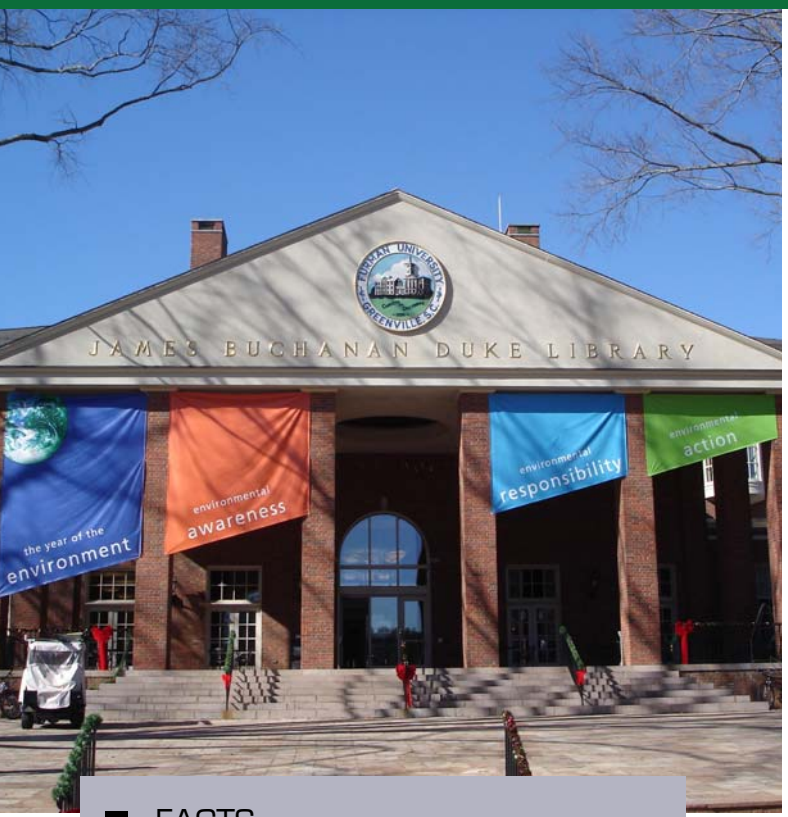
PROJECT REFERENCE

Energy optimised indoor air quality installation at Furman University, USA



Fläkt Woods has been awarded a substantial contract to supply good indoor air quality at Furman University. Fläkt Woods will deliver a complete and quality packed chilled beam system that offers various solutions for cooling and heating combined with highly energy efficient ventilation.

FACTS

Customer:
Furman University in South Carolina, USA

Need:
Energy efficient solution for cooling, heating and lighting.

Solution:
A complete and quality packed IQFC Multi Service chilled beam system with integrated lighting

FläktWoods

Chilled beams will greatly improve the energy performance

Fläkt Woods has been awarded a substantial contract to supply good indoor air quality at Furman University.

Fläkt Woods will deliver a complete and quality packed chilled beam system that offers various solutions for cooling and heating combined with highly energy efficient ventilation.

The chilled beams are top of the range, and include lighting and Comfort Control as well as Flow Pattern Control.

In systems with chilled beams, the indoor air is cooled by means of cold water, and the supply airflow rate is dimensioned in a way that fulfils the requirements of good air quality. By using Chilled Beams up to 75 % of the total cooling capacity will be handled by the water, which means improved energy efficiency, less ductwork for air, smaller air handling units and lower noise levels.

In total, the contract comprises 1,600 chilled beams. 1,050 of them are Multi Service chilled beams with lighting. All Multi Service chilled beams will be installed in renovated premises, and the standard chilled beams will be applied in new buildings. The total order value is over 1 Million USD.

Deliveries of standard chilled beams will start in May 2007, and all Multi Service chilled beams will be delivered from March 2007 to June 2008, when the university renovations will be completed.

Jeff Redderson, Director of Facility Services, Furman University:
"Furman is excited to be utilizing chilled beam technology in our new and renovated Townes Science Building. Chilled beams will greatly improve the energy performance of our building. Chilled beams and the other sustainable systems incorporated in the design matches perfectly with our sustainability goals for the university".

Mike O'Loughlin, VP Air Climate at Fläkt Woods Group Americas:
"This project will significantly reduce the University's energy costs. These funds can then be diverted to improving the education of the students".

Micael Hafström, Project Manager at Fläkt Woods:
"I am very happy that we received this breakthrough project in USA. We have worked hard together with the consultant Ballinger and Furman University to find the best solution for their specific needs".

Chilled Beams
Chilled beams offer various solutions for cooling and heating combined with high efficient ventilation.

Choose between Induction Supply Air or passive beams in various shapes and dimensions.

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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