Güntner Competence

**Commercial Refrigeration**

- Food processing
- Fast cooling and freezing
- Storage of unpacked, sensitive goods
- Storage of packed goods
- Cold storage room
- Heat dissipation
“Honest, reliable and safe – these are just a few of our core values!”

Maximilian Haberlik, Sales Manager Wholesale

Güntner was founded more than 80 years ago as a repair service for commercial cooling equipment. Our company has since developed into a reliable partner for specialist refrigeration and air conditioning companies. We apply this long-standing experience to the production and development of our heat exchangers and control components and in advising our customers.

We meet the special requirements of commercial cooling in particular in this respect, such as in the storage of sensitive chilled goods or optimum room usage of a cold storage room.

With heat dissipation you can utilise different proven product series, which can be selected according to the respective requirements, such as sound emission limits, building integration and high power densities.

Our objective is to offer you product solutions in which optimum functioning, failure-safety and low operating and investment costs are front and centre.
The right solution for every application

Different products must be cooled and stored in commercial cooling. This makes high demands on selecting the right air cooler. Güntner offers a wide range of heat exchangers for all application areas, which are suitable for all current coolants and refrigerants.

Liquid receives / Subcoolers
Available as accessories in various models

Heat dissipation
Energy-efficient heat dissipation while considering the set-up situation and local requirements for sound emissions are important points when selecting condensers. Güntner offers a wide range of heat exchangers with different power and sound gradations. The unit’s construction design makes a space-saving set-up possible – even in tight and narrow set-up situations! Fans are available in AC or EC technology and can be controlled with Güntner speed controllers.

Goods are delivered packed and transported further in many commercial cooling areas. High-performance evaporators that enable maximum room usage with even temperature distribution and high air throw ranges are used here.

Available for all current refrigerants/coolants

Our heat exchangers can be configured for all current coolants/refrigerants: HFC / brine / glycol / NH₃ / CO₂

Food processing
Foodstuffs such as meat, fish and cheese are very sensitive chilled goods, with which special requirements must be considered: Precise temperature adherence, strict hygiene regulations, corrosion protection and optimum operational reliability. Our HACCP-certified coolers are ideal for food processing. They can be cleaned quickly and efficiently and are available in different construction designs.

Fast cooling and freezing
Goods are fast frozen in bakeries, abattoirs and in the production of convenience products. Güntner provides high-performance evaporators with external pressure for this very purpose.

Special requirements for temperature, air humidity and airflow must be met, so that fresh fruit and vegetables can be provided in top quality, regardless of the season. Coolers for ensuring low moisture loss with as low a temperature difference as possible should be selected here. Large heat exchanger surfaces and high air change rates are also very important for this.

Storage of unpacked, sensitive goods
Limited heat exchanger surfaces and high airflow are important here. Large change rates are also very important for this.

Storage of packed goods
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Food processing

The right goods temperature is the be-all and end-all for product quality in the food processing and cooling industry. Specific temperatures must be maintained with meat, fish, dairy products and fruit and vegetables in particular, whereby low moisture loss also plays a very important role.

Strict hygiene regulations are also essential. Be on the safe side with Güntner – corrosion-protected, fail-safe and quick and easy to clean.
Our products for the food processing industry

Güntner provides products for cooling foodstuffs, which are precisely harmonized with this area of application.

A draught-reduced working climate with low sound emissions provided by quiet fans is extremely important in cold storage rooms that people work in. Güntner has developed a cooler especially for this purpose: the GBK Processing Room Evaporator. Hygiene requirements also play a big role in food processing. Güntner provides units that can be quickly cleaned with hinged trays and large condensation water drains, which are HACCP and Eurovent-certified. Fail-safe fans and corrosion-resistant materials round off the product quality.

Our products for the food processing industry

**Preventing draughts**

For a pleasant working climate in cold storage rooms it is very important to prevent draughts and keep sound emissions as low as possible.

We have developed specific units for such working rooms, which enable optimum airflow routing with their special construction.

