



Guntner Products

Flexible and Reliable



[**www.guntnerus.com**](http://www.guntnerus.com)



Dear Readers,

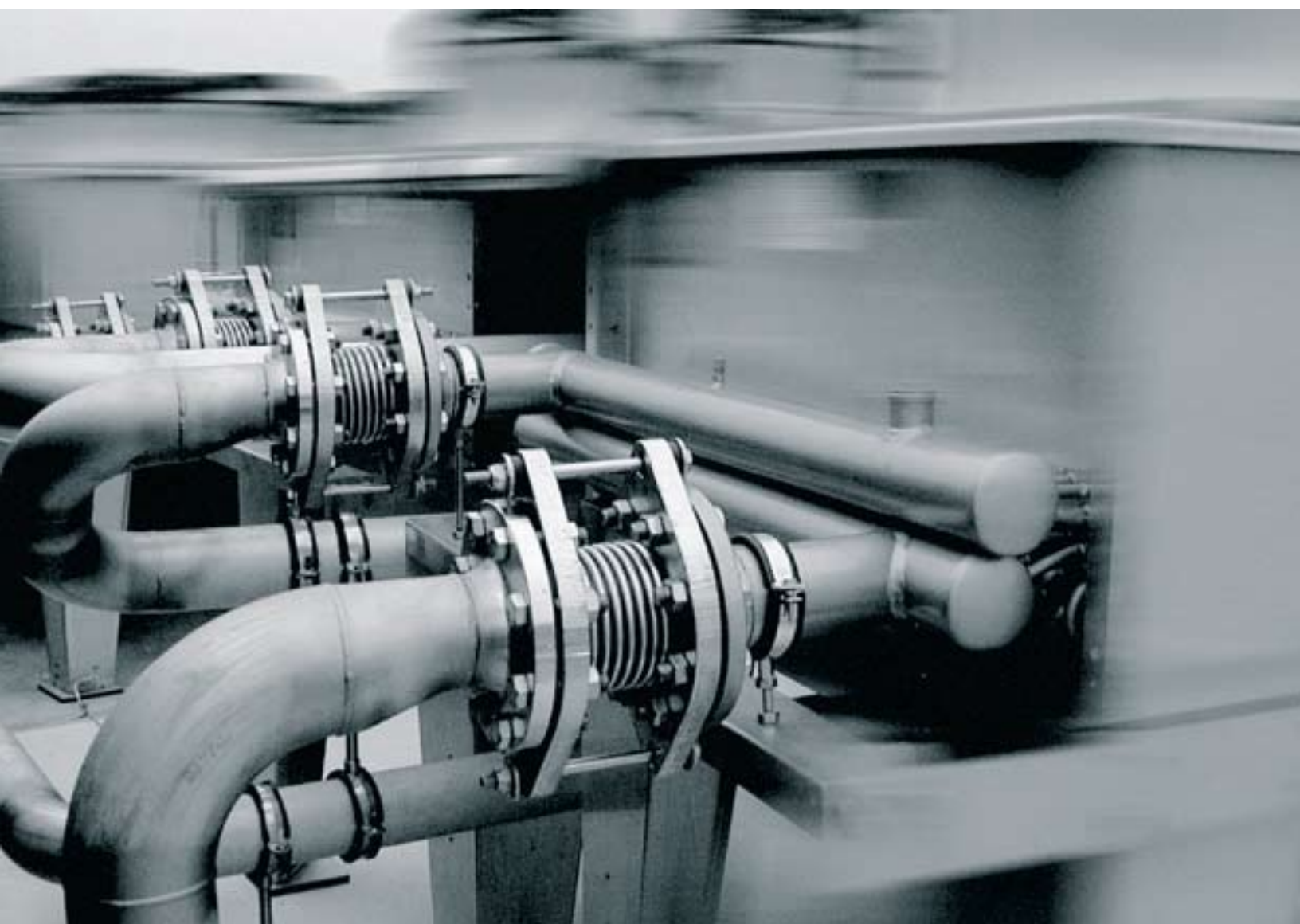
This product brochure provides you with a comprehensive range of solutions in refrigeration, air conditioning and process cooling technologies. You will find that the subtle differentiation between the product ranges allows us to offer you clear-cut solutions for each and every application, at competitive prices.

With seven decades of experience and commitment to total client satisfaction, Guntner has earned a reputation as the global leader in heat exchange technology. Supported by the best R & D engineers in the business, Guntner continues to break new ground in the demanding market of finned heat exchangers, with the purpose of providing you with the latest technologies and energy-efficient systems.

