, supplying the store with 13 large EU air handling units, working on behalf of the GK Group.

■ FACTS

Customer:

IKEA in Norway

Need:

Heating, integrated cooling and integrated controls with connection to a BMS system for the new 35,000 m² store

Solution:

Fläkt Woods' EU air handling units with high efficiency fans and run-around coil recovery systems



Fläkt Woods provided functionality and a high degree of flexibility

Fläkt Woods is providing the air handling requirements for the new IKEA store in Kristiansand, south Norway, supplying the store with 13 large EU air handling units, working on behalf of the GK Group.

Engineers from Fläkt Woods suggested a specific range of the company's EU products, varying in size from 41 through to 62.

This included the EU air handlers with high efficiency fans equipped with airflow measurement devices. The 13 supply and exhaust EU units feature run-around coil recovery systems, heating, integrated local cooling and integrated local controls with connection to a BMS system for the new 35.000 m² store.

The EU range provides all needed functionality and a high degree of flexibility. HVAC for new large retail centres is a complex mixture of requirements. A critical factor in specific areas is comfort cooling, with as little air movement as possible, a high degree of energy efficiency and low draught displacement.

Assisting companies in the retail sector requires a specialist approach from the service provider, as a malfunction of a centre's building services could prove to be very costly for the retailer, so it is important that the products provided meet the precise requirements of the customer.



GK is one of Scandinavia's leading indoor air quality groups, providing indoor air quality solutions for new and existing buildings in Norway, Sweden and Denmark.

The Company won the contract to supply the building services on this IKEA store which is located very close to Sorlandsparken, located next to a horse racing track.



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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