The fans we use can be speed-controlled, and therefore efficiently operated at a low speed.

**Hygiene (HACCP)**

Hygiene requirements are very high in the food processing industry. Numerous Güntner evaporators and air coolers have already been awarded the HACCP Hygiene Certificate.

Evaporator and aircooler design features which the certification includes:
- Material harmlessness, approved for foodstuffs
- Good accessibility for cleaning
- Large condensation water drain
- No dirt traps (no nooks or gaps)

**Easy cleaning (hinged tray)**

Air coolers have to be cleaned often and efficiently in the food processing industry. Güntner has therefore developed units that are optimally adapted to this. All evaporators and air coolers are equipped with a hinged tray.

With certain series the fans swivel and the side covers are hinged, so that the unit can also be cleaned thoroughly from the inside. The casing's smooth powder-coated surface also favours thorough cleaning.

**Material (corrosion protection)**

The resistance of the materials used is put to tough tests with the cleaning agent, as well as substances used in production, such as salt, vinegar or smoke. Güntner delivers coolers with varying materials, which can be selected in the Güntner Product Calculator (GPC).

Slimline ceiling-mounted evaporator
- 1 - 9 kW
  - Small cold storage rooms
  - Optimum room usage
  - Light weight flat design
- Highly efficient EC fans
  - Up to 70 % less power consumption
  - Standard with two speeds
- HACCP-certified
- Easy to clean due to hinged tray
- Core tubes and casing made of stainless steel*
- Corrosion-protected fins*

Processing room evaporator
- GFK
  - Processing room evaporator
  - Slimline design
  - Draught-reduced airflow routing in processing rooms
  - Fans with low speed
  - Low noise operation
- Hinged tray
- Large condensation water drain
- Casing, tray and tubes made of stainless steel*
- Epoxy resin-coated fins*

Ceiling-mounted evaporator
- DHF
  - Medium-sized cold storage rooms
  - Highly efficient heat exchangers
  - For special room geometries (blowing out on both sides)
  - Fans with high efficiency available in three noise levels
  - Thermal short circuits and heat pockets prevented
- Easy to clean due to hinged tray
- - Mounted at a slight angle to facilitate draining
- - Large condensation water drain
- Tubes and casing made of stainless steel*
- Corrosion-protected fins*

Wall/ceiling-mounted evaporator
- GHF
  - Medium-sized cold storage rooms
  - Highly efficient heat exchangers
  - High air throw range
- HACCP-certified
- - Inclined fans (Güntner Incline Design) for Cianda effect
- - High air throw ranges with Güntner Steamer*
- - Hinged tray
- - Large condensation water drain
- - Dripping fans*
- - Thermally decoupled tray
- - Tubes and casing made of stainless steel*
- - Corrosion-protected fins*

* available in the GPC as option

The types with the storage symbol are available quickly ex warehouse.

Take this symbol into account when configuring units in the Güntner Product Calculator.
Fast cooling and freezing

Goods must be quickly cooled and frozen for longer shelf lives in bakeries, abattoirs and other areas of foodstuff production. Güntner provides high-performance coolers with fans with high external pressure and switchable speeds for these purposes.

With its horizontal airflow routing, the Güntner GFN Blast Freezer, for example, makes fast and efficient cooling for goods placed on cold storage trolley cars possible.
Our products for fast cooling and freezing

Evaporators with high-performance fans ensure optimum cold air distribution in the room.
- Standard fans with external pressure between 50 and 100 Pa
- Special fans with higher pressure are available

Fast ice build-up is prevented with stepped fin spacing.

