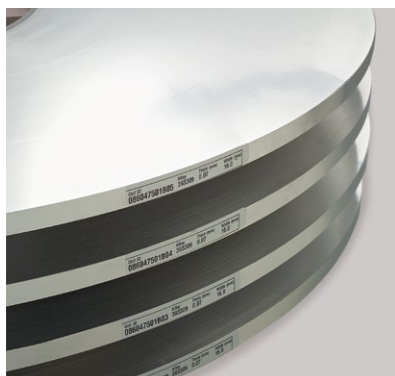
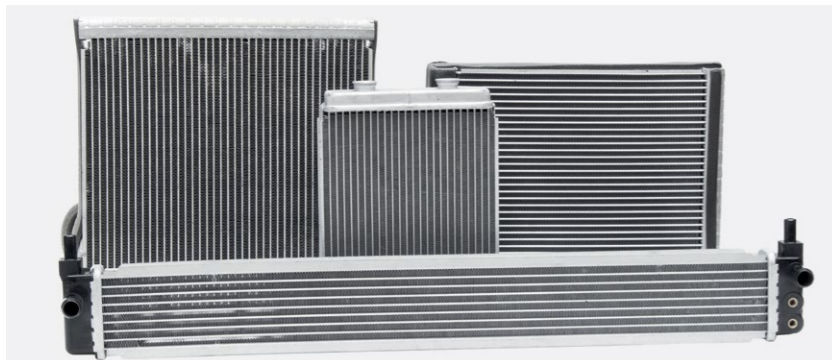


Aluminium for automotive heat exchangers

Passion for continuous improvement

High-end aluminium heat exchanger solutions

In the demanding automotive market of today, aluminium offers a remarkable set of benefits. Especially in the field of heat exchangers, its attributes make it a very favorable material. Aluminium's high thermal conductivity ensures maximum heat transfer at limited space. Its corrosion resistance characteristics provide long time and trouble-free performance in quite harsh and aggressive environments. Finally, the light weight of aluminium and its extensive use in cooling components significantly reduces the overall weight and cost of the vehicle.



