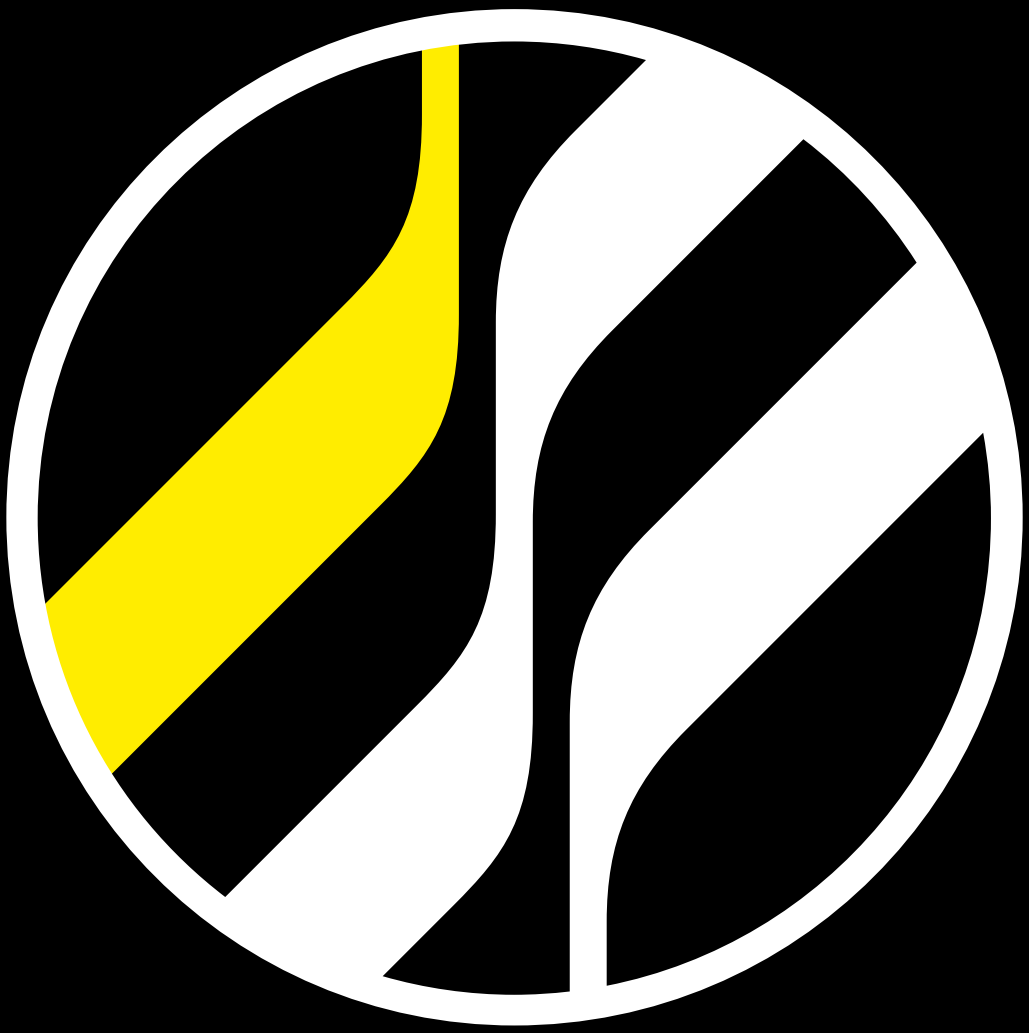
Kelvion



EXPERTS IN HEAT EXCHANGE
SINCE 1920

Kelvion

EXPERTS IN HEAT EXCHANGE – SINCE 1920

Welcome to Kelvion! Where Heat Exchange is our Business. We are one of the leading global manufacturers of heat exchangers and have been providing solutions for almost every industrial application imaginable since the 1920s, specializing in customized solutions suitable for extreme environmental conditions - as of 2015 under the name of Kelvion.

With one of the most extensive selections of heat exchangers in the world, we are a well-known partner in many industries, including transportation, energy, oil and gas, chemical, marine as well as food and beverage, data center and the HVAC and refrigeration technology sector. Our products include Compact Fin Heat Exchangers, Plate Heat Exchangers, Single Tube Heat Exchangers, Transformer Cooling Systems, Cooling Towers and Shell & Tube Heat Exchangers.

Our many years of experience and in-depth expertise have made us specialists in this field. Our heat exchangers are designed specifically to meet the needs of the respective machine or equipment system, ensuring outstanding energy efficiency and reliability in any market segment. This gives our customers a cutting-edge over their competitors while also reducing operating costs over the long term.

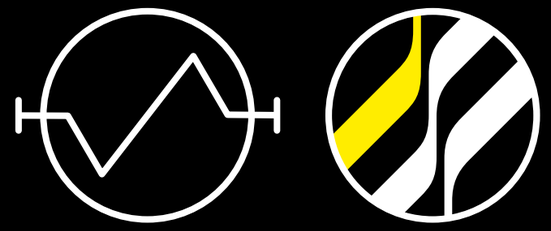
As your heat exchange partner, we understand that outstanding and reliable after-sales services are critical for you, our customer, and we work alongside with you in close partnership supporting you throughout the full life cycle of your plant and equipment to ensure lasting business success.

Kelvion – Experts in Heat Exchange.

