

ZENT
PARTS

ENGINE RADIATORS
A/C CONDENSERS
HEATER CORES

ABOUT BRAND



Automotive spare parts under the ZENTPARTS brand are made for professional maintenance and repair of passenger cars, light commercial vehicles and trucks. ZENTPARTS automotive spare parts are produced by ATHS GmbH which is a German company. The company has acquired a tremendous experience after years of working with the aftermarket and interacting with spare parts manufacturers all over the world.

Understanding market demand in parts with ensured reliability for professional vehicle maintenance, the company implemented and launched the global quality assessment system. This system allows maintaining control over the commencement of production of parts for the aftermarket and guarantees professional users every part's operational life.

All ZENTPARTS manufacturing facilities are a part of the global quality assessment system for mass manufacturers (IATF 16949) and have a corresponding certificate issued by a European certification entity.

The brand's products are supplied mostly to workshops which carry out service and maintenance operations for vehicles of foreign makes. Starting from 2021, the products are also distributed across the retail network.

ARMTEK is the general distributor for ZENTPARTS in Europe and the EEU customs union. This company has the best possibilities for supplying spare parts to clients in the market. ARMTEK's offices are located in the EU, Russia, Belarus and Kazakhstan, the company possesses a wide trade and logistics network consisting of more than 160 outlets, 150 000 m² of automated warehouse area and its own fleet with more than 900 vehicles. ARMTEK provides daily high quality service to more than 65 000 clients (shops, workshops, fleets).



REPRESENTED
IN OVER 50
COUNTRIES



SUITABLE FOR
TRUCKS AND
PASSENGER
CARS



WARRANTY,
QUALITY
CONTROL



MANUFACTURE
SITES ARE EU
CERTIFIED



RANGE

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One of the important hubs of the vehicle engine water cooling system is the radiator. The engine radiator is used to maintain the operating temperature of the engine and protect it from overheating.

ZENTPARTS offers an extended range of radiators represented by 668 items which are available since 18.02.2022. What is more, 104 items will complete the existing range before the end of 2022.

All the components of ZENTPARTS radiators, whether it is a radiator core or an engine heat shield, including all connections and fasteners, are distinguished by meticulous part treatment and long service life.

Excellent cooling and increased service life are achieved by using premium quality components and high-tech manufacturing.



RANGE

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A/C radiators are heat exchangers, in most cases structurally mounted at the front of the vehicle, and they are the opposite of the A/C compressor. The major and the key function of an A/C radiator is to absorb heat with the help of a high-pressure refrigerant compressed to a liquid by the compressor. For this purpose, the refrigerant gas flows through condenser tubes and fins, releasing heat. At the same time, the pressure drops and the refrigerant changes into a liquid state.

A heater core is a conventional heat exchanger which ensures heat transfer from a heat carrier to the ambient air. This radiator is similar to the primary radiator which cools down the engine, and the radiator is connected and operated in the same way.

The radiator should be constantly heated to make the heater work, and this can be achieved by connecting it to the engine liquid cooling system.

A heater core is connected to the system in parallel with the primary radiator.



MANUFACTURE

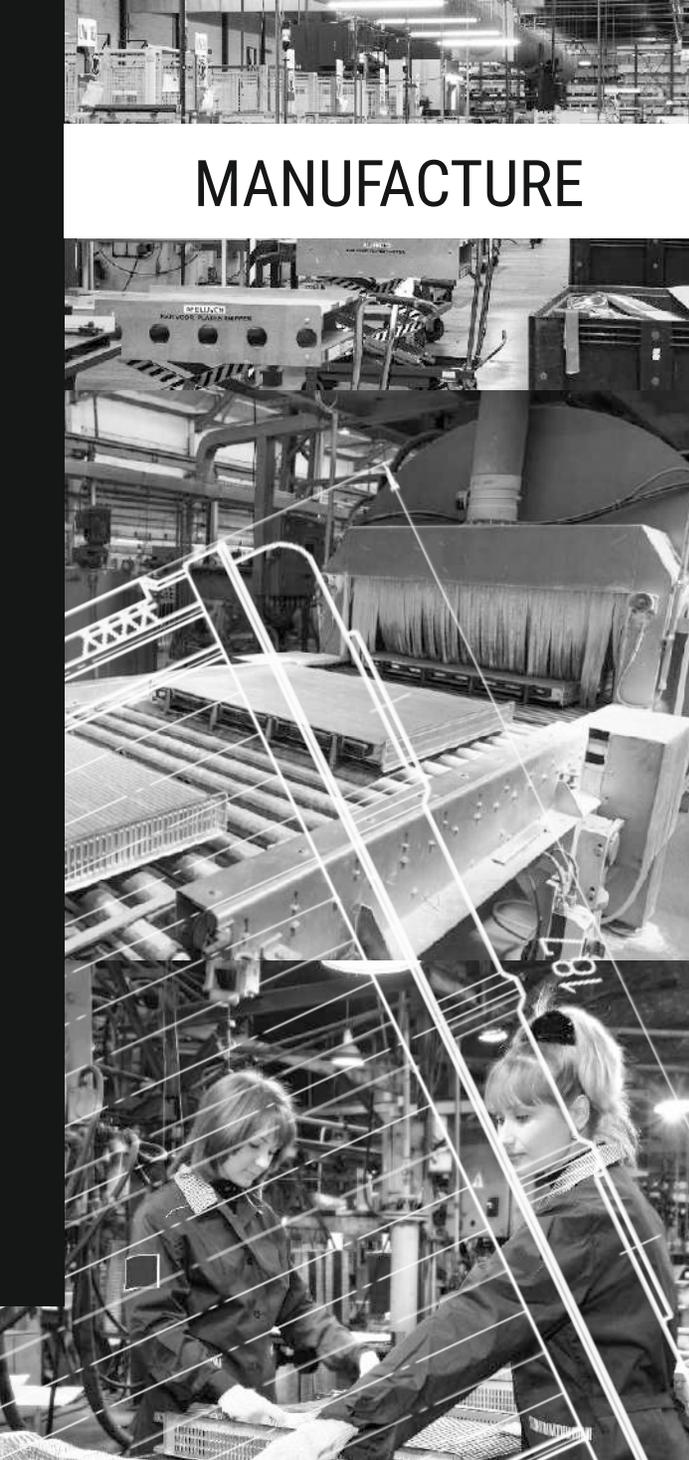
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The area of ZENTPARTS radiator manufacturing site is 62,000 m² with more than 500 employees involved and the most complete range of cooling products offered for all major car brands.