**High air circulation rate**

- Blast freezer cabin
- Freezing room
- Forced-draught fans
- Horizontal airflow routing: Ideal for cold storage trolley cars and stacked goods
- Deep freeze version available

**High air speed**

- Fans with high external pressure*
- Electric heating* for coil, tray and fans
- Hot gas defrosting*
- Heating coil* for drip tray

**High defrosting capacity**

- Fans with high external pressure*
- Electric heating* for coil, tray and fans
- Hot gas defrosting*

**Stepped fin spacing for reduced frost-forming on coils**

- Stepped fin spacing*
- Fin spacing: 7 / 10 / 12 mm*

Güntner provides evaporators with the option of double fin spacing on the air inlet. This can be selected via the Güntner Product Calculator (GPC) configuration software.

The double fin spacing prevents ice build-up from blocking the fin gaps on the air inlet. Fewer defrosting cycles are then required, even in cold storage rooms with high air humidity and high floating temperature difference.

Güntner evaporators have electric heating for the coil, tray and fans as an option. A hot gas defrosting for the coil and the tray can also be selected for the GFN Blast Freezer.
Storage of unpacked, sensitive goods

The storage of unpacked, sensitive goods makes high demands on the cooler’s configuration. A low moisture loss is very important with fruit and vegetables. Cold air must flow completely around the goods at a constant temperature and high air change rate to achieve this. Güntner has developed special coolers that precisely meet these requirements.

Ultimately the goods must reach the customer in the best possible quality all year round.
**Our products for storing unpacked, sensitive goods**

Special requirements for temperature, air humidity and airflow routing emerge with the cooling of sensitive, unpacked goods. Güntner has developed the GHN wall/ceiling-mounted evaporator and the DHN ceiling-mounted evaporator (S-DHN banana cooler, S-GHN fruit/vegetable cooler) especially for these applications.

### Low moisture loss

Low moisture loss of the goods is achieved by the lowest possible temperature difference and a high air change rate. This should already be considered early on with the cold storage room's configuration. Güntner evaporators and air coolers can be precisely configured for the application case with a low Δt with the Güntner configuration software.

### Material (corrosion protection)

The resistance of the materials used is put to tough tests with the high air humidity in the cold storage room and the cleaning agents used. Güntner delivers coolers with varying materials, which can be selected in the GPC.

We have compiled some recommendations for material selection in a brochure: [www.guentner.eu/know-how/application-tips](http://www.guentner.eu/know-how/application-tips)

### Factory-fitted modules

Factory-fitted modules save time with installation and start-up.

Güntner heat exchangers are optionally available with a factory-fitted thermostatic expansion valve. This enables precise controlling of the refrigerant injection for precise temperature adherence.

With hot gas defrosting the units can be delivered with tubing already installed between the tray and the coil.

The check valve can also be delivered already mounted.

### Customer series and special constructions

Special applications require special solutions. Güntner has been constructing and producing special units and customized series for decades.

- Cooling meat products, dairy products
- Low unit height for special room geometries
- Corrosion-protected fins*
- Stainless steel tubes*
- Stainless steel casing*
- Fans with high external pressure*
- Banana cooling
- Unit dimensions adjusted to standard dimensions of cold rooms and Euro pallets
- Even ripening results: Fans with reversible rotation direction
- High air humidity with direct evaporation
- - Thermal heating via fans*
- - HG-defrosting*/E-heating*
- - Fans with high external pressure*

* available in the GPC as option
Storage of packed goods

Maximum room usage is very important with the storage of packed goods. Warehousing and removal intervals and therefore heat and moisture entries into the cold storage room must also be taken into account here.

Highly efficient Güntner coolers are used so that cold air also reaches every nook and cranny of the cold storage room.
Our products for storing packed goods

Güntner has developed special coolers with flat construction dimensions for optimum room usage for packed goods storage. Very efficient units, which enable high air change rates and air penetration into the cold storage room, are used with bigger cold storage rooms. The fans’ speed can be controlled for varying room utilisation.

### Highly efficient cooler

Güntner evaporators and air coolers are equipped with tried and tested quality fans. This ensures a high air change rate in the cold storage room and the goods are continuously circulated with cold air.

Without using additional energy, the air throw range of the fans can be optionally increased with the Güntner Streamer.

Highly efficient, fail-safe Güntner coolers have high cooling power.