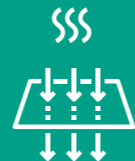
www.elval.com



Lightweight



Corrosion
resistant



Thermally
conductive



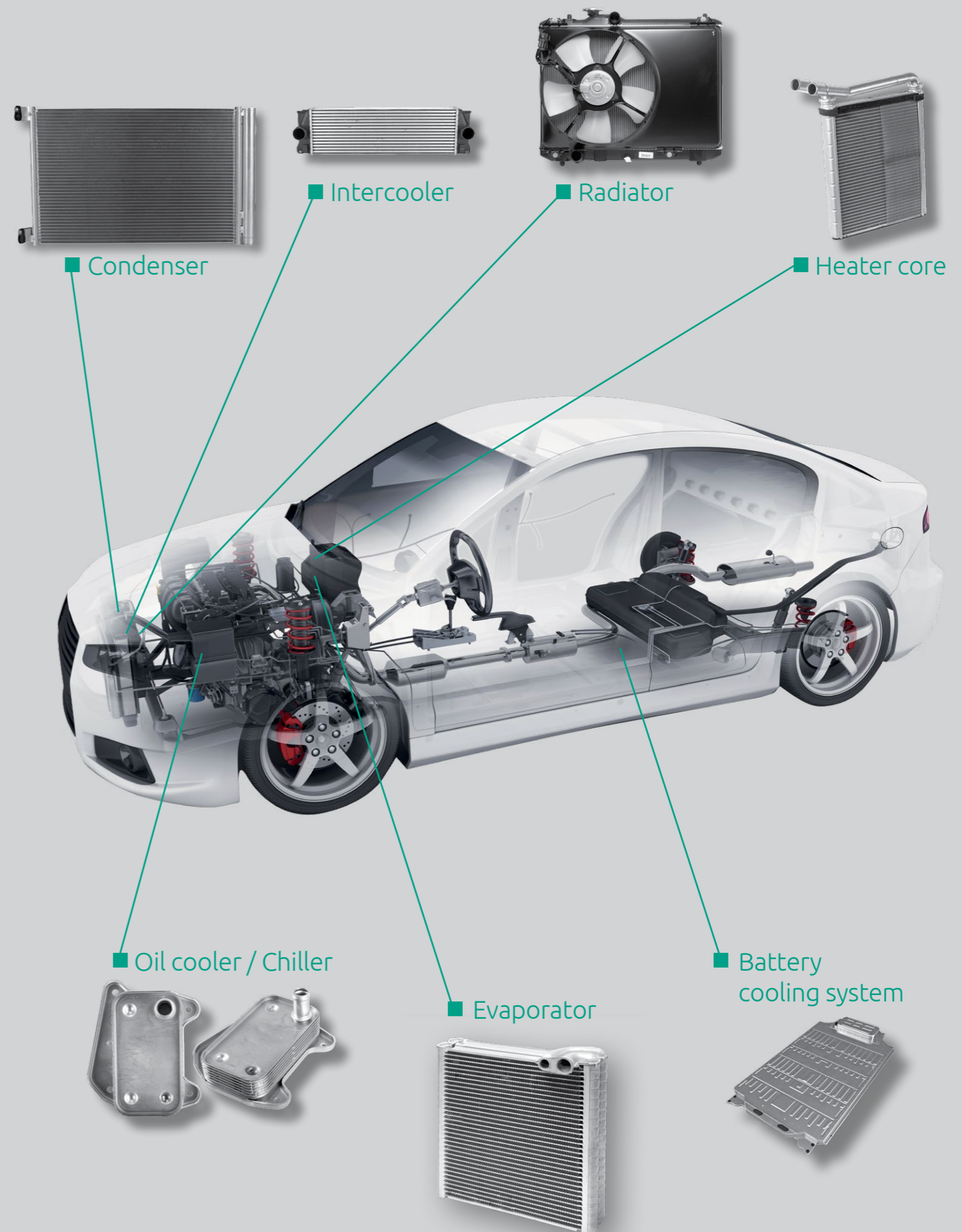
Recyclable



Cost efficient



Energy saving



Joined forces for long-life bonding

Quality, customer support, flexibility and product development are essential requirements for high end automotive heat exchanger manufacturers. The joint venture of UACJ and Elval is established to fully accommodate these requirements.

Elval is one of the leading suppliers of flat rolled aluminium products in Europe, operating a fully integrated plant with state-of-the-art equipment. Its expertise in metallurgy and its extensive know-how on rolling processes distinguishes Elval as an outstanding supplier in diverse markets.

UACJ Corp. is one of the top three aluminium rolling companies in the world and leader in the production of brazing strips for the Heat Exchanger (HE) industry. UACJ is renowned for its manufacturing capabilities, which include precision thickness technologies of the highest standards as well as extensive research and development for brazing strips.



Evolving on strong foundations

The unique mixture of highly skilled and experienced personnel combined with the modern technology existing in the plants of Elval and UACJ around the globe results in high-end customized solutions and services to our customers in the automotive industry (commercial car, heavy vehicle, truck, train and bus). From casting to final slitting, all production stages are performed in-house enabling a complete quality control and fine-tuning of products' key characteristics. Furthermore, with the recent investments in state-of-the-art hot and cold rolling technologies, Elval will not only increase its capacity but will also expand its production capabilities and product quality.

Carrying your needs, shaping your future

Elval is currently offering bare and clad multi-layer material with two or three layers, in a variety of alloy combinations and clad ratios that gives unique characteristics such as anti-corrosion, high strength and long life properties that are particularly valuable in the automotive industry. Cutting-edge equipment enables Elval to offer the full range of products that are essential in the industry (bare and clad, thick and narrow, DC or CC) serving all European and global markets with premium material for radiators, evaporators, condensers, oil-coolers, intercoolers etc.

Your co-pilot to excellence

Building on the strategic alliance with UACJ – market leader with advanced R&D -, Elval has developed over the years competencies in key fields of the industry, such as high precision slitting, alloy development and cladding. With this experience and know-how, Elval responds to the market need for extensive customer support and product development activities. Elval's technical support and R&D team work along with customers providing targeted and tailored solutions.

Aluminium Technology for the Future

Solving material challenges by superior quality, innovative, tailor-made solutions.

At the forefront of technological developments, Elval's Technology Centre along with ELKEME Hellenic Research Centre for Metals S.A., promote on-going R&D for future growth, through innovative processes, custom-made products and strategic partnerships with scientific bodies and pioneering companies around the world.



Elval

Elval is the aluminium rolling division of ElvalHalcor S.A., one of the leading flat rolled aluminium processors worldwide, and the only one in Greece.

Through continuous investment in R&D and an established global commercial network, Elval offers reliable, innovative and competitive solutions that meet the most demanding requirements of global customers.

Elval processes, manufactures and markets flat rolled aluminium products and solutions for diverse and demanding applications.

Elval serves various markets including:

- Transportation (sea, road and rail)
- Packaging
- Building and construction
- Energy
- HVAC&R (heating, ventilation, air conditioning and refrigeration)
- Industrial applications

Elval's aluminium rolling production unit is certified as per ISO 9001:2015, IATF 16949:2016, ISO 14001:2015, ISO 45001:2018 and ISO 50001:2011.

50 years experience
serving a global customer base

sales
in more than
8 countries


Sustainable products
designed for life

State-of-the-art

facilities


Reliable & dynamic
aluminium
solutions provider



ALUMINIUM ROLLING DIVISION of:



Contact us

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