At the moment, the production programme includes over 10,000 modifications of parts covering radiators, condensers, intercoolers and heat exchanger components.

A mould and tooling design department has been established in the company, enabling it to design different products and monitor the quality of their manufacture.

The facility is also equipped with special high-tech equipment to carry out all the necessary analysis and tests to meet the requirements for the quality of each product.



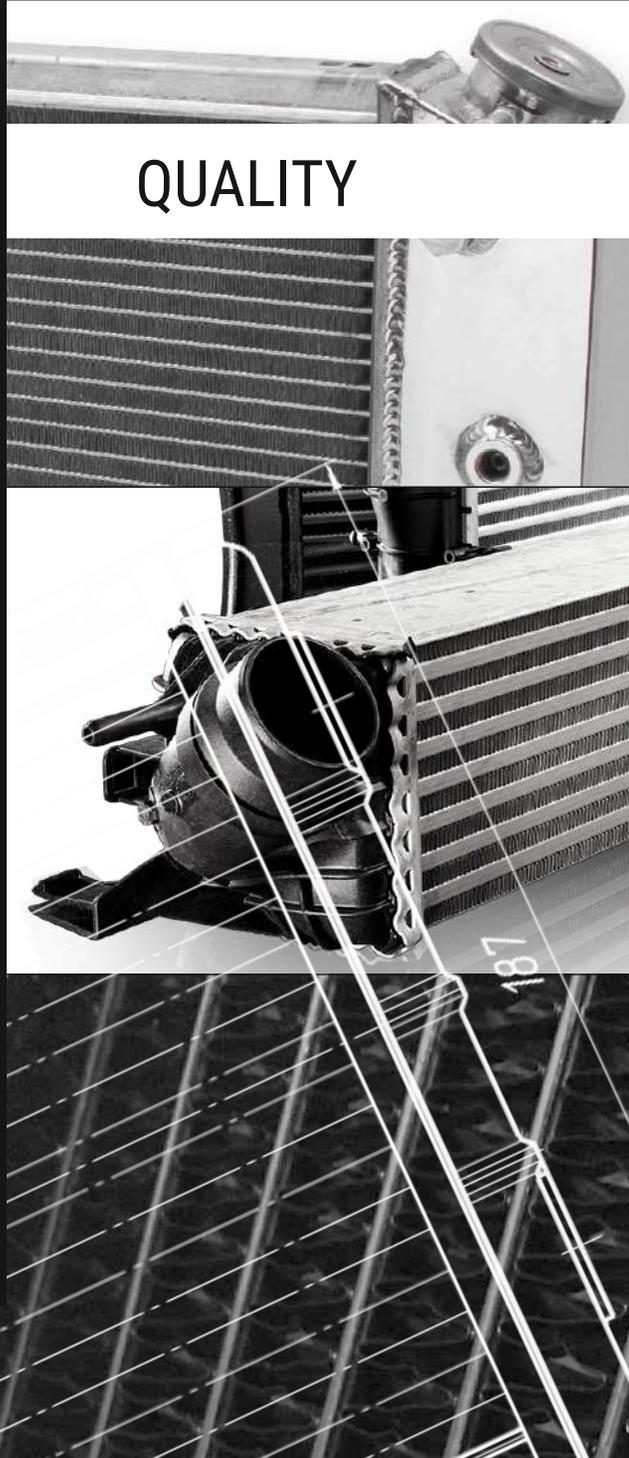
QUALITY

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ZENTPARTS radiators have high heat transfer efficiency, long service life and high build quality. They are made from high quality raw materials using advanced production machinery and equipment.

Radiator fin thickness is 0.8-1.0 mm, fin spacing is 2.7-2.8 mm. Tanks are made from PA66 reinforced with fibreglass, which makes the tanks more durable.