The coolers are equipped for this with a staggered tube system, internally grooved tubes and special fin geometries.

### Even air distribution

- Large cold storage rooms
- High performance evaporator

- Highly efficient units with optimised airflow routing with Güntner Incline Design

### Good cold storage room utilisation

- Even air distribution
- High performance evaporator

- Highly efficient units with high-performance fans and low height

### Efficient defrosting

- Efficient defrosting
- High air throw ranges with Güntner Streamer*
- Increased directed air volume flow

These options are delivered factory-fitted for fast customer-side installation.

<table>
<thead>
<tr>
<th>Application / Properties</th>
<th>GDF</th>
<th>Wall/ceiling-mounted evaporator</th>
<th>GACC</th>
<th>Wall/ceiling-mounted evaporator</th>
<th>GHF</th>
<th>Wall/ceiling-mounted evaporator</th>
<th>DHF</th>
<th>Ceiling-mounted evaporator</th>
<th>GHN</th>
<th>Wall/ceiling-mounted evaporator</th>
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</thead>
<tbody>
<tr>
<td>- Small cold storage rooms</td>
<td>0.7 - 17 kW</td>
<td>- Effective air distribution in the entire cold storage room</td>
<td>1 - 81 kW</td>
<td>- Effective air distribution in the entire cold storage room with Güntner Streamer</td>
<td>1 - 50 kW</td>
<td>- Effective air distribution in the entire cold storage room with Güntner Streamer</td>
<td>2 - 15 kW</td>
<td>- Blowing/aspirating on both sides</td>
<td>4 - 220 kW</td>
<td>- Large cold storage rooms</td>
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<td>- Light-weight, flat design</td>
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<td>- Tray and heating element can be opened without any parts that might be lost</td>
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<td>- High air throw ranges with Güntner Streamer*</td>
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<td>- Quick and easy to open drip tray</td>
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</tbody>
</table>

The types with the storage symbol are available quickly ex warehouse. Take this symbol into account when configuring units in the Güntner Product Calculator.

* available in the GPC as option
Heat dissipation

Very specific regulations in commercial cooling must also be observed with heat dissipation. These range from noise abatement regulations with set-ups in residential or combined areas, to integration of the units into the existing architecture, right through to tight and narrow set-up situations that require an especially high power density. Güntner is not only aware of these requirements – we also provide the right solution.
### Our products for heat dissipation

Güntner condensers and drycoolers are available for all current coolants/refrigerants. Choose between more than 30 different coolants/refrigerants in our GPC configuration software.

All condensers are available in many power levels and can be equipped with AC or EC fans. The fans can be controlled in steps or continuously with Güntner control components.

The GVH/GVVX condensers also have the benefits of the innovative microox® technology, such as reduced weight, low refrigerant filling volume and increased corrosion protection. To round off our offering we provide a wide selection of accessories for condensers, such as subcoolers, liquid receivers and empty casings.

#### Condenser with microox® technology

<table>
<thead>
<tr>
<th>Condenser</th>
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</tr>
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<tbody>
<tr>
<td>GVH GVVX</td>
<td>- Small cold storage rooms - Counter cooling</td>
</tr>
<tr>
<td></td>
<td>- Good price-performance ratio - Corrosion-resistant heat exchangers</td>
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<tr>
<td></td>
<td>- AC or EC fans - Energy-efficient control with Güntner control components</td>
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<tr>
<td>Radial condenser</td>
<td>- Vertical or horizontal air blow - Set-up in internal rooms - External pressure considered</td>
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<tr>
<td>RVH RVV</td>
<td>- Indoor set-up - Quiet version</td>
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<tr>
<td>W condenser</td>
<td>- Very sound-sensitive areas - Energy-efficient control with Güntner control components - Available with different sound insulations</td>
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#### Axial condensers

