



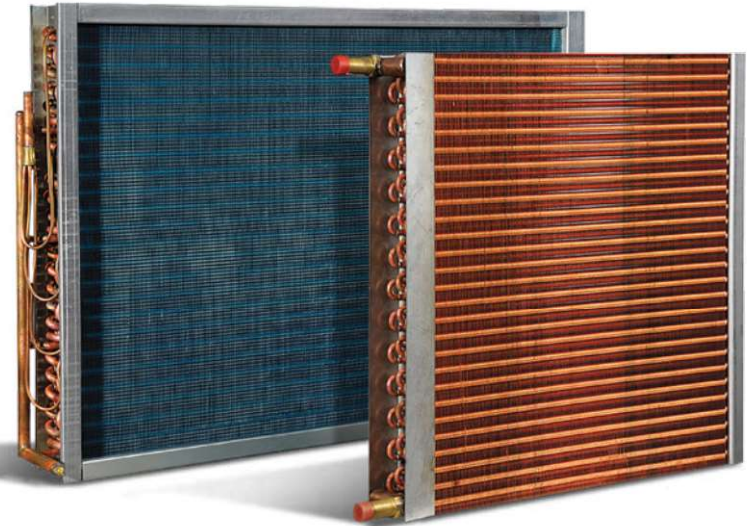
TERMOKAR Isıtma Soğutma Klima Cihazları San. ve Tic. A.Ş.
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Heart of Heat Transfer



Turkey's Heat Exchanger Producer

www.termokar.com





Vision

We aim to be among The Highest Quality, Innovative and Environmentally Friendly heat exchanger manufacturers of the world.

Mission

Termokar

As Turkey's global heat exchanger manufacturer,

We always keep our focus on Quality First,

We manage our activities by being Sensitive to Nature, Society and Environment,

We are reachable at any time with our Customer Orientation approach.

We offer innovative products to our customers with our Experienced Engineering and R&D Team.

We empower our customers with our Wide Product Range and

High Production Capacity.

We support our customers with our Short Leading Time.

We offer our products to every continent with our International Quality Certificates.

We fully support our products After Sales.

We are a Reliable heat exchanger manufacturer and your Global solution partner.

Values

Quality Focus

Reliability, Honesty and Fairness

Making a Difference

Collaboration

Sensitivity to Nature, Society and Environment.

Customer Focus

Quality Focus: Quality focus is a priority in all Termokar processes, because quality is the path to success.

Reliability, Honesty and Fairness: We approach society, customers, suppliers and our employees by being honest, fair, transparent and responsible. We are careful about the promises we make and act consistently.

Making a Difference: We believe that we can always do better by being open-minded, producing creative solutions, and with the power of difference.

Cooperation: We see each unit as our business partner. The value and trust we place in our business partners is the basis of our cooperation. We think together and make decisions together in all projects.

Sensitivity to Nature, Society and Environment: We monitor our external impacts and create regular action plans as a company that is sensitive to nature, society and the environment.

Customer Focus: We receive customer feedback regularly and evaluate our performance. We know that ensuring customer satisfaction is an important success criteria.



Heart of Heat Transfer



OUR GOAL IS TO HELP OUR CUSTOMERS GAIN A COMPETITIVE ADVANTAGE AND TO GROW THEIR BUSINESS THROUGH TERMOKAR PRODUCTS AND SERVICES.

With 20 years experience in manufacturing of heat exchangers and dry coolers, we create a real partnership experience that brings real and tangible value to all parties and creates mutual trust and customer loyalty beyond simple business transactions.

Our wide range of product portfolio of coils with different mold options, tube diameters, fin surfaces, materials and options, allows us to personalize our coils for all specific applications and fluids: heaters, coolers, condensers and evaporators for HVAC and various industrial applications.

As a recognized leader in the HVAC industry (by our customers and our competitors) for the production of high quality pipe and fin coil manufacturing, we continue to target the best with our experienced engineers and qualified staff.



