

Full Aluminium Radiators

Heat exchanger - essential for engine thermal control

WHY CHOOSE A FULL-ALUMINUM RADIATOR?

The use of radiators based on the full-aluminum technology offers a number of attractive benefits. The welded steel design gives additional strength to the radiator construction. This provides increased durability and stress-resistance, effectively increasing the lifespan of the radiator.

Modern car design and construction have become more complex and technologically advanced with less space for equipment. As full-aluminium radiators are lighter and more flexible, they are considered an effective alternative for the conventional radiator.

In conventional radiators, the plastic tanks are installed on the aluminum core with a sealing gasket. By using a full-aluminum radiator, gaskets become obsolete and the risk of breaking the drainage tubes or in- and outlets are completely eliminated.

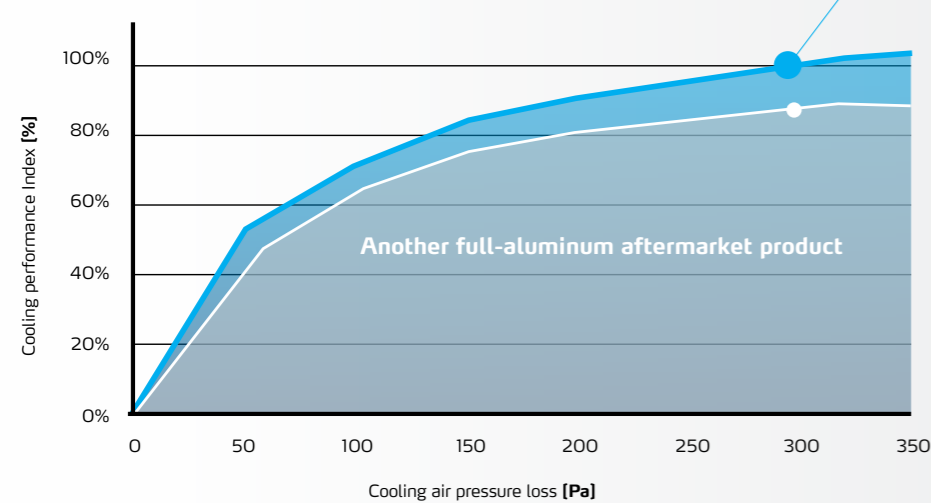
As aluminum is one of the most abundant metals on earth, the availability is basically unlimited. Furthermore, the aluminum material is perfect for recycling with no waste and zero material disposal. Consequently, the application of the aluminum material is the sustainable solution when considering our natural resources as well as the environment.



NISSENS FULL-ALUMINUM PERFORMANCE

Since product quality and technology are highly valued by Nissens, we are proud to document our unique performance in comparison with other aftermarket products.

Cooling Performance Test



Nissens' high-quality full-aluminum product offers an **increased cooling performance of 15%**

Nissens' products always comply with the applicable OE standards.

The above table shows the result of a cooling performance test of two identical full-aluminum radiators. One of the radiators is produced by an established aftermarket supplier. The other is produced by Nissens. The conclusion is that Nissens' full-aluminum radiator performs better than the competitive product.



Modern Technologies

Sturdy, durable and highly performing core construction produced with advanced aluminium brazing technology – controlled atmosphere brazing (CAB).

Supreme Durability and Thermal Performance

Cores equipped with double-folded fins, reinforcing the fin against mechanical damages as well as increasing the total heat exchange surface.



PROGRAM FOR
CARS
VANS
TRUCKS

Perfect Fit

Perfect finish in every detail such as water tanks, connections, threads, bolts, gaskets, mounting brackets, etc. This enables a trouble-free, quick and time-saving installation.

First Fit

Depending on vehicle model, everything that is needed for a proper installation is included in the product box.

Caps, O-rings, nuts, clamps, plugs, gaskets, circlips, bolts, fittings, screws, hose clips ... and more.



ALU McCORD

Light-weight and efficient construction of aluminum cores, universally applied for passenger and commercial vehicle radiators.

5mm

Aluminum construction with 5 mm spaces between the tubes, increasing the cooling performance, compared to the traditional 10 mm radiators.

Full alu

Advanced radiator construction based on brazed components solely made of aluminum, without gaskets and plastic parts.

