



Heat Exchangers for HVAC, Marine and Special Applications





Heat exchangers specialist since 1981

For over 40 years, DBM has been designing and manufacturing **custom heat exchangers** for HVAC systems and high-performance industrial applications.

Today, we are among the leading European players in the sector, producing **over 40,000 units every year** and exporting **70% of our production worldwide**.

Thanks to our in-house engineering expertise, we support you from concept to delivery, ensuring full compliance with European and international standards.

More than products. Complete solutions.

Every project starts with listening and understanding your needs. Our goal is to provide practical, reliable answers to complex thermal challenges — combining precision, flexibility, and performance.

Each DBM heat exchanger is the result of a structured process that includes:

Application analysis

understanding requirements and operating conditions.

Regulatory compliance

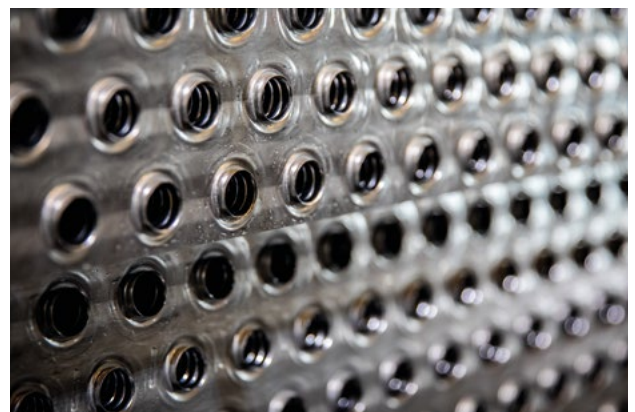
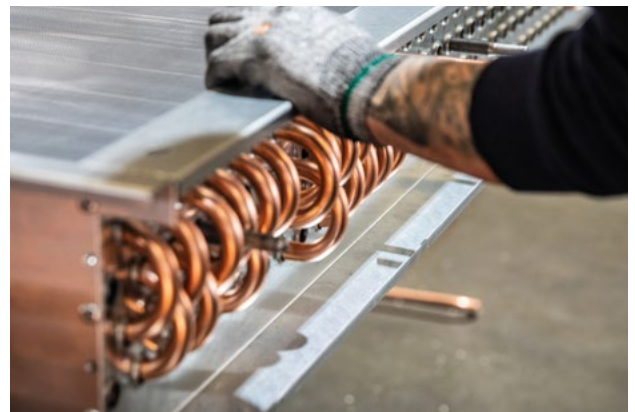
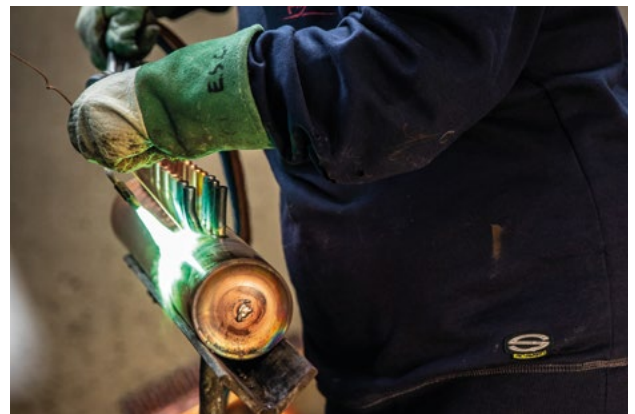
ensuring full alignment with technical and contractual standards.

Mechanical and thermal analysis

validating reliability, efficiency, and longevity.

Comprehensive quality control

identifying and managing every critical aspect of the project.



DBM is your technical
partner for turning
your needs into
engineered solutions.



Where precision meets performance

Precision, flexibility, and on-time delivery.

In our industry, reliability means more than product quality, it means **meeting every deadline**. Our streamlined production processes and solid logistics network ensure **timely deliveries** without compromising quality.

Every project is handled with care, from design to shipment, with one clear goal: **consistent performance, every time**.

Key figures:

Over



5.6 million

brazed joints per year



500.000

welded joints per year



10 million

meters of tubing
processed annually



1 million

heat exchangers produced
since our foundation





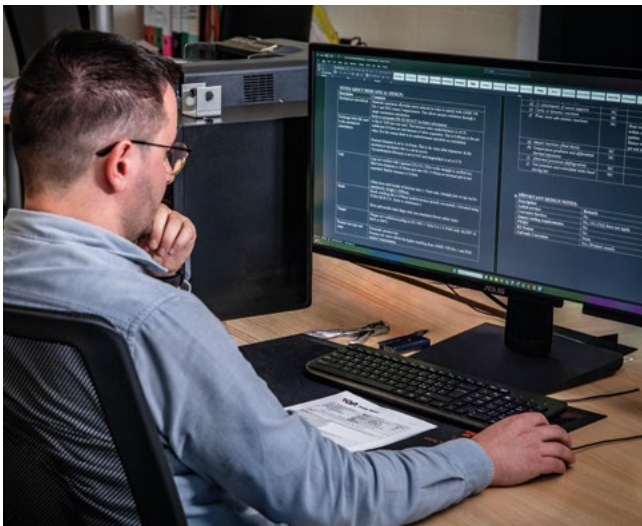
Engineering excellence for high-performance solutions

Research, development and proprietary software.

