

# Press Release

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## Güntner: New product series offering compact variety

Since the beginning of May, the new Güntner condensers, gas coolers and dry coolers FLAT Compact and VERTICAL Compact have been available.



The complete revision of the successful product series generated new Compact units for a wide range of refrigeration and air-conditioning applications. These new units perform very well in every application, be it – depending on individual requirements – as condenser, gas cooler or dry cooler, in horizontal or vertical design and with finoox or microox technology.

### Optimised for different refrigerants – optimal for Commercial Refrigeration

Offering a capacity range from 4 – 400 kW, a compact design and heat exchangers adapted for different refrigerants, the new product series are perfectly suited for the numerous applications in Commercial Refrigeration. The GCHC (horizontal design) and the GCVC (vertical design) condensers are available for all common and new synthetic refrigerants as well as propane. The CO<sub>2</sub> gas coolers named GGHC and GGVC have a maximum operating pressure of 120 bar and are thus ideally suited for subcritical as well as transcritical plant designs. The GFHC and GFVC dry coolers complete the product family for all applications with regard to indirect cooling.

### Future-oriented technology

On a technical level, the units were optimised in an impressive manner to be operated with the respective fluids: The core tube diameters and materials, in combination with the fin geometries, provide the optimum of maximum capacity and minimum tube volume. The new condensers can thus notably contribute to reducing the refrigerant charge of a plant and its GWP. A lower charge can additionally contribute to minimising the number of required leak tightness tests according to the F-Gas Regulation.

### Precise configuration

The selection of a unit tailored to the requirements of the plant remains easy and is performed quickly and safely via GPC (Güntner Product Configurator). The dynamic configuration of the available heat exchanger technologies (finoox or microox) in all their variants (tube materials, tube diameters, fin geometries, and so on) in conjunction with a wide choice of different fans will result in a customised unit being quickly available at a convincing cost-benefit ratio.



### Numerous advantages

In addition to the "inner values", the new FLAT Compact and VERTICAL Compact units have further advantages:

Also the casings were revised and optimised for transport and storage. The reduced unit weight allows for stacking up to three units one on top of the other. Smaller units can easily be transported using forklifts. The bigger models have suspension lugs for crane transport as a standard feature.

The high-efficiency and, of course, ErP-compliant fans are available with AC and EC technology and, together with the casing, form a fan unit that provides optimised ventilation and sound. The EC fans can be controlled externally via a 0 – 10V signal. For a very easy installation and a quick startup of the units, the tried and tested Güntner Motor Management with a control concept particularly designed for the units is an available accessory for both AC and EC technology.

### Certified capacity

Voluntarily participating in the Eurovent "Certify All" programme, Güntner commits itself to have the entire product series tested and certified independently. This results in approved and thus reliable technical data which, in turn, protects your investment and ensures planning security and operational reliability with regard to the complete system's capacity and energy efficiency.

For an overview of all the features of the new FLAT Compact and VERTICAL Compact units, feel free to visit our website: [www.guentner.com](http://www.guentner.com).

### About Güntner

Based in Fürstfeldbruck near Munich, Germany, Güntner GmbH & Co. KG is a world leader in the manufacture of refrigeration and air conditioning equipment components. With 3,000 employees worldwide and production sites in Germany, Hungary, Indonesia, Mexico, Brazil and Russia, the company shows a strong presence for their partners in all markets. Decades of experience in the industry and the consistent integration of the latest technologies and research findings ensure the high quality standard of Güntner solutions. Users include the international automotive, foodstuffs, pharmaceutical and computer industries and numerous public sector institutions.

As a daughter of the A-HEAT AG, the company benefits from the inter-company information and know-how transfer which imparts decisive impulses to the different companies forming part of the Group.

Based in Vienna, Austria, A-HEAT AG, Allied Heat Exchange Technology AG, is an internationally active leading technology group with a strong focus on refrigeration and air conditioning technology as well as process engineering. The group serves as holding company for the Güntner GmbH & Co. KG, JAEGGI Hybridtechnologie AG, thermowave GmbH and basetec products + solutions GmbH.

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