TERMOKAR

DIFFERENCES OF TERMOKAR

As Termokar, we take part in all stages of projects, from idea to finished product, and find creative ways to improve projects. Termokar offers you **20 YEARS OF EXPERTISE, SPEED, TRUST AND QUALITY**; We show high performance with our high production capacity.

In our focus, we always keep **QUALITY AT FIRST!** As Termokar, we produce project-specific solutions by taking into account customer expectations, system requirements and environmental conditions.

We support our customers in their projects by offering **COMPETITIVE LEADING TIMES**.

We carry out our service with our principle of **"BEING AVAILABLE AT ALL TIMES"** for our customers.

Termokar has **WIDE PRODUCT RANGE AND HIGH PRODUCTION CAPACITY** to strengthen your business and projects! We offer you precise and reliable heat transfer solutions with products made from various pipes, fins and materials.

YOUR RELIABLE SOLUTION PARTNER Termokar... We meet our customers' expectations with the products and services we offer, produce quality products that meet their needs, and improve ourselves every day.

All coils produced by Termokar reach you after passing **DETAILED LEAKAGE TESTS**. Different types of tests can also be applied according to customer requests.

WE ALWAYS SUPPORT OUR PRODUCTS AS 100% TRUST APPROACH IN AFTER SALES.

Termokar has **CE, ISO ve EUROVENT CERTIFICATIONS.***

*for 2522, 3228 and 4035 Range- Heating and Cooling Coils



Termokar use **MCOILS SELECTION PROGRAM** is developed by UNILAB as the design program of heat exchangers.

Termokar has an **AUTOMATIC PRICE CALCULATION PROGRAM** for its coils.

Termokar heat exchangers, produced by **OUR EXPERIENCED OPERATORS AND ENGINEERS** in sizes and capacities suitable for your needs, provide you with the best performance.

Termokar round coils used in air conditioning systems for factories and businesses are **LONG-LASTING LIFE!** Products produced from aluminum lamella and copper pipes can be designed in mold geometries suitable for customer design.

Termokar marine coils, used thousands of pieces on just one ship, are **RESISTANT TO HARSH WEATHER CONDITIONS AND CORROSION**.

Termokar's heresite protective coated HVAC-R systems; Provides excellent protection for swimming pools, wastewater treatment plants, food processing plants, oil and gas industry and many other environments.

As Termokar, we are proud to take our place among the **"TOP 3 EXPORTING COMPANIES"** in the "Exchanger - Coil Export" category in the list announced by ISIB in 2022!

We monitor our carbon emissions and create action plans to reduce our carbon emissions every day in order to be **ENVIRONMENTAL FRIENDLY COMPANY**.

Termokar coils are **IN EVERY ASPECT OF LIFE WITH YOU!**

Our products are used in functional buildings from office buildings to markets, from hospitals to shopping malls.



OUR LOCATION IS

124 km distance to **Çeşme Port**, 36 km distance to **Alsancak Port**, 60 km distance to **Aliağa Port**

Convenient for sea transportation besides road.

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OUR GLOBAL AWARDS

As Termokar, we are proud to take our place among the "TOP 3 EXPORTING COMPANIES" in the "Exchanger - Coil Export" category in the list announced by ISIB in 2022!



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PRODUCTS

Our wide range of product portfolio of coils with different mold options, tube diameters, fin surfaces, materials and options, allows us to personalize our coils for all specific applications and fluids: heaters, coolers, condensers and evaporators for HVAC and various industrial applications.

