RADIATORS
Choose better cooling with Nissens’ radiators

The radiator is considered the most crucial part of the vehicle’s cooling system protecting the engine and ensuring its optimal performance. Nissens manufactures radiators based on advanced aluminium brazing and develops three modern radiator technologies characterized by supreme cooling performance and extended durability.

Our Quality & Technology

- All Nissens’ radiators are high-quality products designed and manufactured 100% according to ISO 9001:2015, with the highest quality on the basis of the latest and most advanced technologies, including automatic manufacturing and assembly lines.
- To ensure our aluminium radiator cores, we rely on the Carburex Automatic Brazing (CAB) technology which ensures cooling units are extraordinarily strong and durable structures.
- The cores of Nissens’ radiators are produced with technically perfect, highly efficient double-folded fins with perfectly shaped surfaces and a small difference in thickness which ensures durability and high cooling performance.
- Nissens’ radiators are easy to handle and install. They smoothly fit the vehicle mounting points due to perfect performance.
- All our products have been thoroughly tested in our in-house test centre and carry out local and national standards to ensure excellent durability and high cooling performance.

Your Benefits

Prone, considerably better cooling performance

Compared to average low-quality or other products in the marketplace, Nissens’ radiators are characterized by their emission of smoothworking conditions and manual time spent before the vehicle test, such as load, part at ambient temperatures with 3°C.

Reduced risk of overheating of the engine

Reliable, efficient cooling system capable of working even under highly demanding conditions.

Tested, supreme durability

Long-lasting, reliable thermal unit with extended and flawless operation.

Reduced fuel consumption

Less fuel power needed to support cooling

Reduced installation time

Flawless and quick installation due to perfect product fit

Radiators in Nissens’ on-line catalogue

Experience professional and useful product presentation in our on-line catalogue and webshop. This will ensure you a very quick and adequate product identification as well as selection of the product installation time.

Detailed product technical data

High-quality technical drawings and product specifications are available for every radiator in Nissens’ range.

Cooling performance Index [%]

The cooling performance test evaluates the overall performance of the radiator system. The cooling performance has been measured at 1 m/s air flow with a difference between the coolant and the ambient temperature of 30 °C and at 100% engine load. To compare the cooling capacity of Nissens’ aluminium radiators with other brands, the cooling performance test has been carried out on two identical radiators (NISSENS’ ALU and NO-NAME MECHANICAL ALU).

NISSENS 5 MM

The chart shows the result of a cooling performance test carried out on two identical radiators as follows: NISSENS’ aluminium radiator (5 MM) and NO-NAME MECHANICAL ALU radiator. The chart shows the radiator performance according to the performance curve (1 m/s) in the 10-mm system is index 100. The cooling performance of NISSENS’ 5 MM radiator is approximately 11.5% better than the mechanical radiator. This is approx. 11.5% better than the mechanical radiator. The mechanical radiator corresponds to 100%.

ALU McLORD

Another full-aluminium aftermarket product manufactured by an established aftermarket supplier. The radiator is considered to be a full-aluminium radiator with a thickness of 34 mm. Highly efficient aluminium-plastic construction where space for the cooling unit is reduced in width and height.

5 MM RADIATORS

Most typical light-weight construction of aluminium cores and plastic tanks, universally applicable for passenger and commercial vehicles.

Cores equipped with double-folded fins

Advanced aluminium brazing (CAB)

Redundant plastic tanks with fibre glass (PMR 2225) and no external pipes.

High-quality EPDM gaskets preventing bursts and gaskets and fragile plastic parts.

Cores equipped with double-folded fins

Advanced aluminium brazing (CAB)

Redundant plastic tanks with fibre glass (PMR 2225) and no external pipes.

High-quality EPDM gaskets preventing bursts and gaskets and fragile plastic parts.

Cores equipped with double-folded fins

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Cores equipped with double-folded fins

Advanced aluminium brazing (CAB)

Redundant plastic tanks with fibre glass (PMR 2225) and no external pipes.

High-quality EPDM gaskets preventing bursts and gaskets and fragile plastic parts.

Proven, considerably better cooling performance

Our latest generations of the full-aluminium radiator, with 100% conformity with the OE design, ensuring excellent, first-class fit to the vehicle’s mounting conditions.

Experience easy and a quick product installation. You do not have to spend time or money on alternative product numbers.

Our extensive product range is supplied with various, useful dimensions and includes alternative product numbers.

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**Competitive Range** - today, Nissens' radiators range includes approximately 2,500 items covering 25,000 applications and almost 10,000 OE numbers. The product range has been thoroughly selected in compliance with market demands in order to cover the most popular applications and is constantly being expanded to match any new car models entering the market. The table below presents a selection of the most interesting Nissens' radiators produced in Alu McCord, 5MM and Full-Aluminum technologies.

<table>
<thead>
<tr>
<th>Model</th>
<th>Year</th>
<th>Engine</th>
<th>Power</th>
<th>OE Numbers</th>
<th>Technology</th>
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<tr>
<td>BMW 5 E60-E61 (03-)</td>
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<td>520 i</td>
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<tr>
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<td>9/2005</td>
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<tr>
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<tr>
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<td>McCord</td>
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</table>

To access Nissens' entire radiators range, please consult our on-line catalogues at [www.nissens.com/catalogue](http://www.nissens.com/catalogue) or contact your local sales office in order to get the complete list of Nissens' Engine Cooling Parts in Excel, including product details such as OE numbers, application models, product weight, box dimensions and EAN codes.
Since 1921, Nissens has designed and manufactured cooling solutions for the automotive aftermarket. Today, Nissens is one of the biggest European manufacturers and an acknowledged OE and aftermarket supplier of engine cooling and climate parts.

With more than 90% coverage of the European aftermarket, we supply a variety of market segments and cover applications for almost all makes and models of cars, vans and trucks.

In addition to excellent products, we also offer a reliable and efficient business concept enabling you to achieve cooling success on your market. To learn more, please visit our web site, contact your local sales office or one of Nissens’ official distributors.

We are an acknowledged supplier to the following automotive and industrial manufacturers:

- FORD, Europe
- PSA, France
- Mazda, Europe
- Toyota, Europe
- Scania
- SMC (VW), Denmark
- Manitou
- Liebherr
- Volvo Penta
- Atlas Copco
- Siemens
- ...and many others

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