



## Press release



Fürstenfeldbruck,  
October 2010

**GVHX/GVVX: axial fan  
condenser with  
microox<sup>®</sup> technology**

**Best price/performance  
ratio**

**Advantages of  
aluminium**

**Certified performance  
data and comprehensive  
quality inspections**

## Güntner sets a new benchmark for condensers

### **GVHX/GVVX: The first flat-bed condenser with microox<sup>®</sup> technology**

The microox<sup>®</sup> technology developed by Güntner and launched on to the market in 2008 has been further developed for use in existing unit series. Güntner has now combined the tried and tested GVH/GVV condenser series with the benefits of this innovative technology. The result: Güntner will be presenting the GVHX/GVVX as the first flat-bed condenser with microox<sup>®</sup> technology at Chillventa.

The GVHX/GVVX has a very good price/performance ratio and a high power density in relation to its footprint.

The brazed microox<sup>®</sup> heat exchangers are made exclusively from high-quality aluminium alloy, which protects the unit against galvanic corrosion. Since aluminium has a very low specific weight, microox<sup>®</sup> heat exchangers are up to 50% lighter than conventional fin-tube heat exchangers. In addition, the amount of refrigerant can be reduced by up to 75%, which under certain circumstances, can reduce the number of leak test that have to be carried out.

The performance data of the GVHX/GVVX have been checked and confirmed according to the specifications of Eurovent Certify All. Thus, you can be sure that the stated outputs will actually be achieved. To guarantee long-term operation of the axial condensers, every GVHX/GVVX is subject to a comprehensive quality test before it leaves the factory. The heat exchangers are inspected for leaks with burst tests (alternating pressure tests) with a bursting pressure of more than 100 bar.



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**Endurance test for transport**

Apart from this, extensive endurance tests are performed on microox<sup>®</sup> heat exchangers in different transport situations. In this way we ensure that the customer receives the unit at the place of installation in exactly the same quality as when it leaves our factory.

**Casing design optimised for transport and storage**

Precisely adapted casing dimensions for truck and container transport are another advantage of the GVHX/GVVX. Up to three units can be stacked on top of each other to save space during storage and make optimum use of the loading area during transportation.

**Assembly and service friendly**

The resistant aluminium heat exchangers have a self-supporting casing design with a minimum number of feet. This considerably reduces effort for the customer as regards substructures on the building site. The GVHX/GVVX is equipped with copper connections to allow simple installation by the customer.

**Different installation variants**

As installation variants the GVHX can be delivered with a horizontal coil position and the GVVX with a vertical coil position, both can also be retrofitted.

**For all refrigerants**

The GVHX/GVVX can be used for all conventional refrigerants up to 41 bar operating pressure.

**Many accessories**

A wide range of accessories is available for the GVHX/GVVX, such as receivers, empty casings and subcoolers.

**Integration in building management with GMM EC**

AC and EC fans can be used for the GVHX/GVVX. Güntner Controls offers a wide range of controllers and control cabinets coordinated precisely to be used with heat exchangers. The GMM EC, the Güntner Motor Management for EC fans, offers optimum integration into building management. Monitoring of all of the components that are important for operation, exact control of the fan speed in relation to condensing pressure or temperature and supply of important operating information to superordinate control systems are just some of the benefits of the GMM EC.



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**Introduced at Chillventa** The GVHX/GVVX will be introduced at Chillventa in Nuremberg, Germany from 13 to 15 October. Güntner will present the benefits of the first flat-bed condenser with microox<sup>®</sup> technology in Hall 4, Stand 104.

### **Güntner Group**

Güntner AG & Co. KG has its headquarters in Fürstfeldbruck in Germany and is a global leader for the manufacturing of refrigeration and air conditioning components. Decades of experience in the sector, as well as consistent use of the latest technologies and research results, ensure the high quality standard of Güntner solutions in accordance with DIN EN ISO 9001 and "Eurovent Certify All". Operators include the international vehicle, food, pharmaceutical and computer industries, as well as a range of public utilities. Founded in Germany in 1931, the Güntner Group currently serves its customers and partners with nine production facilities and 40 subsidiaries and representative offices throughout the world.

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