Water Coils



DX Coils



Condenser Coils



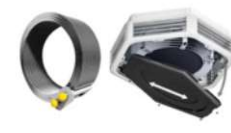
U Bended Coils



L Bended Coils



Round Coils



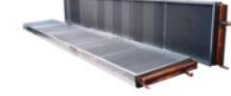
Vehicle Air Conditioning System Coils



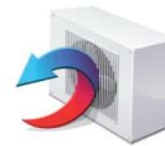
Showcase Fridge / Bottle Cooler Coils



Condenser Coils for Chillers



Heat Recovery System



Dry Cooler / LT-HT Radiators



Turbine Air Intake Cooling / Heating



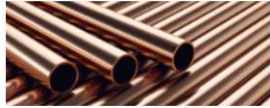
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GEOMETRIES

GEOMETRY	TUBES SPACING	ROW SPACING	TUBE DIAMETER	TUBE MATERIAL and WALL THICKNESS		FOIL THICKNESS	COLOR HEIGHT
				Cu	AL		
1916	19,00 mm.	16,45 mm.	7,00 mm.	0,28 mm. 0,30 mm. 0,35 mm. 0,40 mm.		0,10 mm.	1,6 - 3,0
						0,12 mm.	1,6 - 3,6
						0,15 mm.	2,1 - 4,2
						0,20 mm.	2,1 - 4,2
						0,10 mm.	1,6 - 3,2
2521 (2505)	25,00 mm.	21,65 mm.	5,00 mm.	0,25 mm. 0,30 mm. 0,35 mm.		0,12 mm.	1,6 - 4,2
						0,15 mm.	2,1 - 5,0
						0,20 mm.	2,1 - 5,5
						0,10 mm.	1,6 - 3,2
						0,12 mm.	1,6 - 4,2
2521 (2507)	25,00 mm.	21,65 mm.	7,00 mm.	0,28 mm. 0,30 mm. 0,35 mm. 0,40 mm. 0,50 mm.		0,15 mm.	2,1 - 5,0
						0,20 mm.	2,1 - 5,5
						0,10 mm.	1,6 - 3,6
						0,12 mm.	1,6 - 4,2
						0,15 mm.	2,1 - 5,0
2521	25,00 mm.	21,65 mm.	3/8"	0,28 mm. 0,30 mm. 0,35 mm. 0,40 mm. 0,50 mm. 0,70 mm.	0,60 mm.	0,20 mm.	2,1 - 6,0
						0,10 mm.	1,6 - 3,6
						0,12 mm.	1,6 - 4,2
						0,15 mm.	2,1 - 5,0
						0,20 mm.	2,1 - 6,0
2521 (2508)	25,00 mm.	21,65 mm.	5/16"	0,28 mm. 0,30 mm. 0,35 mm.		0,10 mm.	1,6 - 3,0
						0,12 mm.	1,6 - 3,6
						0,15 mm.	2,1 - 3,6
						0,20 mm.	2,1 - 3,6
						0,10 mm.	1,6 - 3,6
2522	25,40 mm.	22,00 mm.	3/8"	0,28 mm. 0,30 mm. 0,35 mm. 0,40 mm. 0,50 mm. 0,70 mm.	0,60 mm.	0,12 mm.	1,6 - 4,2
						0,15 mm.	2,1 - 5,0
						0,20 mm.	2,1 - 5,5
						0,10 mm.	1,6 - 3,6
						0,12 mm.	1,6 - 3,6
2525	25,00 mm.	25,00 mm.	3/8"	0,28 mm. 0,30 mm. 0,35 mm. 0,40 mm. 0,50 mm. 0,70 mm.		0,10 mm.	1,6 - 3,0
						0,12 mm.	1,6 - 3,6
3012	30,00 mm.	26,00 mm.	12,00 mm.	0,35 mm. 0,40 mm. 0,50 mm.		0,10 mm.	1,6 - 3,2
						0,12 mm.	1,6 - 4,0
						0,15 mm.	2,1 - 5,0
3026	30,00 mm.	26,00 mm.	3/8"	0,28 mm. 0,30 mm. 0,35 mm. 0,40 mm. 0,50 mm. 0,70 mm.		0,10 mm.	1,6 - 3,0
						0,12 mm.	1,6 - 3,6
3212	31,75 mm.	27,50 mm.	3/8"	0,28 mm. 0,30 mm. 0,35 mm. 0,40 mm. 0,50 mm. 0,70 mm.		0,10 mm.	1,6 - 3,0
						0,12 mm.	1,6 - 3,6
						0,15 mm.	2,1 - 3,6
3228	31,75 mm.	27,50 mm.	1/2"	0,32 mm. 0,35 mm. 0,40 mm. 0,50 mm. 0,70 mm.		0,10 mm.	1,6 - 3,6
						0,12 mm.	1,6 - 4,2
						0,15 mm.	2,1 - 5,0
						0,20 mm.	2,1 - 6,0
						0,10 mm.	1,8 - 3,0
4012	40,00 mm.	34,64 mm.	1/2"	0,32 mm. 0,35 mm. 0,40 mm. 0,50 mm. 0,70 mm.		0,12 mm.	1,8 - 4,5
						0,15 mm.	2,1 - 5,0
						0,20 mm.	2,1 - 8,0
						0,30 mm.	4,0 - 10,0
						0,10 mm.	1,8 - 3,0
						0,12 mm.	1,8 - 4,5
4035	40,00 mm.	34,64 mm.	5/8"	0,38 mm. 0,40 mm. 0,50 mm. 0,70 mm.		0,15 mm.	2,1 - 5,0
						0,20 mm.	2,1 - 8,0
						0,30 mm.	4,0 - 10,0
						0,10 mm.	1,8 - 3,0