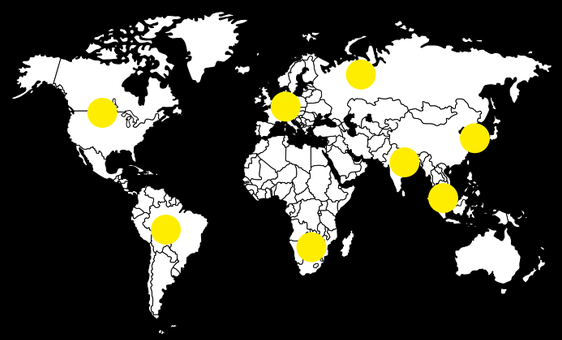
KELVION – A TRIBUTE TO LORD KELVIN (1824 - 1907)

Lord Kelvin formulated the laws of thermodynamics and absolute units of temperature are stated in kelvin, in his honor.

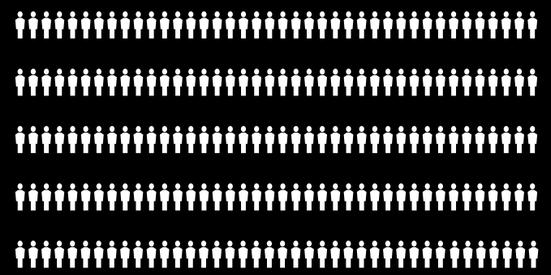
OUR LOGO – INSPIRED FROM THE SCHEMATIC FOR HEAT EXCHANGER



67 BRANCHES AND SALES PARTNERS WORLDWIDE



5,000 EMPLOYEES WORLDWIDE



YOUR MARKETS ARE OUR MARKETS

- Chemicals
- Data Center
- Food & Beverages
- HVAC
- Refrigeration
- Marine
- Oil & Gas
- Power
- Transportation
- ... and more

KELVION HAS A LONG HISTORY

2015 With the new name, the former GEA Heat Exchangers is writing its own history as Kelvion.

2014 GEA sells the Heat Exchangers Segment to Triton.

2010 Reorganization of GEA's 9 Divisions into technologically distinct Segments. The largest segment is the Heat Exchangers Segment.

1999 In April 1999, GEA was acquired by mg technologies AG

1920 Foundation of GEA in Bochum by Otto Happel sen. (Born 1882)

Kelvion

EMBRACE
OUR PAST.
BUILD OUR
FUTURE.

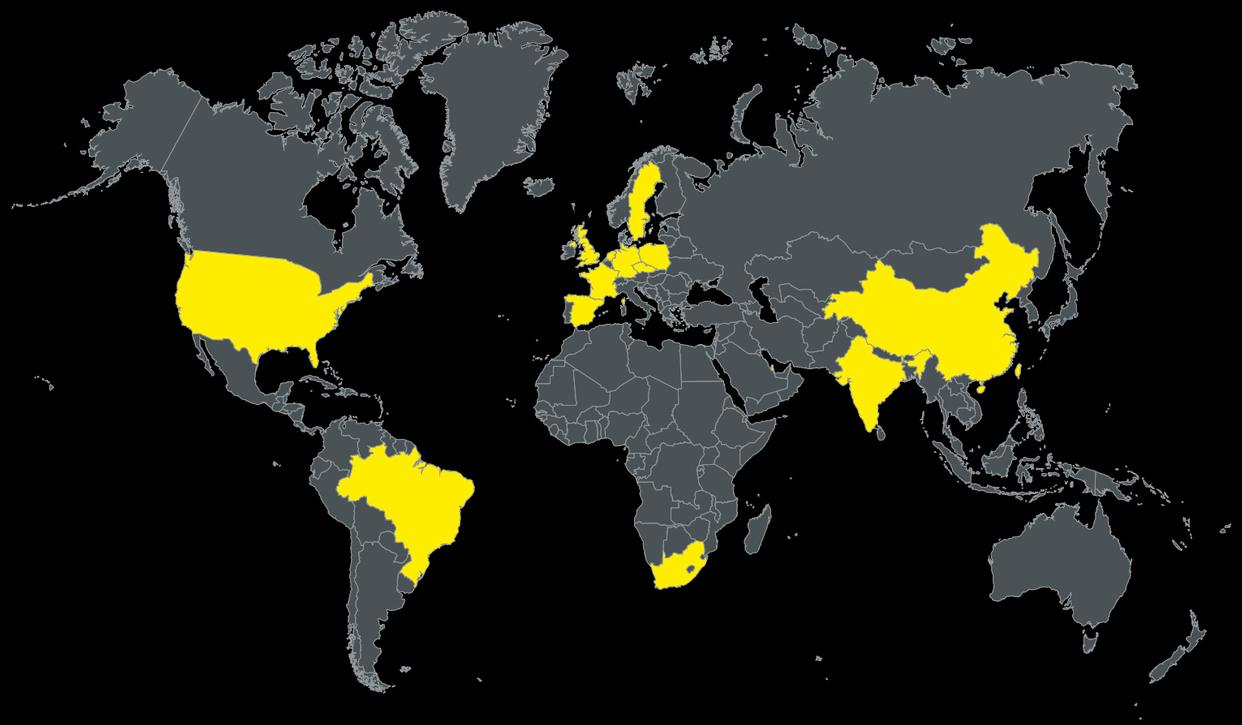
160

YEARS OF
EXPERTISE

Kelvion Heat Exchangers

GLOBALLY ACTIVE AND STILL CLOSE BY

No matter where your market is, regardless of country, we are never far away.
We are always happy to answer any questions you may have and meet your requirements.
Even the largest, most successful project begins with an initial, profitable conversation.
We look forward to hearing from you.



