

Condensers / Dry coolers



Compact



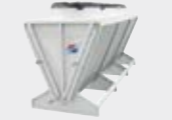





The COMPACT product line offers readily available standard units for standard applications at a fair price-performance ratio.

Vario

The VARIO product line comprises series which can be customised quickly and accurately for individual projects by means of the Güntner Product Calculator. Customers are able to choose specific equipment to meet their individual requirements from a variety of different material combinations, variants and accessories.

Special

The SPECIAL product line consists of series configured for special applications, e. g. for the cooling of agricultural products or storage centers. Customised adaptations and customer series are available for special applications.

Name	Product	Capacity	HFC	NH ₃	CO ₂	Heat Carrier
Flat		15 – 350 kW	GVHX	GVHX	GVHX	
Sky		15 – 350 kW	GVVX	GVVX	GVVX	
Twin		70 – 850 kW	GVW	GVW	GVW	GFW
Flat		8 – 1320 kW	GVH	AGVH	GVH	GFH
Sky		8 – 1320 kW	GVV	AGVV	GVV	GFV
Twin		30 – 2000 kW	GVD	GVD	GVD	GFD
Supermarket-V		15 – 350 kW	GVX H	GVX H		
Supermarket-H		15 – 350 kW	GVX V	GVX H		
Indoor-H		20 – 700 kW	RVH		RVH	RVH
Indoor-V		20 – 700 kW	RVV		RVV	RVV

Controls Control engineering



Competent. Reliable. Personal.

xxx

Product available in Güntner Product Calculator (GPC)

xxx

Product available on request

GVD / GFD

V-coil condenser / dry cooler
for air-conditioning and process cooling

30 – 2000 kW



Advantages

- High-performance V-type condenser/dry cooler
- For medium to high capacities in process cooling and air-conditioning
- Various sound levels; many design types
- With control system and switch cabinet on request

Easy to Install

- Transport simplified by 2 movable crane lugs
- No cross beam required
- On request factory-fitted accessories, switch cabinets, speed controllers

Suitable for All Noise Protection Requirements

- 5 volume levels available
- Standard with two speeds
- Suitable for speed control

High Operational Reliability and Leak-Safety

- Proven Güntner floating coil principle (refrigerant conduits do not make contact with the casing; increases the heat exchanger's service life)
- Self-supporting casing structure, withstands bending and deformation
- High stiffness with reduced weight

Inspection and Cleaning

- Fans easily accessible
- Cleaning openings with no parts that could get lost
- Stable surface-corrugated aluminium fins

Heat Exchanger

- Staggered tube pattern 50 x 25 mm; fin spacing 2.4 mm (Option 2.0 / 2.2 / 3.0 / 4.0 mm)
- Special copper pipes for HFC and heat carrier
- Stainless steel pipes for NH₃
- Surface-corrugated aluminium fins for high heat exchange

Frame and Casing

- Sheet steel, galvanized
- Painted with RAL 7035

Fans

- Low-noise fans
- Standard with two speeds
- 5 sound levels
- Motor protection with thermocontacts
- 400 V, 3~, 50 Hz or 60 Hz

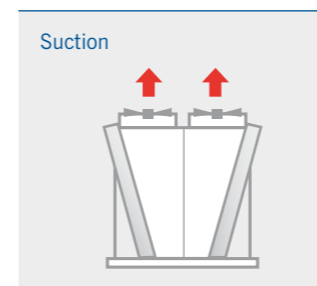
Dimensions

- L 3284 – 12139
- B 2300
- H 2850

Weight

- 1672 – 5690 kg

Airflow Direction



Fans

4 – 18
200 / 310 / 400 / 450 / 500 mm



Heat Exchanger

Fin geometry: F
50 x 25 mm
Staggered tube pattern

Fin spacing
2.4 mm



HydroSpray®

Basic: 300 h/a
Professional: 1000 h/a



Suitable Applications

Medium to large capacities 	Optimised for container transport 	For sound-sensitive applications 	Constricted space conditions
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Product Types / Refrigerant / Capacity

	Refrigerant	Nominal Capacity	Sound Pressure Level*
GVD	HFC	50 – 2000 kW	38 – 60 dB(A)
GFD	Heat Carrier	30 – 1850 kW	32 – 60 dB(A)

Higher capacities on request

* at 10 m distance in acc. with EN 13487

Available Accessories

Liquid Receivers	Controls	Other
<ul style="list-style-type: none"> ✓ Horizontal ✓ Vertical 	<ul style="list-style-type: none"> ✓ GMM EC ✓ GMM sincon® ✓ GMM phase cut ✓ GMM step 	<ul style="list-style-type: none"> ✓ HydroSpray® (water spraying) ✓ Epoxy-resin coated fins ✓ Special varnishing ✓ EC fans ✓ Max. operating pressure 41 bar ✓ Empty casing (fitted at the side) ✓ Vibration dampers
Subcooler		
<ul style="list-style-type: none"> ✓ Circuit breakdown ✓ Separate heat exchanger 	<ul style="list-style-type: none"> ✓ Switch cabinet ✓ Repair switch 	

Available material

Material	Tube	Fin	Casing
AlMg			
Aluminium		✓	
Copper	✓		
Aluminium, epoxy-resin coated		✓	
Steel, hot-dip galvanised			
Sheet steel, galvanized			✓
Stainless steel, V2A 304	✓	✓	
Stainless steel, V2A 316	✓	✓	

✓ Standard version

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