



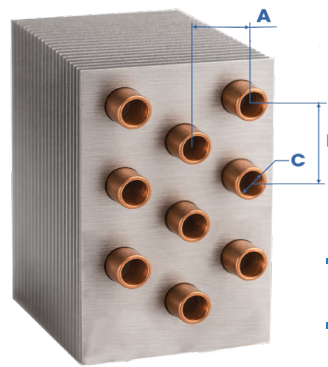
Heat exchangers for HVAC system

The DBM range of HVAC heat exchangers includes **water heating and cooling coils, refrigerant evaporators and condensers, energy recovery coils, diathermic oil coils, and steam condensers.**

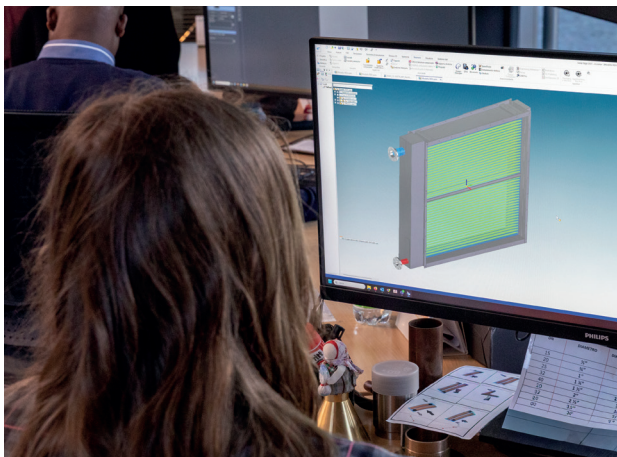
Each product is available in a wide variety of **geometries, sizes, and materials**, including **copper tubes with aluminium fins** and **fully stainless-steel configurations.**

The frames are **fully customizable** to meet different installation needs, ensuring faster and easier assembly within **Air Handling Units (AHUs).**

We also offer a broad selection of **accessories**, such as **condensate trays, eliminators, flanges,** and **corrosion protection coatings.**



	A	B	C
P25	21.65	25.00	9.90
P3012	25.98	30.00	12.45
P40	34.64	40.00	16.45



Proprietary selection software and DLL. Designed for specific applications

No two heat exchangers are the same.

Each unit is **individually designed and sized** for its intended application.

To ensure the perfect fit, we have developed **proprietary selection software** that enables engineers and designers to always identify the most suitable heat exchanger.

Our software – among the most advanced on the market – is available both as a **standalone version** and as a **DLL**, allowing for **seamless integration** with other software platforms.



Guaranteed performance



Our heat exchangers are **AHRI 410 certified "Forced Circulation Air Cooling and Air Heating Coils."**

This prestigious certification is awarded following rigorous evaluation by an independent research organization that regularly verifies that our products **meet or exceed** the specifications published in our technical catalogues and selection software.

Our **internal laboratory**, among the most advanced worldwide, enables **in-depth testing campaigns** to support our selection software.

The lab is also available for **critical project validation** and **joint optimization activities** with our clients.



Heat exchangers for HVAC system

Reversible coils

At DBM, we have extensive experience in the **design and manufacturing of reversible coils** for heat pumps using **low-GWP refrigerants** such as **CO₂, R32, and R290**, as well as traditional refrigerants and **azeotropic and zeotropic mixtures** such as **R134A, R410A, R507A, R717A, and R407C**.

All our designs can comply with **EN378** and **EN14276** standards.
Design pressure ranges from **24 to 42 BarG**.
For **CO₂ systems**, we also offer **special high-pressure configurations** up to **130 BarG**, with **stainless steel or CuFe2P tubes and manifolds**.



High-efficiency energy recovery systems

Our **energy recovery coils** achieve **efficiencies of 68% or higher**, in accordance with **EN 308**.

This performance is made possible by the **high-efficiency circuit design** and innovative fin profiles, which deliver outstanding effectiveness while maintaining **extremely low airside pressure drops**.

In many cases, a single coil meets both **ERP** and **VDI 6022** standards, providing significant design advantages for your **Air Handling Units (AHUs)**.



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