

## *Energy Efficient EU Units Used in New Broadcasting Studio in Korea*



The highly audience rated public broadcaster in Korea, MBC, has chosen Fläkt Woods as the AHU provider for the new campus for HQ & studios, which will be operated from year 2013, thanks to high & reliable performance of Fläkt Woods products and services.



### ■ FACTS

**Customer:**

MBC (Munhwa Broadcasting Corporation), public broadcaster in Korea.

**Need:**

Low-noise Air Handling Units with high efficient heat recovery system to be assembled on site.

**Solution:**

98 customized EU Air Handling Units with energy efficient Rotary Heat Exchangers.



# Modular air handling units give total flexibility with a wide range of functions

According to the urban development plan from Seoul Metropolitan Government, a part of the north-west area neighboring Han River is being arranged with the name of DMC, which means Digital Media City. DMC will spread over an area of 570,000 sq. meters on the previous landfill region.

At the moment, around 20,000 people are working in DMC for companies in the broadcasting industry, IT research and development and cultural contents, including well-known broadcasters like MBC, SBS, YTN and Dong-A.

Since its inception in year 1961, the HQ & main studios of MBC (Munhwa Broadcasting Corporation), a public broadcaster and a multimedia group whose shareholders are two public organizations, have been located in the Yeouido area. The group has 9 subsidiaries and 19 regional studios spread over the country. As the DMC project is becoming realized, MBC decided to move its HQ and main studios to the new campus buildings in DMC.

As DMC is called an “environmentally-friendly, high-tech IT-oriented city”, each tenant had to put the emphasis on the energy efficient system in its buildings and MBC also tried to find the optimal provider to meet DMC’s requirement as well as the broadcaster’s requirement (especially low noise levels) at the same time.

When MBC issued the bid to the contractors, Fläkt Woods had already cooperated with Hyundai Development



Company, which is one of Fläkt Woods Korea’s major customers, referring to another project reference (SBS, another broadcaster) located in DMC. Based on the long term relationship with Hyundai, Fläkt Woods Korea proposed the technical benefits of EU AHU’s and Rotary Heat Exchangers against other competitors and quoted the price to Hyundai. Accordingly, Hyundai submitted its bidding documents based on Fläkt Woods’ proposal and the Company was awarded the contract.

Working with Hyundai, Fläkt Woods Korea secured the order to supply 98 Air Handling Units to provide an exact solution, based on the competitive product and outstanding technical know-how. EU Air Handling Units with Rotary Heat Exchangers are designed to achieve maximum performance whilst providing top-levels of energy efficiency according to the customer’s requirement.

The delivery will be effected from March 2012 to June 2012 on knock-down basis and most units will be assembled at the job site following the construction schedule.

## The EU range

The energy efficient 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.

## Contact information

Ho-Yong Jeong  
Sales & Marketing  
Senior Director  
Fläkt Woods Korea  
Tel: +82-2-6430-0037  
Fax: +82-2-555-9424  
[www.flaktwoods.com](http://www.flaktwoods.com)

## Fläkt Woods Korea

WonbangBldg. 15th Fl., Samsung-dong  
Gangnam-gu, Seoul, Korea, 135-721K

t +82-2-6430-0040 f +82-2-555-9424

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The logo for Fläkt Woods, featuring the company name in a bold, green, sans-serif font. A stylized green leaf or swoosh graphic is positioned behind the 't' in 'Fläkt' and extends under the 'Woods'.