5,000 EMPLOYEES WORLDWIDE

BRAZIL

Franco da Rocha
- Air Dryers & Economizers
- Air Fin Coolers Alu
- Closed Circuit Coolers
- Gasketed Plate Heat Exchangers
- Shell & Tube Process
- Shell & Tube Steam

CHINA

Wuhu
- Air Dryers & Economizers
- Brazed Plate Heat Exchangers
- Gasketed Plate Heat Exchangers
- Closed Circuit Coolers
- Commercial Air Coolers
- Dry Coolers
- Engine Air & Gas Coolers
- Radiators
- Shell & Tube Double Safety
- Transformer Oil Air Cooler
- Transformer Oil Water Coolers & Pumps

Changshu
- Air Cooled Condensers
- Air Fin Coolers Alu
- Shell & Tube Steam

GERMANY

Herne
- Closed Circuit Coolers
- Engine Air & Gas Coolers

Monzingen
- Aluminium Blocs
- Shell & Tube Double Safety
- Shell & Tube Single
- Transformer Oil Air Cooler
- Transformer Oil Water Coolers & Pumps

Nobitz-Wilchwitz
- Brazed Plate Heat Exchangers

Sarstedt
- Fully Welded Plate Heat Exchangers
- Gasketed Plate Heat Exchangers

FRANCE

Wingles
- Cooling Towers
- Dry Coolers & Radiators
- Shell & Tube Single & Process
- Transformer Oil Air Cooler

Nantes (PES)
- Air Cooled Condensers
- Air Fin Coolers Alu
- Diffusion Bonded Heat Exchangers

INDIA

Pune
- Air Cooled Condensers
- Air Dryers & Economizers
- Air Fin Coolers Alu
- Aluminium Blocs
- Closed Circuit Coolers
- Desublimators
- Fully Welded Plate Heat Exchangers
- Gasketed Plate Heat Exchangers
- Radiators
- Shell & Tube Steam

NETHERLANDS

Almere
- Engine Air & Gas Coolers
- Shell & Tube Double Safety
- Shell & Tube Single

Doetinchem
- Closed-Loop Cooling Towers
- Modular Cooling Towers

Sint Maartensdijk
- Customized Air Coolers

POLAND

Opole
- Air Dryers & Economizers
- Air Fin Coolers Alu
- Air Fin Coolers HDG
- Desublimators
- Fully Welded Plate Heat Exchangers
- Shell & Tube Process
- Shell & Tube Single
- Transformer Oil Air Cooler

Świebodzice
- Coils
- Commercial Air Coolers
- Condensers
- Dry Coolers
- Engine Air & Gas Coolers
- Radiators

CZECH REPUBLIC

Nymburk
- Commercial Air Coolers
- Customized Air Coolers

QATAR

Doha [Service Factory]
- Air Cooled Condensers
- Air Fin Coolers
- Shell & Tube

SPAIN

Igorre
- Air Dryers & Economizers
- Air Cooled Condensers
- Air Fin Coolers Alu
- Air Fin Coolers HDG
- Shell & Tube Process
- Shell & Tube Steam

SOUTH AFRICA

Germiston [Service Factory]
- Air Fin Coolers
- Shell & Tube Process
- Shell & Tube Steam
- Cooling Towers
- Gasketed Plate Heat Exchangers
- Welded Plate Heat Exchangers
- Brazed Plate Heat Exchangers
- Transformer Cooling Systems

SWEDEN

Ystad
- Gasketed Plate Heat Exchangers

UNITED KINGDOM

Fareham
- Commercial Air Coolers
- Condensers
- Customized Air Coolers
- Dry Coolers
- Radiators

UNITED STATES

Catoosa
- Air Dryers & Economizers
- Air Fin Coolers Alu
- Brazed Plate Heat Exchangers
- Gasketed Plate Heat Exchangers

Knoxville
- Dry Coolers
- Condensers
- Commercial Air Coolers

Burkesville [Rocore]
- Shell & Tube Single

Franklin [Rocore]
- Aluminium Blocs
- Closed Circuit Coolers

Kelvion Heat Exchangers

YOUR MARKETS ARE OUR MARKETS

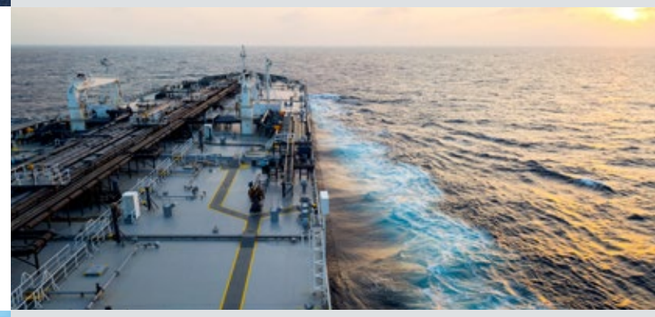
The markets in which we operate together are among the most important in the world, namely: energy, oil and gas, chemicals, transportation and marine, food and beverage, refrigeration, data center and HVAC. We provide every single market segment with solutions of outstanding efficiency, safety and sustainability.

REFRIGERATION

Refrigeration has made it possible to enjoy fresh food all year round, however far it has to travel to reach the consumer. It also plays a major role in keeping down the temperature in the global healthcare, commercial, industrial, residential and leisure sectors.

MARINE

The marine industry plays a crucial role in linking the global economy – more than 90 percent of the world's goods are carried by sea.