<table>
<thead>
<tr>
<th>Condenser</th>
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<tbody>
<tr>
<td>GV 3.5 - 20 kW</td>
<td>- Small cold storage rooms - Counter cooling</td>
</tr>
<tr>
<td>GVM 15 - 350 kW</td>
<td>- Good price-performance ratio - Corrosion-resistant heat exchangers</td>
</tr>
<tr>
<td>GVVX 50 - 500 kW</td>
<td>- AC or EC fans - Energy-efficient control with Güntner control components</td>
</tr>
<tr>
<td>RVH RVV 20 - 700 kW</td>
<td>- Vertical or horizontal air blow - Set-up in indoor rooms - External pressure considered</td>
</tr>
<tr>
<td>RVG 8 - 1320 kW</td>
<td>- Small cold storage rooms - Counter cooling</td>
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#### Empty casings

<table>
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<tr>
<th>Condenser</th>
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</tr>
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<tbody>
<tr>
<td>GVHG GVVG</td>
<td>- Empty casings for all condensers except RVH/RVV</td>
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<tr>
<td></td>
<td>- Available with different sound insulations</td>
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<tr>
<td></td>
<td>- Two standard heights available - Special constructions and customized series possible</td>
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#### Axial condensers

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### Sound and control

We use highly efficient, directly driven axial fans in AC or EC technology. We also deliver pre-wired fans to save time with the installation. These can be controlled in steps or continuously with Güntner control components.

### Set-up space and power density

Güntner condensers are available in various construction designs. They can therefore be perfectly integrated into the existing architecture.

The GVW provides a high power density with low set-up space.

### Cleaning

In order to maintain the cooling capacity of a refrigerating plant, it is important to clean the condensers in May or June, after the flowering period.

### Accessories

To round off our offering we provide a wide selection of accessories for condensers:

- Güntner control components
- Liquid receivers
- Subcoolers
- Empty casings
- Vibration dampers
- Repair switches

Select the accessories that go with your application and equipment in our GPC selection software.

* available in the GPC as option
microox® technology: 
A milestone in stationary refrigeration engineering

microox® technology is a further development of the microchannel technology, predominantly applied in the automotive industry to date. Instead of the copper-aluminium combination that was customary in stationary refrigeration engineering, microox® technology heat exchangers are produced completely from aluminium. In addition to one single material and therefore significantly increased corrosive resistance, microox® Technology provides even more benefits.
Reduced refrigerant charge

The microox® heat exchanger provides up to 75% lower refrigerant charge vis-a-vis capacity. EU regulations 842/2006 (F-Gas Regulation) and 1005/2009 specify leakage tests depending on the system refrigerant charge (see table). A lower refrigerant charge therefore means fewer leakage tests, circumstances permitting.

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Low weight for transport and installation

Heat exchangers with microox® technology are made completely of aluminium and up to 50 % lighter than conventional fin-tube heat exchangers.

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Optimized casing construction for transport and storage

The casings of the GVHX/GVXX series were specially developed for easily transporting and storing the units. Up to three can be stacked on top of each other. You consequently save space and costs with storage and transport.

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High operational reliability and leak-safety

Regular burst tests are performed to ensure the enduring quality of microox® heat exchangers and to guarantee their load capacities. microox® heat exchangers are approved for use with an operating pressure of 41 bar.

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Quick and easy cleaning

The microox® heat exchanger must be cleaned regularly to ensure the system’s proper performance. Unnecessarily high condensing temperatures are consequently prevented, which has a positive effect on the system’s energy consumption and operating costs. The unique profile, the low coil depth and high stability of the microox® heat exchanger enable thorough cleaning with normal water pressure or a high-pressure cleaner with a pressure of up to 50 bar.

Please find more detailed information in our microox® brochure.
Controllers and switch cabinets

Güntner Controls has been delivering efficient and top-quality controllers and switch cabinets, which are continuously further developed in accordance with the requirements of the refrigeration industry, for many years now.

The units used are developed and produced in-house. They are therefore harmonized with the Güntner condensers and form a very important element of the intelligent Güntner heat exchanger systems.

