FINNED TUBES AND HEAT EXCHANGERS
FOR GREATER EFFICIENCY
Whether for condensation or evaporation, clean or corrosive media, or the most stringent safety and hygiene requirements: tube and heat-exchange solutions can only be efficient if they’re precisely tailored to their specific application. This is why we continue to break new ground in heat transfer and forming technologies – by using a wide range of materials, customized designs, innovative surfaces, and reliable joining technologies. The result is a unique service portfolio guaranteed to exceed your expectations.
EFFICIENCY

FOR YOU, IT’S OUR GUARANTEE THAT WE CAN FULFILL YOUR EVERY REQUIREMENT.
FINNED TUBES

OPTIMIZED SURFACES FOR EFFICIENT HEAT TRANSFER

Finned tubes made by Wieland Thermal Solutions are produced from plain tubes that have undergone a forming process. They serve as highly efficient, compact, yet extremely stable heat exchangers. The surface of the tubes is perfectly matched to your intended application. What’s more, we have access to a broad spectrum of materials to ensure we use just the right material for your specific needs.

ENHANCED SURFACE TUBES

Optimized for use as condenser or evaporator tubes in shell and tube heat exchangers.

LOW FINNED TUBES

For controlling the temperature of gases and liquids, or for evaporating and condensing refrigerants.

MEDIUM HIGH FINNED TUBES

Ideal for use as compact coiled and bent elements in water heaters, oil coolers, and refrigerant condensers.

HIGH FINNED TUBES

For the efficient heating and cooling of gases in heating technology, as well as in machinery and plant technology.

SAFETY TUBES

Double-walled tubes with defined leakage paths for the safe separation of fluids such as drinking water, refrigerants, and oils.
HEAT EXCHANGERS

THE RIGHT SOLUTION FOR ANY REQUIREMENT

Heat exchangers made by Wieland Thermal Solutions are marked by their compact, yet highly robust design. In addition to our in-stock finned tube coils, we also offer customized versions of our heat exchangers. Our expertise in heat transfer and forming technologies – coupled with modern design and construction methods – flows into all of our products.

CUSTOMISED SOLUTIONS

We offer you unique competence in heat- and forming technology. Together with you, we develop the innovative heat exchanger geometry that clearly sets you apart from other manufacturers in terms of efficiency, space saving and service life.

STANDARD SERIES

For standard requirements we supply you a wide range of finned tube and coaxial heat exchangers ex stock. Each product is manufactured at our company and continually subjected to stringent tests, so that quality and efficiency are standard in your application too.

FINNED TUBE HEAT EXCHANGERS WRW/WRW-W

Storage heating, circulation heating of domestic water, protecting solid fuel boilers from overheating, or controlling the temperature of oils and emulsions: With our WRW series of heat exchangers, you are putting your trust in highly developed, compact solutions that are ready to install.

FINNED TUBE CONDENSERS WRK/WRKS

Hygienic and compact: WRK finned tube heat exchangers are ideal for the direct heating of heating and drinking water using refrigerants. The double-walled model, WRKS, offers particular safety against contamination.

COAXIAL HEAT EXCHANGER WKC/WKE

In coaxial heat exchangers, fluids are ideally conducted in counter-flow directions. The Wieland WKC and WKE series have been optimized for the condensation or evaporation of refrigerants and are used in reciprocator chillers and heat pumps.
PARTNER FOR YOUR FUTURE

GLOBAL PRESENCE
PROXIMITY YOU CAN COUNT ON

We recognized early on that sustainable success and customer proximity go hand in hand. As a global market leader in our industry, we operate production facilities in Europe, North America, and Asia. In addition, our sales offices across all continents ensure close contact with our customers – enabling us to effectively address regional requirements. The result: successful, long-lasting, and trusting relationships based on custom-tailored solutions and service concepts.

TECHNICAL SUPPORT
EXPERT GUIDANCE TAILORED TO YOUR NEEDS

With a unique combination of heat transfer expertise and design know-how, we partner with you to develop tailor-made solutions for your applications. We support you at all project stages: from the conceptualization of your components and equipment, all the way to production. And we continue to provide assistance throughout your products’ life cycle, with reliable and fast service and technical enhancements.

PRODUCTION SITES: Ulm, Germany · Esposende, Portugal · Wheeling, USA · Shanghai, China

487 dedicated EMPLOYEES

4

EMPLOYEES
PART OF THE STRONG WIELAND GROUP – a global leader in the manufacture of semi-finished and specialty products made from copper and copper alloys

QUALITY | WORKPLACE SAFETY | ENVIRONMENTAL PROTECTION
A CULTURE OF CONTINUOUS IMPROVEMENT

When it comes to quality, workplace safety, or environmental protection, we make absolutely no compromises. In addition, the Wieland Value Creation System drives us to continuously improve the quality of our products and services, the speed and cost-effectiveness of our manufacturing, the innovative potential of our processes, and the motivation of our employees. All these efforts lead to one goal: to offer you the best value for your money, today and tomorrow.

PRODUCT DEVELOPMENT
RESEARCH AND DEVELOPMENT FOR YOUR COMPETITIVE EDGE

Innovation is the driving force of our business. Every year, we invest over 5% of our revenues in research and development. Our development teams leverage state-of-the-art laboratory and testing equipment to push the boundaries in heat transfer and forming technologies. So that in the end, you can save energy, materials, and space.

THERMAL S
OUR KNOW-HOW FOR YOUR SHELL AND TUBE HEAT EXCHANGER DESIGN

The design software available on our ThermalS platform enables you to design your shell and tube heat exchanger most efficiently - based on our know-how, the latest findings of our lab research and using the knowledge of our network. This service is unique in the industry and allows you to save material, space and refrigerant and to reduce your costs in the end.

More information: www.wieland-thermalsolutions.com/ThermalS
INNOVATIVE SPIRIT. OUTSTANDING RESULTS.