CHEMICALS

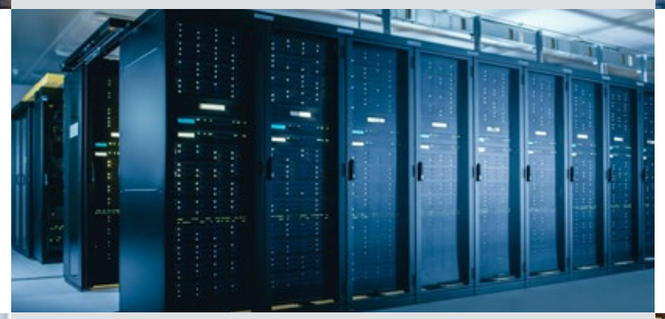
Food, fuel, medicines, fertilizers, plastics, soap, batteries and smart phones – almost everything we manufacture or extract from the earth is connected to chemistry. The chemical industry is one of the most innovative and fastest-growing sectors, with 70 percent of its output being used by other industries worldwide.

OIL & GAS

Oil and natural gas are essential to modern life. As well as being the main sources of energy worldwide, they provide the raw materials for thousands of everyday products – from electronic devices and clothing to medicines and household cleaners.

DATA CENTER

Data centers house all of your company's vital information and run your most critical processes. The computers and servers they contain have a low tolerance to changes in temperature and humidity.
Our advanced heat transfer technology can safeguard your data centers and maintain your peace of mind.



POWER

Increasing worldwide demand for energy, combined with diminishing supplies of fossil fuels and the need to reduce the risks of climate change, are driving an upsurge in renewable solutions for generating power. By 2040, power generation by renewable energy is forecast to equal that provided by coal and natural gas.

FOOD & BEVERAGE

More and more people are able and willing to purchase not only fresh food, but also food and beverage products that have been processed reliably and with superior quality.

TRANSPORTATION

Rail systems are a vital part of the global transport network. Demand is growing worldwide as urban areas – and their populations – expand. Whether transporting people or goods, railways need to be reliable, punctual, safe and affordable for all users.

HVAC

Hospitals, offices, shopping centres, factories and houses – just about any building you could name requires some form of heating ventilation and air-conditioning (HVAC) system.

... AND MORE

The industries in which you and we together operate are among the most important in the world. We provide solutions of outstanding efficiency, safety, and sustainability.

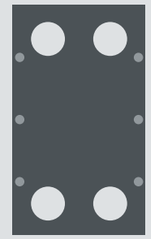
Kelvion Heat Exchangers

OUR SOLUTIONS FOR YOUR APPLICATION

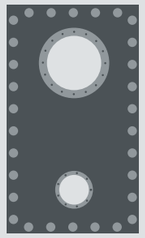
We offer our customers one of the world's largest product portfolios in the field of heat exchangers. It includes individual solutions for practically all conceivable applications and complex environmental conditions: plate heat exchangers, shell and tube heat exchangers, compact fin heat exchangers, cooling towers, single tube heat exchangers and transformer cooling systems.

