

## GEA Flex-Geko fan coil unit for low-energy applications

Herne, Germany, 18 April 2012 – GEA has recently also made its proven and versatile ‘GEA Flex-Geko’ fan coil units available with heat-exchangers especially designed for low heating-media temperatures or for high coolant temperatures and low mass-flow levels. The units, available for 2- and 4-pipe operation, can accordingly move heat efficiently into rooms as provided by energy-saving low-temperature heating units or heat pumps. The EC motors installed as standard in this fan coil units offer additional savings potential. Their electronic commutation allows infinitely variable adaptation of the fan output by adjustment of the alternating magnetic field to match the fan speed. This allows the EC motors to achieve a level of efficiency around twice that of AC motors. For economic partial-load operation without loss of comfort, the optional GEA Drive air-outlet profile, motor-controlled, furthermore assures optimal outlet-air speed. GEA Drive enhances air flushing of a room, especially at low fan speeds, and prevents air short-circuit. Thanks to the various efficiency features incorporated into the fan coil units, they operate with proven savings of resources. Eurovent classification, for example, verifies this benefit. In classification into Eurovent energy-efficiency classes, a critical criterion is the consumption by a fan coil unit under highly realistic conditions: here, under maximum, medium, and low fan speeds. In this classification, the most frequently used low-load level is incorporated into the assessment to the extent of approx. two-thirds, the medium level around one fourth, and the full-load level at 5 %. Only units that prove to be highly efficient in partial-load cases are granted the best energy efficiency grade: Class A. GEA Flex-Geko has attained Class A.



The fan coil unit ‘GEA Flex-Geko’ – now also available with heat exchangers for low-temperature applications.

## **Press Relations**

GEA Heat Exchangers GmbH

Gaby Fildhaut

Dorstener Strasse 484 – 44809 Bochum, Germany

Phone: +49 (0)234 980 2585

[gaby.fildhaut@gea.com](mailto:gaby.fildhaut@gea.com)

[www.gea-heatexchangers.com](http://www.gea-heatexchangers.com)

Press'n'Relations II GmbH

Ralf Dunker

Guntherstrasse 19 – 80639 Munich, Germany

Phone: +49 (0)89 17 999 275

[du@press-n-relations.de](mailto:du@press-n-relations.de)

[www.press-n-relations.de](http://www.press-n-relations.de)

In case of publication, please submit two copies of each of the published items to us for our archives

## **About GEA Group**

GEA Group Aktiengesellschaft is one of the largest suppliers of process technology and components for the food and energy industries. As an international technology group, the company focuses on sophisticated production processes. In 2011, GEA generated consolidated revenues in excess of EUR 5.4 billion, 70 percent of which came from the food and energy sectors, which are long-term growth industries. The group employed about 23,000 people worldwide as of December 31, 2011. GEA Group is a market and technology leader in its business areas. It is listed on Germany's MDAX stock index (G1A, WKN 660 200). Please find further information on [www.geagroup.com](http://www.geagroup.com).

If you do not want to receive any further information from GEA Heat Exchangers, please send us an e-mail to [gaby.fildhaut@gea.com](mailto:gaby.fildhaut@gea.com) or call us at (Tel.: +49-234-980-2585).