Our high standards and dedication to society and the environment have earned us the respect of the industry and the privilege of long-term relationships with our customers worldwide.

Consider Guntner your # 1 supplier; and, more importantly, "Talk to us!" The Guntner group network will support you and your staff in every aspect of heat exchange technology – competently, reliably and personally.

*Ian Runsey
Vice President
Guntner U.S. LLC*



Introduction

Introduction

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Finned heat exchangers

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Competent. Reliable. Personal.

Clear standards for quality and safety

Sophisticated technology, a wide-ranging product program and professional service: these are the most important constants to be able to meet the tough demands of refrigeration and air conditioning technology. This is why you, as Guntner's customer and partner, can rely on the highest quality standards in compliance with ISO 9001, UL, ASME B31.5, ARI, and ASHRAE standards – certificates that guarantee tested quality, binding performance commitments and calculable operating costs.

The broad range of individual solutions from one source guarantees efficiency, economy and thus long-term success in any area of application: services that Guntner reliably provides in a personal dialogue with you from the very beginning – from skilled specialist advice through the design of the most appropriate technical solution to delivery and service.



...keep(s) your quality.



- *sophisticated technology*
- *a wide-ranging product program*
- *highest quality standards*
- *specialist advice*
- *individual solutions from one source*
- *professional service*



Innovation Based On Tradition

The valuable synergy of experience and research

Anyone who wants to achieve a high level of performance in the long term needs a partner with experience and innovative strength. Guntner combines the expertise it has gained from its presence in all refrigeration and air conditioning technology sectors with the latest research results.

The Guntner Group's innovative solutions are systematically provided with the latest technologies, thus guaranteeing you the crucial competitive advantage in tomorrow's markets. Even today, you can make use of the Guntner Product Calculator (MPC) - a modern tool that enables you to carry out precise thermodynamic calculations for your system planning quickly and easily.

- ***a partner with experience and innovative strength***
- ***latest technologies***
- ***innovative solutions***
- ***software for precise thermodynamic calculations***



Worldwide Availability

Efficient sales structures allowing a presence everywhere

Demanding projects need competent advice and powerful on-the-spot service. With the professional support provided by the Guntner teams, your plans will always have a solid base.

The Guntner Group has 2,500 highly qualified staff in eight production plants worldwide, plus 48 representative offices and branches. This efficient network guarantees rapid, reliable handling, short delivery times and transport ready for assembly.



- *worldwide presence*
- *competent advice*
- *rapid, reliable handling*
- *short delivery times*
- *transport ready for assembly*





Professional Results

Excellent operating reliability in every area of use

Working in many different areas, from food to medical technology, requires a consistent performance and maximum operating reliability. Guntner's product range is characterised at all levels by particular development and manufacturing skills: different product ranges such as evaporators, aircoolers, fluid coolers, hybrid fluid coolers, condensers and plate heat exchangers and special electronic control systems offer economic solutions for every application.

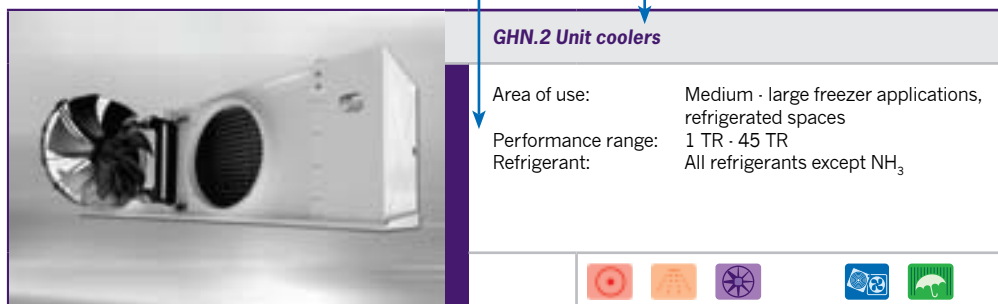
With its carefully selected raw materials, perfectly coordinated manufacturing techniques and excellent workmanship, Guntner provides high-quality system solutions with excellent operational reliability. In the new and further development of products, a wide range of measures for protecting resources and the environment is applied.

- *particular development and manufacturing skills*
- *high-quality system solutions*
- *consistent performance*
- *excellent operating reliability*
- *new and further development that protects the environment*

How To Use Our Product Brochure:

1. Product and model series designation

2. Features of the product model series



3. Symbols for additional benefits



The Guntner Product Calculator (MPC) helps you to locate products quickly and reliably and to find the latest prices.