Cooling Towers

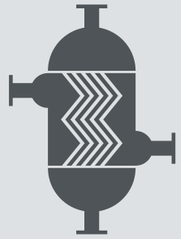
Brazed Plate Heat Exchangers



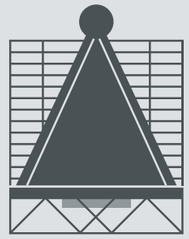
Gasketed Plate Heat Exchangers



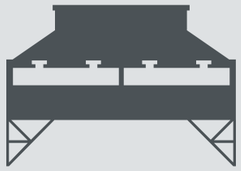
Welded Plate Heat Exchangers



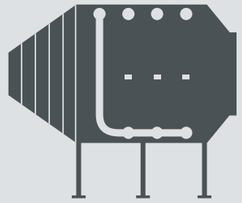
Diffusion Bonded Heat Exchangers



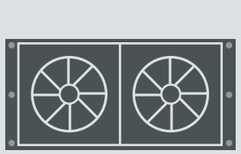
Air Cooled Condensers



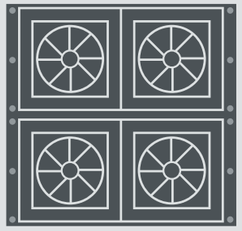
Air Fin Coolers



Air Dryers



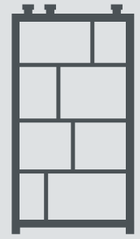
Commercial Air Coolers



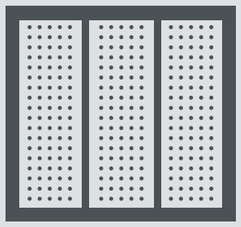
Customized Air Coolers

Condensers, Dry Coolers & Gas Coolers

Economizers



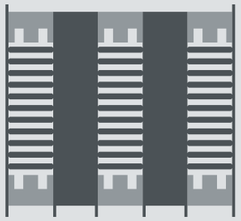
Air Preheaters



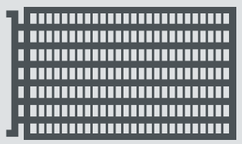
Air to Air Heat Exchanger

Box Coolers

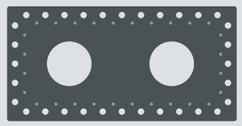
Radiators



Aluminium Blocs



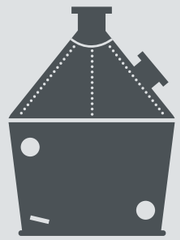
Coils



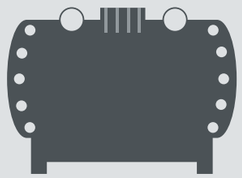
Closed Circuit Coolers

Shell & Tube Double safety

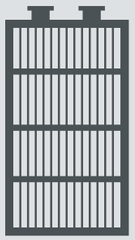
Shell & Tube Single



Shell & Tube Process



Shell & Tube Steam



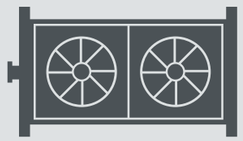
Compressor Coolers

Recirculation Coolers

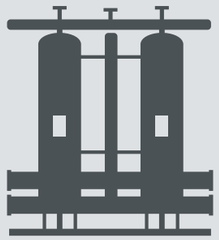
Exhaust Gas Recirculation Coolers

Charge Air Coolers

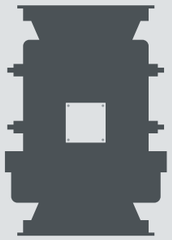
Desublimators



Transformer Oil Air Coolers



Transformer Oil Water Coolers



Transformer Oil Pumps

COMPACT FIN HEAT EXCHANGERS

Our product categories in the compact fin heat exchanger range is versatile as well as efficient. It incorporates customized air coolers, commercial air coolers as well as condensing units and recoolers for industrial applications in the refrigeration and air conditioning sector – driven by our global research & development team. Many years of experience in manufacturing radiators, closed circuit coolers, pressure gas cooler and many more made us to a specialist for your needs.

AIR COOLERS

In addition to our complete product portfolio of commercial air coolers, which can be selected in our product configurator, we also offer non-standardized equipment as well as customized industrial and OEM solutions. Numerous variants and a comprehensive range of accessories guarantee the corresponding air cooler for your specific requirements.

Variable
Commercial and customized air coolers

Application-oriented
e.g. for CO_2 applications up to 90 bar

Accessories
Numerous accessories available

CONDENSERS & GAS COOLERS

Based on a modular system, we offer condensing units and gas coolers with AC and EC fans that are available in different sizes and speeds. The devices are tailored to your exact requirements thanks to a variety of tube/fin systems. A wide range of fans ensures an optimal air volume, noise level and power consumption.

Variable
Large modular spectrum

Application-oriented
e.g. for CO_2 applications up to 130 bar

Accessories
Numerous accessories available

RADIATORS & DRY COOLERS

Our customized and energy modular radiators offer a rugged and reliable design. The modular, compact design with its high cooling capacity allows countless different models to fulfill your exact requirements. A large range of accessories rounds off this product line.

Variable
Modular and customized solutions

Application-oriented
e.g. with options such as adiabatic cooling

Additional options
e.g. integrated control

COILS

Heat exchanger coils are manufactured with copper tubes and aluminum or copper fins. Special fin designs, including a unique high performance design, as well as a perfect bond between the fin block and the tubes, guarantee maximum heat transfer between both fluids.

High temperature range
Up to 150°C

Unit dimensions
Up to 14 m

Individual
Customized and tailor-made

CLOSED CIRCUIT COOLERS

Closed circuit coolers are designed according to customers' requirements and assure exact compliance with their performance specifications. Our finned systems enhance heat exchange to the tube system and allow low material usage without performance loss. Our many official approvals and certifications allow us to design and manufacture closed circuit coolers for many and various applications.

Unit dimensions
Up to 14 m

Variety of material
Large selection of materials

Application-oriented
Individually tailored finned tube systems

ALUMINIUM BLOCS

Stringent demands placed on cooler designs, e.g. high power density coupled with low weight, made the use of aluminium indispensable for heat exchangers. In the face of these demands, Kelvion introduced vacuum brazing technologies. This modern production method, which combines high power density and dimensional flexibility, enables cooling systems to be individually adapted to the respective operating conditions and installation criteria.

Individual
Product size freely configurable

High corrosion protection
Cathodic electrodeposition coating up to C5

Universally applicable
All common media types are possible

ENGINE AIR & GAS COOLER

Our charge air coolers and exhaust gas recirculation coolers, as well as our exhaust gas heat exchangers, also deliver a compelling performance with their economical operation and minimum space requirements. They are less susceptible to corrosion and contamination, and are easy to maintain and service. Of course, we can also adapt our coolers to specific motor designs, assembly specifications and operating conditions.

High temperature range
Up to 700°C

Variety of material
Large selection of materials

Application-oriented
e.g. as an exhaust gas heat exchanger or charge air cooler

PLATE HEAT EXCHANGERS

As the worldwide technology leader in the manufacture and development of plate heat exchangers, we have one of the most extensive product ranges on the market. Our product diversity varies from gasketed to brazed and even welded plate heat exchangers. This includes process-optimized series that are unique in their number and special functions. This makes us absolute specialists when it comes to developing tailor-made solutions for your applications.

BRAZED PLATE HEAT EXCHANGER

These offer optimized, cost-effective solutions with outstanding quality and reliability. Thanks to an automated production process, compact design, various sizes and a wide range of accessories available, we are able to look for the most economical solution for you and adapt it precisely to your requirements with customized connections. Copper, VacInox® and nickel in combination with embossed stainless steel plates are available as brazing material.

Temperature range
-196°C up to +200°C

Max. operating pressure
140 bar

Short delivery time
Standard stock units

GASKETED PLATE HEAT EXCHANGER

They stand for highly efficient heat transfer and flexibility. Service-friendly installation and gasket technologies make maintenance or cleaning procedures quick and easy. If your requirements should change, our apparatus can be adapted retrospectively to the new operating conditions. The variety of plate sizes, connection widths, corrugations and materials that are available allow us to provide a customized and cost-effective solution.

