A Closer Look into Quality & Cooling Efficiency

Radiator plays a vital role in making sure your engine runs at its optimal working temperature. Through the process of liquid convection, radiator removes excessive heat generated by the engine, thus maximizing engine output and fuel efficiency.

An engine running at the right temperature also means less stress on other components such as cylinder heads, gaskets and fan assemblies. **Quality radiators will not only keep your engine running smoothly; it will prolong the service life of the vehicle and help avoid expensive repairs down the road.**

With so many offers in the market, sometimes it is difficult to tell the difference in quality since they all look alike.

Here is a closer look how NAKAMOTO radiators compare to some inferior alternatives in the market:

Thickness Matters

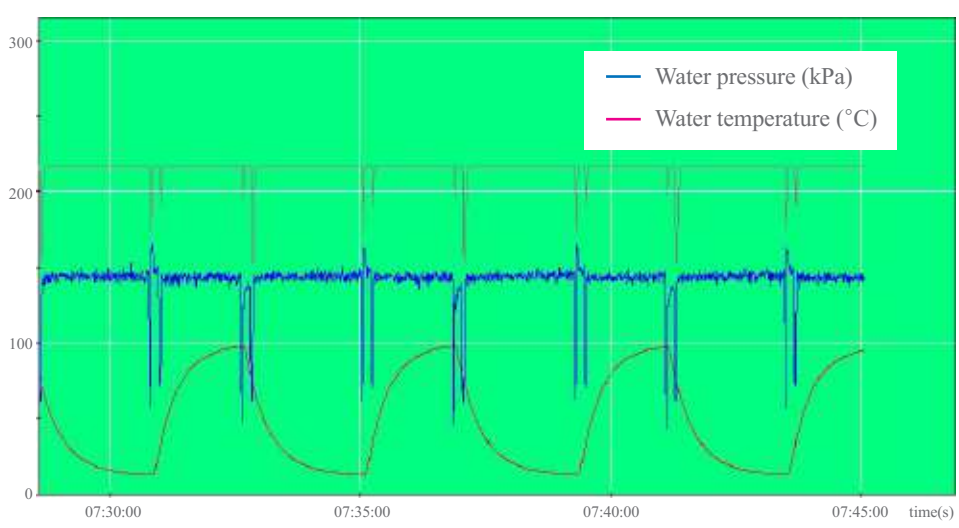
A thicker radiator means it can store more coolant which yields better cooling capacity. A radiator with insufficient coolant volume can cause overheating especially in warmer climates.

The "Small" but Important Details

The fins on the radiator are responsible to increase the surface area of air contact. The pitch, height, and finish all contributes to the overall cooling capacity of a radiator.

Extensive Product Testing

Engineered to meet OE standards, NAKAMOTO radiators go through extensive testing (up to 5,000 test cycles) to make sure our products are of the highest quality and finish. Water pressure, water temperature, & cooling efficiency are all carefully monitored and calibrated during the development stages of each radiator. All designed and engineered to keep your engine running in its optimal condition.



RADIATOR PERFORMANCE TEST

Water flow (L/min)	Wind speed (m/s)	Heat transfer (kj/h)
100	10	243384
	8	208683
	6	178538
	4	135385
80	10	229692
	8	203078
	6	172350
	4	132758
60	10	207937
	8	187526
	6	163018
	4	127574
40	10	179710
	8	162859
	6	143627
	4	114017