Condenser-fan control generates high potential for system efficiency optimization and increased operational reliability. Güntner Controls has implemented this with the development of the Güntner Motor Management (GMM).

Güntner Motor Management (GMM)

Energy savings of up to 80%

Energy savings of up to 80% with precise, requirements-oriented control of the fans

Short start-up times

Short start-up times with automatic parametrisation of the fans

Increased operational reliability

Monitoring function of important operating components:
- Bypass function
- Alarm management
- Icing protection for the fans
- Manual fan re-start

Further benefits

- Selective fan switch-off for partial load
- Remote maintenance with BUS interface to higher level systems
- All-phase sine filter with the GMM sincon for maximising AC fan service life

Controller technologies at a glance

<table>
<thead>
<tr>
<th>Control principle</th>
<th>AC fans</th>
<th>EC fans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>GMM step</td>
<td>GMM EC</td>
</tr>
<tr>
<td>Technology</td>
<td>Step controller</td>
<td>Phase cutting controller</td>
</tr>
<tr>
<td>Low investment costs</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Precise control</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Noise-sensitive application</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Energy efficiency</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Low installation costs</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

Acceptable | Good
# Special features

Güntner heat exchangers have numerous integrated special features, which simplify installation, operation, inspection and maintenance. Often the functions are not always visible at first glance.

## EC fans

<table>
<thead>
<tr>
<th>Fixing construction prevents dirt build-ups on the ceiling</th>
<th>Quick and easy mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixing construction prevents dirt build-ups on the ceiling</td>
<td>Transport in installation position</td>
</tr>
<tr>
<td>Fixing construction prevents dirt build-ups on the ceiling</td>
<td>Hinged drip trays without small parts that could be lost</td>
</tr>
<tr>
<td>Fixing construction prevents dirt build-ups on the ceiling</td>
<td>Swivelling side covers</td>
</tr>
<tr>
<td>Fixing construction prevents dirt build-ups on the ceiling</td>
<td>Very few screws</td>
</tr>
</tbody>
</table>

## Multifaceted defrosting types

- Air Circulation
- Electric
- Hot gas
- Brine
- Water

## Condensate on the cooler prevented

- Thermally-decoupled tray (double tray) is standard with the GHF and GHN family
- The double, insulated tray is available as an option (see picture)

## Stainless steel bracket, flush

- HFC
- \( \text{NH}_3 \)
- \( \text{CO}_2 \)
- Flammable refrigerant (propane, propene, etc.)

## All current refrigerants/heat carriers

- Air circulation
- Electric
- Hot gas
- Brine
- Water

## Multifaceted defrosting types

- Air circulation
- Electric
- Hot gas
- Brine
- Water

## Draught-free working

- Special processing room cooler (GBK) available
- Textile tube connections
- Fans with low speed
- Quiet fans

## Optimum air distribution

- Numerous construction types for different airflows and room sizes
- Wide selection of fans with different speeds
- Fans with high external pressure provided
- Güntner Streamer for increased air throw range
- Cooling baffles

## REACH-compliant

Güntner only uses chemical substances that have been assessed and approved by the EU.

REACH Ordinance: New European chemicals law; Ordinance (EC) No. 1907/2006
High demand – reliable products

Güntner only uses the high-grade materials of certified manufacturers in producing their heat exchangers. These are processed on modern machinery into high-quality and optically appealing products.

In addition to cost-effectiveness, safety of staff and environmental protection are also high priority Güntner corporate goals.

Powder coating
- All Güntner evaporators are powder-coated.
- Special paint coats are possible.

Venturi Distributor
- High quality distributors, proven in practice for many years.

