

Energy efficient and cost effective air handling for Wembley Stadium in London



Fläkt Woods was awarded the contract to supply the ventilation solutions on the new Wembley stadium.

The contract included the supply of a variety of AHU's from the EU range, as well as Axial fans from the JM range, fan coil units and duct mounted attenuators.

■ FACTS

Customer:
Wembley Stadium

Need:
An energy efficient and cost effective solution for air handling to feed suites, executive boxes and general areas.

Solution:
Fläkt Woods EU Range and JM Axial Fans.



Efficient ventilation solutions provided at Wembley

Fläkt Woods was awarded the contract to supply the ventilation solutions on the new Wembley stadium.

The contract included the supply of a variety of AHU's from the EU range, as well as Axial fans from the JM range, varying in sizes from 350mm to 1600mm and fan coil units and duct mounted attenuators.

The EU's modular design gives complete flexibility, with a wide range of functions and options. Wembley's units feature airflow rates of up to 4 m³/s, and come supplied with panel & bag filters, gas burners as well as Fläkt Woods' EU cooler packages.

Complete and fully operational

The cooler is a complete, fully operational cooling unit for air handling units, no requirement for external condensing units and refrigerant pipework. The cooling efficiency is extremely high with COP's of 5, and complete with controls and a system that will ensure satisfactory operation of the cooling unit even at extremely high outdoor temperatures.

Wembley

The new stadium will cover twice the area of the old, and stand at nearly four times the height. The scale and futuristic design of the new stadium meant that there was no room for the towers, which would have stood beside the pitch had they not been demolished.



Quality and reliability

Commenting on the contract, Linden Shuttleworth, Segment Manager for Fläkt Woods said:

"It's testament to the quality and the reliability of the EU units that they have been selected on this prestigious project. The cooling units have been designed to fully integrate with the EU and provide a very efficient, cost effective package for air handling options".



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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