What Do The Symbols Mean?

Description



Proven Floating Coil System

Guntner's support tube system prevents refrigerant losses through leaks and is a vital factor in guaranteeing the long working life and excellent operating reliability of our finned heat exchangers.



Powder Coating

Powder Coated, signal white, for better edge protection and lasting corrosion resistance.



Guntner Streamer

The Guntner Streamer increases air throw through the use of a proven "turbine-like" technology without any reduction of airflow and capacity, with zero additional air side pressure drop.



Low Noise

Equipment with low noise levels can be selected.



Hinged Fan Panel

Easy access to coil for cleaning.



Corrosion Protection

Different material combinations.



MCH/V Aircooled condensers (axial)

Area of use: Heat rejection
 Performance range: 3 TR - 380 TR
 Refrigerant: For all refrigerants except NH₃



MCD Aircooled condensers (V-Shape)

Area of use: Heat rejection
 Performance range: 85 TR - 540 TR
 Refrigerant: For all refrigerants except NH₃



GVW W-condenser

Area of use: Heat rejection
 Performance range: 25 TR - 250 TR
 Refrigerant: For all refrigerants except NH₃



Condensers

R22, R507, R404A, R134a...





GHN.2 Unit coolers

Area of use: Medium - large freezer applications, refrigerated spaces
 Performance range: 1 TR - 45 TR
 Refrigerant: All refrigerants except NH₃



MHF High efficiency unit coolers

Area of use: Small - medium freezer applications, refrigerated spaces
 Performance range: 0.1 TR - 22 TR
 Refrigerant: All refrigerants except NH₃



MDN Dual discharge unit coolers

Area of use: Low velocity freezer and chiller applications, refrigerated spaces
 Performance range: 1 TR - 17 TR
 Refrigerant: All refrigerants except NH₃



MBK Processing room unit coolers

Area of use: Draught - free cooling of processing rooms above freezing
 Performance range: 2 TR - 12 TR
 Refrigerant: All refrigerants except NH₃



Evaporators

R22, R507, R404A, R134a...





MBN Blast Freezers

Area of use: Blast freezing of tightly packed/
stacked products, freezer tunnel
Performance range: 2 TR - 24 TR
Refrigerant: All refrigerants except NH₃



Blast Freezers

R22, R507, R404A, R134a...





	MCAH/V Aircooled condensers (NH₃)	
	Area of use: Performance range: Refrigerant:	Heat rejection 4 TR - 325 TR NH ₃






- ODP = 0.
- GWP = 0.
- energy-efficient.

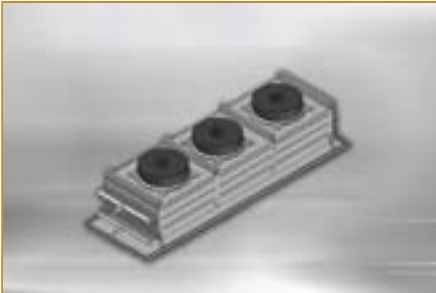



Condensers





NH_3 , (R717)...









	AGHN.2 NH₃ evaporators (stainless steel/al.)	
	Area of use:	Medium - large freezer applications, refrigerated spaces
	Performance range:	1 TR - 45 TR
	Refrigerant:	NH ₃
	    	

	AGBN NH₃ evaporators (stainless steel/al.)	
	Area of use:	Refrigerated work rooms
	Performance range:	1 TR - 30 TR
	Refrigerant:	NH ₃
	  	

	MDAN Dual discharge NH₃ evaporators (stainl. st./al.)	
	Area of use:	Low velocity freezer and chiller applications, refrigerated spaces
	Performance range:	1 TR - 17 TR
	Refrigerant:	NH ₃
	  	

	AGBK NH₃ Processing room unit coolers	
	Area of use:	Draught -free cooling of processing rooms above freezing
	Performance range:	2 TR - 12 TR
	Refrigerant:	NH ₃
	  	

Save 50 - 60% weight and refrigerant volume by using components made from stainless steel pipe and aluminum fins instead of hot-dip galvanized coils.