Proven Güntner floating coil principle
- Thermal expansions of the coil without stressing the core tubes
- Prevents leaks
- Increases the heat exchanger coil’s service life

Stable soldered connections
- Prevent leaks
- Modern production technology with friction melting process (deform instead of drilling)
- Increased pressure stability

Tests
Güntner heat exchangers are continuously tested and certified by independent institutions:

<table>
<thead>
<tr>
<th>DIN ISO 9001</th>
<th>Eurovent</th>
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</thead>
<tbody>
<tr>
<td>GOST</td>
<td>VDE</td>
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<tr>
<td>UL</td>
<td>TÜV HACCP</td>
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<tr>
<td>CE</td>
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</tbody>
</table>
Quickly and safely calculate thermodynamically & prepare offers

The Güntner Product Calculator GPC calculation software allows you to quickly and easily configure the right unit for your individual application. Simply enter the required parameters in the convenient entry screen of the GPC.

An exact thermodynamic calculation is performed and a selection of the suitable units is provided while considering your selected operating conditions and selected accessories. After selecting the optimum unit the GPC generates a data sheet for you with technical data, dimensions, weights and prices.

Use our GPC for swift and precise selection of heat exchangers, control units and switch cabinets!

Possible input data:

- Air temperature
- Accessories
- Condensing temperature
- Sound pressure level
- Condenser temperature
- Frost thickness on the fins
- Overheating (DX)
- Refrigerants/coolants
- Thermonic calculation
- Capacity
- Evaporating temperature
- Subcooling temperature
- Thermodynamic calculation = optimum unit selection for every application case

Your benefits at a glance:
- Precise thermodynamic calculation, even with unusual usage areas
- Quick and safe configuration
- Individual setting of different units possible for every entry field
- 15 languages can be set
- Current prices and delivery times can be called up
- Display of quickly delivered units in storage
- Automatic coordination of individual unit components
- Night reduction, fans in acc. with intended use and energy efficiency

Download your Güntner Product Calculator (GPC) for free:
www.guentner.eu
Quick delivery with units in storage

When searching for units, the GPC calculation software shows which ones are in storage, and therefore can be delivered in just 4 days. These units have the storage symbol.

Available as storage units:
- Evaporators: GDF, DHF, GHF
- Condensers: GVM, GVH, GV, GVXX, GVHX

In-house logistics department

Rapid availability and reliable delivery are the be-all and end-all of customer satisfaction. We have our own in-house logistics department to optimally meet our customers’ requirements in this respect, with which we can provide rapid and reliable delivery.

Traffic light symbol – Is the unit suitable for the application?

When selecting the unit the traffic light colour shows whether or not this unit is suitable for your application case.

A click on the traffic light symbol displays a list of the reasons why the unit is unsuitable, or of limited suitability.

With pre-selection of the accessories, the traffic light shows which series have the selected accessories. In the results list you see the price including accessories, allowing you to find the most cost-effective complete solution.
You will find the most important information at www.guentner.eu

Specialist information/application tips

Swift product selection
Get quickly to the product you want

Product photos

Product properties
All product benefits at a glance

Your worldwide contact partners

Info brochures
Data sheets
Operating instructions

Available references on the respective product

Certificates for the respective product

GPC download

High efficiency wall/ceiling-mounted air cooler

0.5 – 80 kW
80 Years of Güntner – 80 Years of Experience and Expertise

In 1931 Hans Güntner founded a repairs service for heat exchangers in Munich – demand was soon so great that a site change was required, as the company quickly had more than 100 employees. Güntner has continuously further developed since.

Today the company has six production sites on three continents. Güntner can consequently draw on 80 years of continuity and experience in heat exchanger technology.

We apply this experience and expertise in the development of our products and new technologies, so that each and every one of our customers’ requirements are met.

Güntner produces in its own plants in Europe, Asia and the Americas. The network of plants includes production sites in Germany, Hungary, Russia, Indonesia and Mexico. All products meet the company’s high quality claim, regardless of their geographical origin. All Güntner products are certified in acc. with ISO 9001.

Based on our wide-ranging experience and expertise, Güntner heat exchangers are used in various applications in diverse business segments. We will gladly provide you with information on the following business segments:

- Industrial Refrigeration
- Air Conditioning
- Energy & Process Cooling

If interested, please contact your Güntner Sales employee.