

Choose better cooling!

The radiator plays an important role when it comes to protecting the engine and ensuring its optimal performance.

Advanced tests have proven that Nissens' high-quality radiators deliver considerably better results when compared to other products available on the IAM.

Better tolerance of tough working conditions

Extended time span before the coolant reaches its boiling point in ambient temperatures over 40 °C

Reduced fuel consumption

Less fan power needed to support cooling

Supreme durability

Long-lasting, durable cooling units



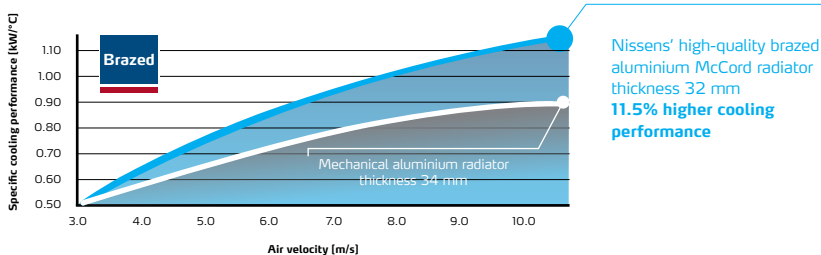
Considerably better cooling performance

compared to an average low-quality or other no-name product from the IAM

Reduced risk of overheating the engine

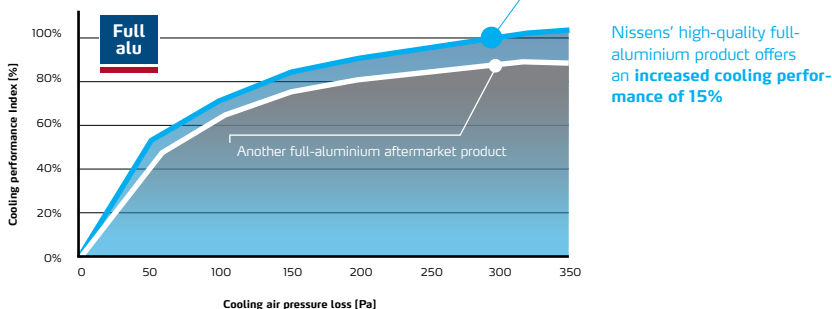
Reliable and high-efficient cooling protecting the engine even under high-stress conditions

Cooling performance tests



NISSENS' BRAZED ALUMINIUM VS. NO-NAME MECHANICAL ALU

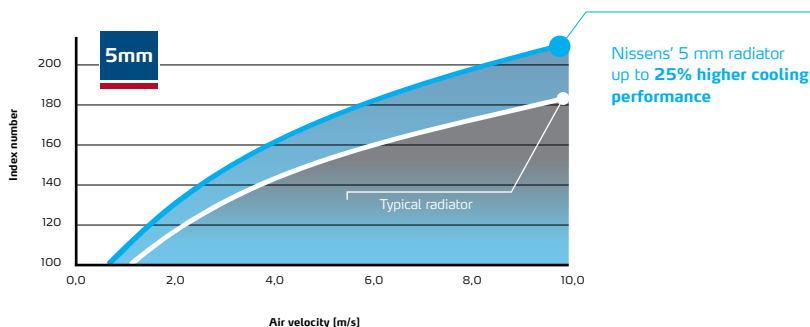
To compare the cooling capacity of Nissens' aluminium McCord and mechanical aluminium radiators, the cooling performance test has been carried out by testing both radiators under the same conditions. The cooling performance has been measured at 0.3 bar pressure drop on the water side and at 7 m/s air velocity.



The cooling performance test evaluates the overall cooling capacity of radiators. The test carried out at a working pressure of 0.3 bar shows that the Nissens' aluminium McCord radiator has approx. 11.5% better cooling performance than the mechanical radiator.

NISSENS' FULL ALUMINIUM

The chart shows the result of a cooling performance test of two identical full-aluminium radiators. One of the radiators is manufactured by an established aftermarket supplier. The other is manufactured by Nissens. The conclusion is that Nissens' full-aluminium radiator performs 15% better than the competitive product.



NISSENS' 5 MM

The chart presents the results of a cooling performance test carried out on two identical radiators, except that one was built in standard 10 mm and the other in the new 5 mm technology.

The comparison between the 5 and 10 mm radiator performances reveals that the cooling performance of the 5 mm radiator is up to 25% better than the 10 mm system. This amazing result is shown in the performance curve where 1 m/s in the 10 mm system is index 100 which corresponds to 100%. All other values reflect the percentage increases from index 100.