

## CAIROX saves energy with a new heat recovery unit

*Zaventem, 20 November 2018* – International HVAC (*Heating, Ventilation and Air Conditioning*) expert, SIG Air Handling, expands its product range with CAIROX Ukunda, a *decentralised Heat Recovery Unit* (HRU). This qualified CAIROX product meets the high demands of both consumers and installers for quick and easy heat recovery, as well as achieving energy savings. Ideal for schools, offices and industrial spaces where CAIROX Ukunda can also be part of an energy-saving and air-purifying solution.

CAIROX – a contraction of *Care, Air and Oxygen* – is SIG Air Handling's own-label system for air improvement, dissemination and movement. With CAIROX Ukunda HRU, the company is investing in **optimal indoor air quality, linked to energy savings**. This innovatively designed heat recovery device is installed on the ceiling where it recovers the heat from 'used' indoor air and then uses it to heat incoming air. In addition, the Ukunda is equipped with a standard *Passive InfraRed* (PIR) and CO2 sensor that adjusts its ventilation level automatically to the number of people in the room and their activities. As a result, this smart technology continuously guarantees the best indoor climate, which also translates into minimal energy consumption.

The Heat Recovery Units distinguish themselves thanks to their **fast, simple and user-friendly installation, maintenance and operation**. They are available in three different sizes (40-70-120) with a flow rate up to 1,200 m<sup>3</sup>/hr. In addition, they offer many functionalities such as a handy touchscreen control, a simple plug & play system for accessories, and an intelligent internet connection. All units also meet the strictest level (level 1) of the *Dust Quantity Rating* (DQR), a company-specific hygiene label based on ISO standards. A decentralised heat recovery unit can also **be part of an efficient total solution that combines various disciplines into a healthy indoor climate**: energy, air, temperature, light and sound. In its *Healthy Learning brochure*, SIG Air Handling presents ready-to-use total solutions to provide efficient and economical ventilation and climate control in schools to ensure more oxygen and less pollution circulates in classrooms and other spaces, which will result in the *Indoor Air Quality* (IAQ) being at its best possible level.

CAIROX was also in the spotlight this month at the Golden European League as the **sponsor of the Belgian men's volleyball team, the 'Red Dragons'**. Besides sport, SIG Air Handling also supports social associations with similar values, such as EFA, the European federation of patients suffering from lung diseases or allergies.

### About SIG Air Handling

SIG Air Handling is a leading supplier of products and systems for Heating, Ventilation and Air Conditioning (HVAC). The company is active in 12 countries in Europe and has 100 distribution outlets. SIG Air Handling offers its customers optimum service in the field of distribution. Furthermore,

the group continues to focus on the provision of consultation and project solutions for ventilation in the construction industry. The company stands for the highest product quality, excellent logistics, technical expertise and a customer-oriented, problem-solving approach. SIG Air Handling has a pan-European team based in Zaventem. Annual turnover is approximately €265 million, and the company employs about a thousand people.

### **About SIG plc**

SIG plc, or Sheffield Insulation Group, founded in 1957, is the European leader in specialised solutions for the construction industry. The Group has a strong position in four main product areas: Exteriors, Interiors, Insulation and Air Handling. SIG plc markets and distributes its products and services from 700 distribution outlets spread over 15 countries in Europe and the Middle East. SIG plc is a FTSE 250 company listed on the London stock exchange. Annual turnover is €2.9 billion, and the company employs about 10,000 people.

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## **PRESS CONTACT**

### **ARK BBN**

Julie Post  
Project Manager  
T +32 3 780 96 96  
[julie@arkbbn.be](mailto:julie@arkbbn.be)  
[www.arkbbn.be](http://www.arkbbn.be)

### **SIG Air Handling International**

Bert Van Buggenhout  
Marketing Manager  
T +32 2 828 01 36  
[bert.vanbuggenhout@sigairhandling.com](mailto:bert.vanbuggenhout@sigairhandling.com)  
[www.sigairhandling.com](http://www.sigairhandling.com)