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TUBE SPECIFICATIONS

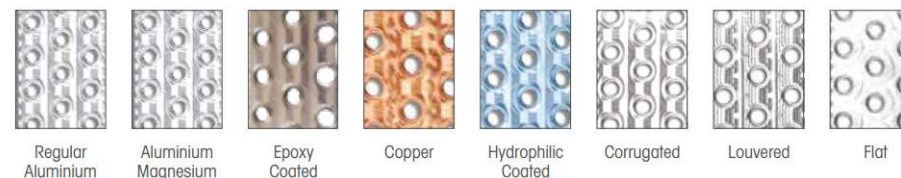
Standard Tube Materials		Tube Diameters	Available Wall Thickness
Copper 	15.88 mm.	(5/8")	0,38 mm. 0,40 mm. 0,50 mm. 0,70 mm.
	(5/16")		0,28 mm. 0,30 mm. 0,35 mm.
	12.70 mm.	(1/2")	0,32 mm. 0,35 mm. 0,40 mm. 0,50 mm. 0,70 mm.
	9.52 mm.	(3/8")	0,28 mm. 0,30 mm. 0,35 mm. 0,40 mm. 0,50 mm. 0,70 mm.
	12 mm.		0,35 mm. 0,40 mm. 0,50 mm.
	7 mm.		0,28 mm. 0,30 mm. 0,35 mm. 0,40 mm. 0,50 mm.
Aluminium 	5 mm.		0,25 mm. 0,30 mm. 0,35 mm.
		(3/8")	0,60 mm.

FINS: MATERIALS & SHAPES

Different types of coating can be applied depending on application areas and corrosion conditions.

Coils can be manufactured from copper, hydrophilic, or gold epoxy coated fins in our factory.

Depending on customer request, we can also apply heresite coating.

