

Press release

Fürstenfeldbruck, September 2017



The new DUAL Compact air cooler from Güntner makes the condensation pipe disappear

The condensate that forms during operation is usually discharged into the sewer system via a condensation pipe installed through the room. This condensation pipe can now be installed out of sight in the false ceiling thanks to the option of the integrated condensation water pump. That not only looks better, but also offers substantial benefits: The units can be cleaned without having to first dismantle a condensation pipe, and can thus start cooling again more quickly. The condensation pipe installed out of sight also reduces the amount of cleaning required in the room, thus contributing to shorter service times. In addition, there is no longer any danger of the pipe being damaged by transport activities or the like.



Uniform air distribution in its most elegant form

Development of the new DUAL Compact air cooler was tailored consistently to suit customer needs and application requirements. The result is a product that, underneath its aesthetic and elegant form, conceals an entire range of application benefits. With a capacity of 2 to 25 kW and availability for HFC and CO₂, the dual discharge air cooler variants cover the whole range of applications, right up to sensitive workspaces.

Gentle cooling safeguards employees' health

The DUAL Compact also sets standards for use in processing rooms, with the units available optionally in a special draught-reduced construction. This ensures the best working climate in these sensitive operating ranges both subjectively and objectively, thus minimising working days lost by employees.

Various corrosion protection variants

In the standard version, the casing and tray of the DUAL Compact air coolers are made of corrosion-resistant aluminium alloy with powder coating, and the stainless steel brackets for ceiling mounting are integrated in the casing. In addition to the option of epoxy resin-coated aluminium fins, the new Coil Defender corrosion protection is also optionally available for the DUAL Compact air coolers. The Coil Defender coating is applied to the entire coil including the connection system and on the bend side in order to ensure that there is no chance of being attacked by aggressive substances. The coating is also food-safe and tested as part of the HACCP certification.



More safety through hygiene certification

After all, the topic of hygiene is also a big priority, which is why all materials used are food-safe. Thanks to convenient access and the smooth hygienic surfaces, all the components are easy to clean. The edges, bevelled at a 45° angle, prevent dirt build-up; the outer tray is thermally decoupled to prevent water condensation. Added to these are structural features required for certification according to the HACCP concept, such as easy access to the entire unit for visual inspection, as well as cleaning and maintenance work.

Simple installation and maintenance are a positive pleasure

All mounted parts are easily accessible. Flaps and trays can be removed and mounted again quickly and easily. The required bolting has been reduced to a minimum and designed undetachably at the appropriate point.

All trays can be removed quickly to facilitate inspection and cleaning. The outer tray can be alternatively hinged open from either side. If the optionally available condensation water pump has been installed, there is no need to dismantle the condensation pipe.

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 approx. 3,000 employees worldwide and production sites in Germany, Hungary, Romania, 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. The international areas of application comprise energy & process cooling projects, industrial and commercial applications in the field of food production and storage as well as HVAC applications for buildings and specific applications such as server room cooling.

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