- ✓ Quality fin welding
- ✓ Quality clamping
- ✓ No fin deformation



QUALITY

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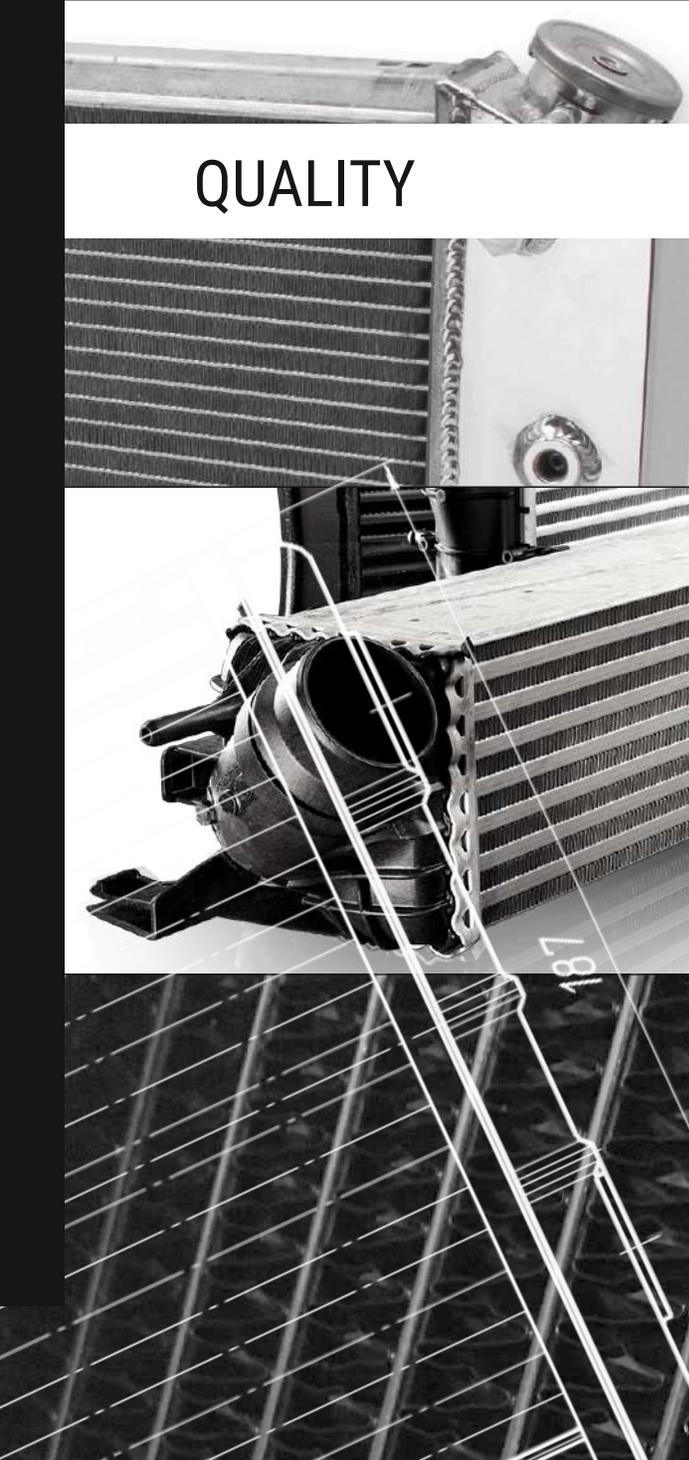
During the manufacture process of ZENTPARTS radiators, raw materials of the highest quality are used, experienced design engineers are involved, and all parts comply with the established technical and OEM requirements.

The quality is checked in the factory laboratories located on the manufacturing site, where the following tests are made:

- air resistance tests;
- temperature resistance tests;
- vibration tests of radiators and condensers;
- tightness tests;
- installation and overall dimension inspection;
- weld testing.

We carry out 100% product control at each stage of the product life cycle and after the final assembly.

The high quality of the products and the conformity of the mounting positions makes the installation of ZENTPARTS radiators an easy process.



ADVANTAGES

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- The quality of ZENTPARTS radiators is confirmed by the following available certificates:
- ✓ ISO 9001 (International standard that establishes requirements for enterprise quality management system (QMS)).
 - ✓ IATF 16949 (International industry standard and technical specification. The standard describes the requirements for quality management systems for enterprises involved in the design, development, production, installation and maintenance of automotive products).
 - ✓ ISO 14001 (International Standard for Environmental Management System Requirements).

A high level of product quality is achieved due to the high level of employee qualifications, quality control at each stage of the product life cycle (from the selection of suppliers of raw materials to inspection tests of finished products), constant modernization of the manufacture, modern equipment and the use of high-quality raw materials.

We offer ZENTPARTS radiators for passenger cars and commercial vehicles, and we are confident in the quality of ZENTPARTS products. Thus, we also provide full warranty support in accordance with warranty policies of our distributors.



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Please contact ZENTPARTS distributors in your area regarding availability and purchase of ZENTPARTS shock absorbers for commercial vehicles.

