

## *Fläkt Woods saves Costco energy*



Energy savings are set to save Costco Stores between 50% - 70% by using the new Dedham® Twin iFan system from Fläkt Woods.



### ■ FACTS

**Customer:**  
Costco Stores

**Need:**  
Energy efficient ventilation system.

**Solution:**  
The new Dedham® Twin iFan system from Fläkt Woods.



# Fläkt Woods contribute to Costco's energy savings

Energy savings are set to save Costco Stores between 50% - 70% by using the new Dedham® Twin iFan system from Fläkt Woods.

"This will provide Costco a return in investment via the Government's Enhanced Capital Allowances (ECAs) 1, and offers major contributions to Costco's energy saving objectives, supporting the Government's programme to manage climate change." says Mark Cox, a partner in Faarup Associates, consultant engineers for Costco for the past 5 years.

## A good eye for Fläkt Woods

Faarup has been tasked with saving more energy via ventilation systems for all future Costco stores. In order to do this Faarup looked at several options, including ideas from Fläkt Woods, the manufacturers who provided the extract systems for previous UK stores including Watford, Birmingham, Glasgow, Chester, Sheffield and Milton Keynes.

Faarup followed the current environment policy in trying to reduce greenhouse gas emissions at the Costco distribution centres.

"Fläkt Woods' units have always provided both durability and ease of maintenance in other Costco stores, so I tasked the Company with finding an energy saving solution for the other stores", says Cox.



## Convincing energy savings

A solution was found and Fläkt Woods undertook a trial installation of the Dedham® Twin IFAN at the Watford site to see what energy savings could be obtained.

The areas focused on were customer café, hot chicken rotisserie and the bakery.

"The results of the trial demonstrate savings of over 50% in the energy required to run the extract fans and offer a payback via ECA to Costco in under two years! Designs for the Cardiff store are underway, where we will use the new Fläkt Woods system again", continues Cox.

## Dedham® Twin iFan

When fitted with Fläkt Woods' Intelligent Control Unit, iFan is the perfect solution for modern buildings where restricted space requires compact fans offering lower noise levels and an energy efficient system

## 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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