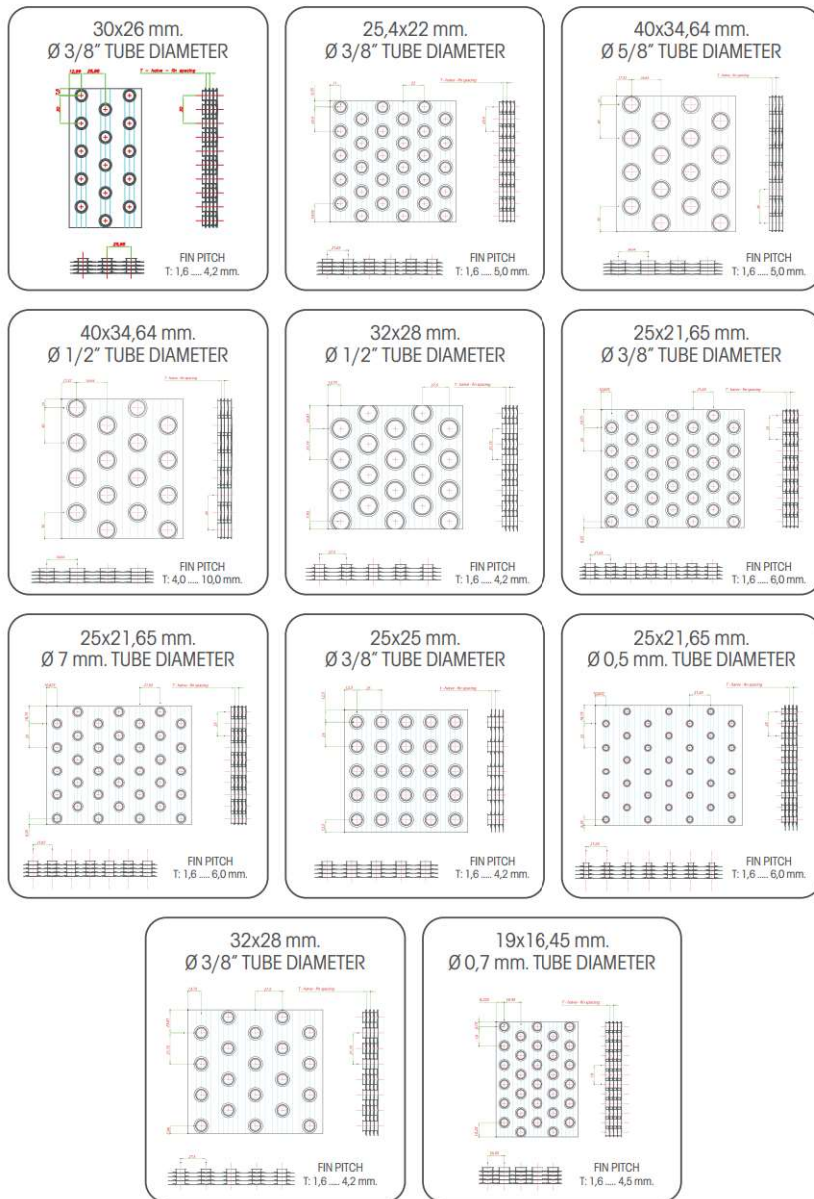


AVAILABLE FIN SURFACES

Fin surfaces can be manufactured as "flat", "corrugated" or "louvered" types in accordance with customer request.

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TUBE PATTERN



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Mcoils COIL DESIGN PROGRAM

Mcoils selection program is developed by Unilab as the design program of heat exchanger. This program is available for selections of water heating-cooling coils, steam coils, condensers and evaporators.



Mcoils SOFTWARE BASIC FEATURES:

- ✓ Different language options,
- ✓ Heating, cooling, condenser, evaporator coil designs,
- ✓ Various geometries,
- ✓ Various Lamelle materials, lamelle spacing and lamelle thickness options,
- ✓ To be able to design with various pipe materials and pipe diameters,
- ✓ Ability to design with different fluid options,
- ✓ To be able to keep design records,
- ✓ Saving design pages as PDF files,
- ✓ To be able to see design input data and output data on screen at the same time.

TERMOKAR AUTOMATIC PRICE CALCULATION PROGRAM



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CERTIFICATIONS



You can access the current versions of the following documents from the certificates section on Termokar website by scanning QR code.

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Heart of Heat Transfer

UNITED KINGDOM
HONG KONG
SLOVAKIA
MACEDONIA
POLAND
SWEDEN
FRANCE
GERMANY
CZECH REPUBLIC
TURKEY
RUSSIA
NETHERLANDS
GREECE
FINLAND
AUSTRIA
SPAIN
EGYPT
SAUDI ARABIA
BELGIUM
NIGERIA
UAE
IRELAND
ISRAEL
SINGAPORE
ROMANIA



Turkey's Heat Exchanger Producer