Temperature range
-45°C up to +210 °C

Connections
DN25 up to DN500

Heat exchanger surface
0,3 m^2 up to 4290m^2

WELDED PLATE HEAT EXCHANGER

Our welded plate heat exchangers, namely K°Bloc, K°Flex as well as REKULUVO and REKUGAVO deliver an impressive performance with their compact design, excellent thermal transmission coefficients and low investment costs. The design advantages come into play in areas in which load capacity is also required in addition to the output. Each series has its specific advantages and areas of application.

Temperature range
K°Bloc & K°Flex: up to 400°C
Rekuluvo & Rekugavo: up to 650°C

Max. operating pressure
K°Bloc: abs. Vakuum up to 50 barg
K°Flex: abs. Vakuum up to 100 barg

Heat exchanger surface
Largest Rekuluvo with
260,000 m^2 surface area

COOLING TOWERS

Kelvion designs, manufactures and maintains cooling towers for process and climate cooling. Our long lifetime and environmentally-friendly cooling towers stand out because of the complete quality policy we employ. Our wide cooling tower portfolio covers open evaporative cooling processes for any quantity of water.
Kelvion cooling towers combine a high cooling capacity with low energy consumption. The modules are supplied ready to use and they are easy to adjust to cooling requirements and the available space, whether they are operated singly or in-line. The cooling performance of these cooling towers is optimal and operation is problem free.

COOLING TOWERS

Our cooling towers are based on a modular system and can therefore be expanded and customized as required. There are also standard solutions available for various capacity requirements. The thermal performance of these cooling towers is optimized with regard to the use of cooling water and power consumption. Around 80% of our cooling towers are available as standard solutions, with the remaining 20% implemented according to customer specifications.

Technologies
Counterflow, Crossflow &
Co-Current Closed Circuit

Modular
Intelligent design and installation

Environmentally friendly
(Low-carbon) water cooling

SINGLE TUBE
HEAT EXCHANGERS

Our single tube heat exchangers are used in power stations, refineries, chemical and petrochemical plants, geothermal plants, the mining sector, heavy and light industries, as well as in a range of gas processes, and are individually tailored to customer-specific applications. They are available in a wide variety of materials and are the optimum solution for more efficient processes and lower operating costs.

AIR COOLED CONDENSERS

Air-cooled condensing units are engineered as products with various architectures and customized designs. The air-cooled condensing unit belongs to the recooling systems. In direct dry cooling, steam from the steam turbine passes through air-cooled fin tubes. The condensation water does not come into contact with the cooling air.

Quality
ISO 9001-2015 / API 661 (ISO 13706) / ASME VIII div1

Innovation
ACC MASH: Groovy fins (and BIWA) tubing

AIR DRYERS

Air dryers are available in a variety of materials and are thereby optimized for heavy industrial use with high temperatures and pressures. They are suitable for the highest hygiene requirements and environments with aggressive media thanks to fully stainless steel option. Elliptical tubes with hot dip galvanized fins is a robust solution for low pressure drop demanding processes.

Variable
Large selection of tubes and housings

Heavy Duty
Hot dip galvanized or laser welded fins are extremely durable

Smaller Ducting
Elliptical tubes generating lower pressure drop

AIR FIN COOLERS

Kelvion has been at the forefront of air fin heat exchange technology since 1920. This technology is ideal for processes that require the dissipation of high levels of heat and is used worldwide - in power stations, refineries, chemical and petrochemical plants, geothermal plants, the mining sector, heavy and light industries, as well as in a range of gas processes.

Certificates
Certified by all major oil and gas companies

Quality
ISO 9001-2015 / API 661 / ASE VIII div 1

Innovation
Groovy Fins, DIESTA, CW enhanced fin tubes

ECONOMIZERS

Our economizers enhance the efficiency of your system, reduce energy consumption and thus save money. Multi-stage dry/wet systems using both carbon steel and stainless steel components are available to give you an optimal solution with lowest cost. Adding a modularized option with integrated bypass gives you safe and proven solution for waste gas heat recovery.

Modular
Standardized economizers line EcoMi available

Dry & Condensing
Carbon steel and stainless steel solutions.

Safe
Gas bypass solutions

AIR PREHEATER

These industrial heat exchangers are used for heating and evaporation, for cooling and condensing, as well as for heat recovery. The wide range of available plain and finned tube systems, the compact design, high thermal transmission times (and thus small heat exchanger surfaces), the low noise level, the longest possible service lives and many other advantages besides characterize our air preheaters.

Variable
Large selection of tubes and materials

Compact
High thermal transmittance resulting in small heat exchanger surfaces

Heavy Duty
Hot dip galvanized or laser welded fins are extremely durable

AIRTOAIR

Our air-to-air heat exchangers are the first choice when it comes to using exhaust air to preheat fresh air. These are available in two versions, namely a lightweight solution that is suitable for use in a low to medium temperature range, and a robust solution that is suitable for applications with higher temperature ranges, higher degrees of contamination and external loads.

Efficient
Preheating of fresh air by the exhaust air

Technologies
AirtoAir Glued or AirtoAir Welded

Temperature range
up to 1000°C

SHELL & TUBE
HEAT EXCHANGERS

Shell & Tube heat exchangers are the most common design for many applications. We provide a wide variety of applications based on the most suitable design and materials to ensure a cost efficient and reliable solution. The full range includes standardized product lines with an optimal price/performance ratio, as well as customized designs for the most demanding tasks in the oil & gas, power generation, marine and refrigeration industries and many other sectors besides.