Our **R&D division** drives DBM's innovation.

We constantly invest in **technical research and product development** to deliver solutions that set new standards for performance and reliability.

Our **selection software** is developed internally or in partnership with leading universities, giving us full control, faster adaptability, and deeper technical insight.



We know the story behind every
number in our datasheets
because each figure is backed by
research, testing, and expertise.



Fields of application and products



Finned-pack heat exchangers

Water heating and cooling coils, evaporators, refrigerant condensers, diathermic oil coils and steam condensers. Available in a wide range of geometries, materials and sizes for HVAC and industrial applications.



High-efficiency energy recovery systems

Run-around high-efficiency energy recovery coils for HVAC applications, designed to achieve efficiencies $\geq 68\%$ according to EN 308 and compliant with ErP requirements.



Air tight heat exchangers for duct execution

Air tight heat exchangers designed for direct duct installation, ensuring minimal air leakage and high reliability in applications requiring strict air quality control.



Heat exchangers with high fin-pitch and defrost system

Heat exchangers with high fin pitch, designed to prevent frost accumulation and ensure stable operation. Available with integrated defrosting systems using hot water, hot gas or electric heaters.



Pumped liquid ammonia and CO₂ heat exchangers

Recirculating evaporators for ammonia (NH₃) and CO₂ applications, designed for systems where direct expansion is not suitable, ensuring stable operation and high heat transfer efficiency.



Spiral tube heat exchangers

For complex industrial processes. Fins are wrapped or welded around the tubes; suitable for operating temperatures above 400°C. Available in multiple materials and configurations.



Bare tube heat exchangers

Ideal for environments with fibers, oil, or dust. Easy to clean, used in energy recovery systems, paper manufacturing, and high-temperature processes.



Cleanable heat exchangers

Designed with removable headers for hydraulic circuit cleaning. Compliant with ASME VIII, EN 13445, AD2000, VSR, and other international standards.



Safety double-tube heat exchangers

For critical applications where downtime or leakage is unacceptable. Concentric tubes ensure leak containment and continuous operation, with integrated detection sensors.



Industrial heat exchangers for every application



Heating, ventilation and air conditioning

Cooling and heating coils using water, steam, diathermic oil, or refrigerants. Available in any size and in all materials used in this sector.



Heat pumps

Refrigerant evaporators and condensers, suitable for reversible operation.



Refrigeration system

Direct expansion or pumped evaporators for NH_3 , CO_2 , or nitrogen. Process temperatures down to -196°C . Several defrosting options available.



Marine and offshore

Our heat exchangers for maritime and offshore use feature titanium or CuNi90/10 tubes, ensuring corrosion resistance and reliable performance. Available as single pieces or sectional designs for retrofitting.



Data centers and clean rooms

Heating and cooling coils for Fan Filter Units (FFU) and air handling units. Supplied in various materials with stainless steel or powder coated frames.



Energy recovery

Run-around high-efficiency energy recovery coils for HVAC, also available in hygienic design compliant with VDI 6022.



Industrial processes

Heat exchangers for industrial processes operating under extreme conditions, including high temperatures, special fluids and demanding mechanical requirements.



Nuclear power plants

Heat exchangers for nuclear power plants in Class 2 and 3, nuclear and pressure risks.



Energy and oil and gas

Heat exchangers designed for energy production and oil & gas applications, suitable for high pressures, aggressive fluids and severe operating conditions.



Replacement and retrofit

Custom-designed heat exchangers for replacement and retrofit of existing HVAC and industrial systems, ensuring full dimensional compatibility and minimal downtime.

Where We Are D.B.M. S.p.A a socio unico

Via Ugo La Malfa, 10
28040 Varallo Pombia (NO) – Italia
P.IVA e C.F. IT00924020035
+39 0321 956794
sales@dbmcoils.com
www.dbmcoils.com



International commercial network

France

Trianon Echangeur
26 Rue Henri Simon Batiment D
78000 Versailles
Tel: +33 (1) 30 83 92 30
contact@trianon-echangeur.com
www.trianon-echangeur.com

The Netherlands

Icarus Heat Exchangers B.V.
Mr. Elmer Goode
Westerkade 27, 3016 CM
Rotterdam
Tel: +31 88 844 0000
elmer@icarus-hex-group.com
www.icarus-hex-group.com

Norway

DBM Nordic AS
Storgata 3, Rakkestad, Viken 1890
Tel: +47 90794290
post@dbmnordic.no
www.dbmnordic.no

Sweden

DBM Nordic SE
Tel: +46 73871 16 88
post@dbmnordic.se
www.dbmnordic.se