Pump Recirculated & DX Evaporators

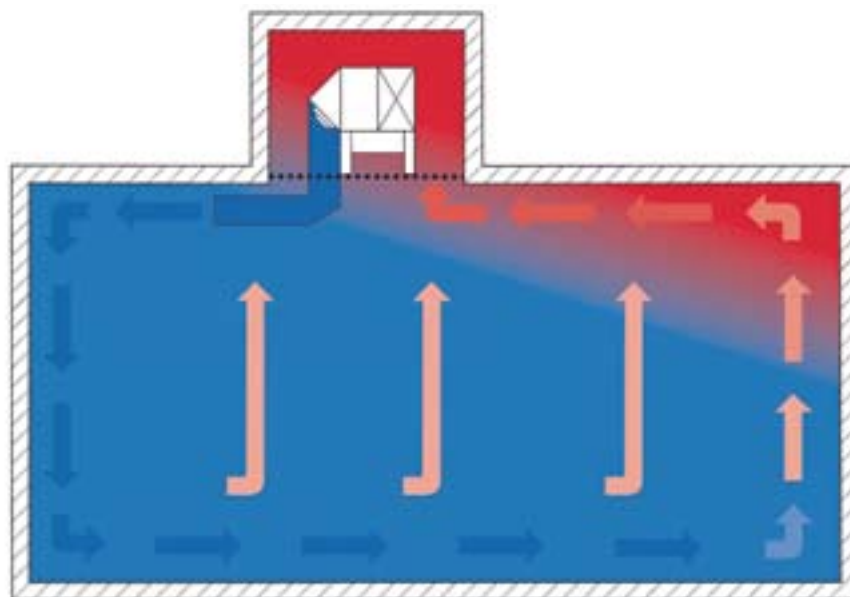
NH_3 , (R717)...





MANP Industrial Cooler (stainless steel/al.)

Area of use: Large, industrial freezer applications, refrigerated spaces (DC's)
 Performance range: 12 TR - 108 TR
 Refrigerant: NH_3



GHK.2 Steel Galvanized

Area of use: Medium-large, industrial freezer applications, refrigerated spaces
 Performance range: 5 TR - 45 TR
 Refrigerant: NH_3



Industrial Unit Cooler

NH_3





CXGHN CO₂ evaporators (DX)

Area of use: Medium · large freezer applications,
refrigerated spaces
Performance range: 1 TR · 35 TR
Refrigerant: CO₂



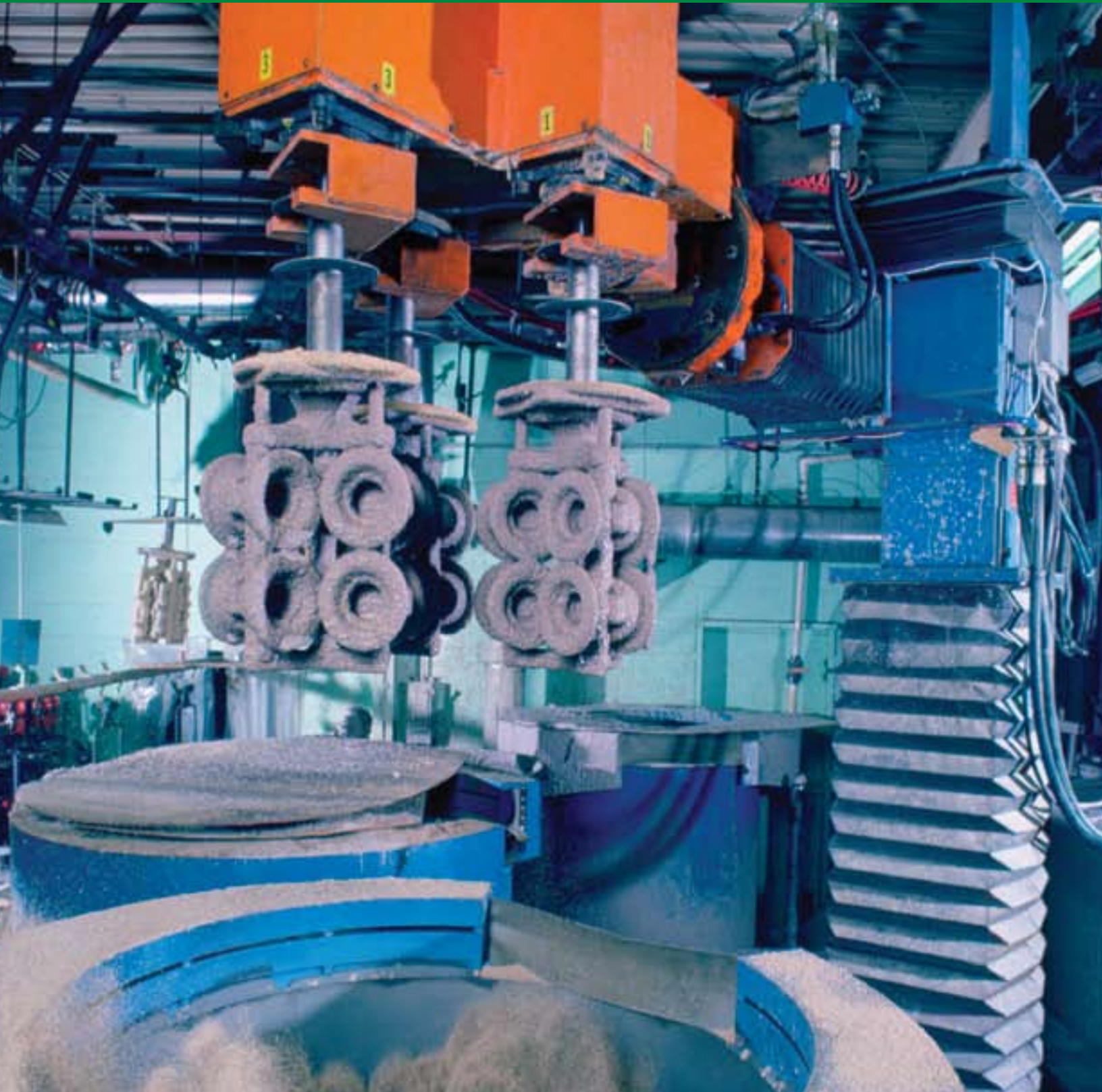
CPGHN CO₂ evaporators (pump)