BOX COOLER

A Box Cooler is a vessel water cooling system. It comprises a U-tube bundle that is fitted in the sea chest on the side of a vessel, saving space in the engine room. The sea chest is equipped with inlet and outlet grids. Cooling sea water enters through the inlet grid and flows along the U-tube bundle to the outlet grid. The cooling effect is achieved by the forced circulation of sea water when the vessel is moving or by natural convection when it is stationary.

Design
Round, rectangular and stepped design

Efficient
On-board water system no longer required

Compact dimensions
Up to 2 m in length, Bundle depth up to 1.8 m

SHELL & TUBE PROCESS

The wide variety of industrial procedures and applications in the process industry requires extensive expertise when it comes to complex thermal and mechanical designs. We have decades of expertise and experience in manufacturing heavy equipment made of special materials that can withstand the most demanding operating conditions and we have a tailor-made solution for every situation.

Dimensions
Up to 60m in length and 6m in diameter

Variety of material
Large selection of materials

Variable
Modular and customized solutions

SHELL & TUBE DOUBLE SAFETY

Unlike a standard shell & tube heat exchanger, the tubes in double tube safety models have two walls, consisting of an inner and outer tube. They also have two tube sheets at each end. If a tube wall is damaged, the product flows through leakage channels arranged between the double tubes into a leakage collection space and triggers an alarm in the leak detection device. Because the second tube wall remains undamaged, the media are kept separate.

Certified
A large variety of design codes, classifications and regulations

Temperature range
From -200°C up to 550°C

Variety of material
Large selection of materials

SHELL & TUBE STEAM

To optimize the global efficiency of a power plant based on the Rankine Cycle, highly specialized steam engine condensers need to be integrated in order to help maximize the efficiency of the steam cycle, reduce primary energy consumption, minimize environmental impact, lower operating costs and increase the return on investment.

Capacity range
From 5 to 200 MW

Application-oriented
Numerous designs for your applications

Variable
Modular and customized solutions

SHELL & TUBE SINGLE

The single tube heat exchangers incorporate small to medium sized shell and tube heat exchangers in a single tube design for a wide variety of applications. The heat exchanger bundles can be designed with plain tubes, low or high-finned tubes or with compact finned tubes in order to achieve the highest possible degree of efficiency and compactness.

Certified
Certified to all major marine classifications

Universally applicable
Numerous media types are possible

Variety of material
Large selection of materials

DESUBLIMATORS

Since the invention of the PA switch condenser in 1954, we have continuously developed the mechanical construction and design of the process. In particular, we have adapted the specially developed fin tube system with its rectangular fins to the evolving PA process technology, whereby the focus was on the ever-increasing load of the reaction gas.

Efficient
With optimum pur
of the product

Environmental cc
optimized appara
and no use of solv

Innovation
Cooperation with
institutes and indu

DIFFUSION BONDED HEAT EXCHANGER

Kelvion's diffusion bonded heat exchangers are ideal for applications with extreme operating temperatures and pressures. Thanks to our decades of experience in the heat exchanger segment and our expertise in design and welding techniques, the diffusion bonded heat exchanger is suitable for pressures of up to 1,000 bar and temperatures ranging from a cryogenic -200°C to 600°C.

K°BOND

It enables significant savings in terms of weight and space requirements in comparison to conventional heat exchanger solutions.

Temperature range
Can withstand temperatures ranging from -200°C to 600°C

Operating pressure
Compelling performance with a pressure resistance of up to 1,000 bar

Compact dimensions
Requires up to 6 times less space than a shell and tube heat exchanger

TRANSFORMER COOLING SYSTEMS

Our range of transformer cooling systems can be supplied in different variants. The transformer oil is cooled by means of air or water. The corresponding product lines can be divided into three classes here, namely: Smart, Advanced and Premium. Whether you require a standard version mounted directly on the transformer tank or a customized free-standing transformer oil cooling system – our experts will advise you on all aspects of your system and help you choose the right cooling system for your requirements. Our pumps round off the product range for transformer oil applications.

TRANSFORMER OIL AIR COOLERS

Our range of transformer oil air coolers for forced oil cooling systems can be supplied in different mounting variants. The standard air cooler version is designed for direct mounting on the transformer tank. In addition, our range of products comprises free-standing transformer oil coolers designed to customer specifications.

Capacity range
From 100 up to 600 kW

Variable
Standardized and customized solutions

Corrosion protection
For all applications C3; C4; C5

TRANSFORMER OIL WATER COOLERS

Kelvion offers different material combinations for adaptation to the quality of the existing cooling water. Our Premium, Advanced and Smart series offer the necessary features for application adaptation to the required level of performance (DIN conformity, contamination reserve, cleanability).

Capacity range
From 40 up to 2000 kW

Corrosion protection
Waterside optimized for local conditions

TRANSFORMER OIL PUMPS

Transformers with forced oil cooling systems require reliable, glandless transformer oil pumps. Our extensive range allows you to make a selection that suits your specific requirements and ensures optimum operating conditions. These products are characterized by a simple and robust construction, whose compact design allows easy integration into the oil circuit. Maintenance-free versions available.

