

Great performance, even greater variety

Over the last year, Güntner launched impressive additions to its range of drycoolers and condensers with the GFD V-shape coil drycooler and the GVD V-shape coil condenser. In addition to many usage benefits, the units in these series offer high power density with the minimum number of fans and take up the minimum possible space.



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Eight additional basic modules for container transport and a specially-developed water spray system and controller have been added to the range in this series. The new models were launched at Chillventa in front of a technical audience and were received with great interest.

HydroSpray® System

Spraying coils with water can significantly improve the performance of finned heat exchangers. Güntner has developed a special, intelligent spray system, the HydroSpray® System, for the GFD V-shape coil drycooler and the GVD V-shape coil condenser. The system is available in Basic and Professional variants.

The Basic variant is a single-stage system that activates spraying above a defined switching point and sprays all the fan chambers up to 300 h/a.

The Professional variant has what is known as Section Cycling, in which the unit is sprayed by section as required. Each fan chamber forms a section; the nozzle for each section is controlled individually by the system.

Perfect spray control: GHM spray

Both spray variants already have the perfect spray control built in. In conjunction with the Professional variant, for example, the GHM spray controller ensures that a maximum increase in performance is achieved over a spraying time of up to 1000 h/a with water consumption of just 50% compared with conventional systems. Another feature is the automatic vacuum drainage which ensures that spraying is always carried out with fresh water and that no water that could freeze is left standing in the unit in the winter.



Numerous benefits

However, even the Basic versions of the two series have plenty of convincing benefits. Both series include the ideal unit for any application: With 16 basic models, an application-specific design is possible due to the great flexibility with fin and pipe geometries and the variety of materials in the heat exchanger blocks. The units are delivered ready for use, so it is not necessary to install individual components on site. For transport and positioning, each unit requires only two crane lugs; these can be moved, so that transport by crane can also be realised easily without a lifting beam. Another highlight is that the units in both series have air-side baffles fitted as standard for optimum fan control. Moreover, the units are suitable for all types of control, regardless of whether AC (alternating current) fans or EC (electronically commutated) fans are used. The GVD condenser series is also available on request with operating pressure of up to 41 bar, so that the unit can also be run using an R22 substitute refrigerant such as R410A. Many options and a comprehensive range of accessories are available for both series.

About Güntner

Based in Fürstfeldbruck near Munich, Germany, Güntner AG & Co. KG is a world leader in the manufacture of refrigeration and air-conditioning equipment components. With 3,000 worldwide and production sites in Germany, Hungary, Indonesia, Mexico, Brasil 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 AG & Co. KG, JAEGGI Hybridtechnologie AG, thermowave GmbH and basetec products + solutions GmbH.

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