Area of use: Medium · large freezer applications,
refrigerated spaces
Performance range: 1 TR · 40 TR
Refrigerant: CO₂



CO₂ Evaporators

CO₂





MFH/V Fluid coolers

Area of use: Heat rejection
 Performance range: 2 TR - 350 TR
 Refrigerant: Brine media



MFD Fluid coolers (V-Shape)

Area of use: Heat rejection
 Performance range: 20 TR - 360 TR
 Refrigerant: Brine media



GFW Fluid coolers

Area of use: Heat rejection
 Performance range: 20 TR - 200 TR
 Refrigerant: Brine media



Fluid Coolers

Brine Media





MGN Glycol unit coolers

Area of use: Medium - large freezer applications, refrigerated spaces
Performance range: 2 TR - 50 TR
Refrigerant: Brine media



MGF High efficiency glycol unit coolers

Area of use: Small - medium freezer applications, refrigerated spaces
Performance range: 1 TR - 30 TR
Refrigerant: Brine media



MDGN Dual discharge glycol unit coolers

Area of use: Low velocity freezer and chiller applications, refrigerated spaces
Performance range: 2 TR - 25 TR
Refrigerant: Brine media



MGBK Processing room glycol unit coolers

Area of use: Draught-free cooling of processing rooms above freezing
Performance range: 1 TR - 15 TR
Refrigerant: Brine media



Aircoolers

Coolants





A Wide Range



GCO Bare Coils

Industrial sector: Refrigeration, air conditioning, process application
 Area of use: Cooling, heating
 Heat media/coolants: All, including NH_3 and CO_2
 Dimensions (L x H): From 10" x 2" to 480" x 90"



Guntner, the wind tunnel expert



Bare Coils

HCFC's, Brines, Water, NH₃, CO₂, Oils...





Accessories



SM vibration dampers

Area of use: Vibration-dampers for condensers and fluid coolers
Performance range: For all sizes



Textile hose connection

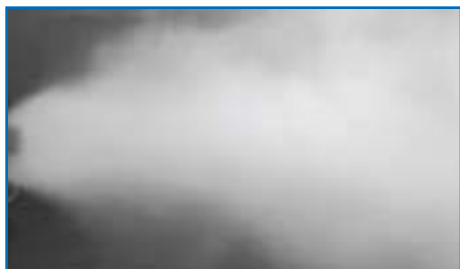
Area of use: Processing rooms, stores
Performance range: For all fans
From 16" to 32"



Guntner Streamers

Area of use: Chillers and freezer applications that require extended air throw
Performance range: For all fans
From 12" to 36"

Advantage: increases air throw without increasing operating costs



MHF without "Guntner Streamer"



MHF with "Guntner Streamer"

*Always there for you
call us at...*

847-781-0900

The Guntner Catalog

Would you like more detailed information about our products?

We would be happy to include you in our list of companies interested in our products and to send you our latest Catalog of product lines and further information on individual products.



Guntner software for thermodynamic calculation

The Guntner Product Calculator (MPC) helps you to locate products quickly and reliably and find the latest prices.



...or online

www.guntnerus.com



Notes

Notes