Capacity range
Up to 400 m^2/h

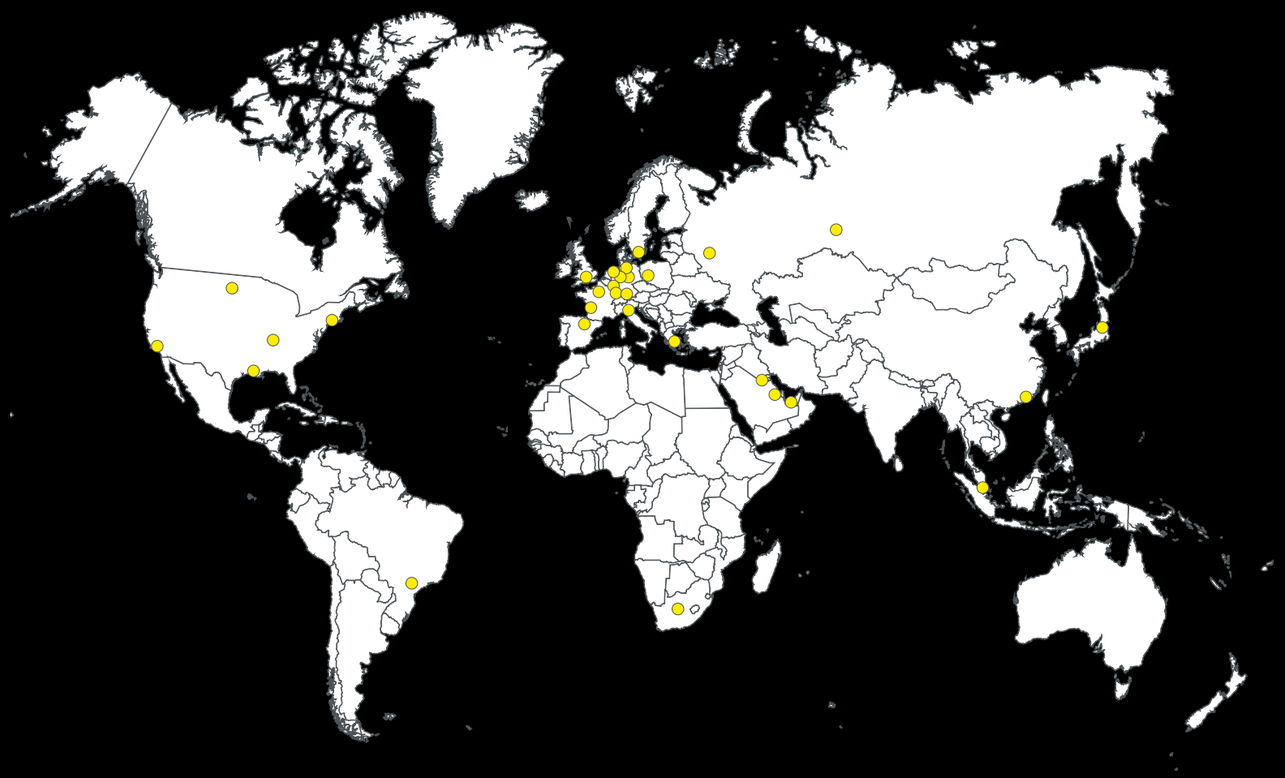
Variable
Different sizes for optimum adaptation to cooling system

Kelvion Service

YOUR RELIABLE SERVICE PARTNER

The Kelvion Service starts from our first contact with you and continues after your order has been delivered, with us as your reliable service partner. With many years of experience in the field of service management, along with our service centers worldwide, we can guarantee the satisfaction of our customers.

30 SERVICE LOCATIONS WORLDWIDE



START-UP SERVICES & ONSITE SERVICES
We ensure that our products are delivered safely and are fully validated to give a robust and reliable performance over as long a life cycle as possible.
And should you encounter a problem with your equipment after it is fully commissioned, our team of experienced Field Service technicians is at your disposal to come to your site to investigate and correct any malfunctions.

SPARE PARTS AND SPARE PARTS SOLUTIONS
Even the best equipment shows signs of wear over time. We use only the highest quality spare parts, designed to match the excellence of the originals. This ensures that the optimum interaction between components is maintained.
By safeguarding the original design, we offer maximum security of your investment.

MONITORING, CONSULTING & TRAINING
Knowledge of the equipment's condition allows you to secure reliable production, improve safety and energy efficiency, increase equipment lifetime and prevent breakdowns.
We offer consultancy services that take into account the special features of your process, making use of our profound design knowledge of heat exchange equipment. And we work closely with you to develop the exact solution that is best tailored to your needs.

REPAIRS, OVERHAULS & MAINTENANCE
Unscheduled downtime can be disastrous. That is why our trained engineers are ready to respond quickly in case of an emergency, and review and repair components while keeping any disruption to your production to a minimum. Any overhaul work is carried out quality-oriented in our service centers or on your site with the supervision of our qualified staff.
Regular inspections and maintenance help to reduce costs, extend the lifetime of your Kelvion products and achieve reliable performance.

UPGRADES AND REPLACEMENTS
We replace components to keep our heat exchangers running smoothly and to prevent downtime. Where parts or components have become obsolete due to age, we will suggest a suitable upgrade. In these cases, we can often also suggest new, state-of-the art technology which additionally enhances the performance and reliability of your process.

ALL BRAND SERVICE

Besides being experts in our own products and our former brand, we also have the expertise to service other brands.

PERFORMANCE AGREEMENTS

Performance Agreements are individually tailored service solutions that can include any of the services in our extensive service portfolio. Based on your specific needs, they maximize your return on investment, ensure continual performance excellence and make budgeting simpler.

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www.kelvion.com