



2022

Renault Kangoo

TCe 130 petrol FWD manual



7.2 
/10

Clean Air
Index

3.4 
/10

Energy Efficiency
Index

1.6 
/10

Greenhouse Gas
Index



Laboratory Test

	NMHC	NO _x	NH ₃	CO	PN
6.8/10 Cold Test					
7.1/10 Warm Test					
8.1/10 Highway					

Cold Ambient Test

Does not qualify for additional robustness testing



Road Test

7.3/10 On-Road Drive					
3.4/5 On-Road Short Trip					

On-Road Heavy Load

Does not qualify for additional robustness testing

On-Road Light Load

Does not qualify for additional robustness testing

Congestion

Does not qualify for additional robustness testing



n.a.



good



adequate



marginal



weak



poor

Comments

The Kangoo performs quite impressively for Clean Air, even with regard to CO and NH₃ emissions, control of which is often challenging for small petrol engines. In general, the Renault scores well for all pollutants in all tests. Even though it is equipped with a GPF, performance could be further improved by even greater control of particle number. Overall, the Renault demonstrates that the means for efficient and robust exhaust aftertreatment are available and can be found in new vehicles.

Energy Efficiency Tests



Laboratory Test

Energy

4.1/10 Cold Test



4.4/10 Warm Test



1.8/10 Highway



Cold Ambient Test

Does not qualify for additional robustness testing

Consumption

Driving Range

Average

7.6 l/100 km

717 km

Worst-case

8.9 l/100 km

605 km



n.a.



good



adequate



marginal



weak



poor

Comments

The Kangoo is a relatively big car with a high capacity to transport goods. Its fuel consumption of up to 9.0 l/100 km in the BAB130 highway cycle is high but not surprising, given the body form and assumed high aerodynamic drag. With 7 l/100 km in the WLTC+ Cold Test, the values are close to the declared ones. The overall result in the Energy Efficiency Index is a modest 3.4 out of 10.

1.6 Greenhouse Gases Tests

/10



Greenhouse gases

CO₂

N₂O

CH₄

2.2/10 Cold Test



2.7/10 Warm Test



0.0/10 Highway



Cold Ambient Test

Does not qualify for additional robustness testing



n.a.



good



adequate



marginal



weak



poor

Comments

The Greenhouse Gas Index is based on a Well-to-Wheel+ approach, meaning that the greenhouse gas emissions related to the supply of the energy are added to the tailpipe emissions. The test vehicle emits about 160 g CO₂/km in the WLTC+ tests and almost 200 g CO₂/km in the BAB130 Highway Test. With upstream emissions on top, that leads to zero points in highway driving and an overall score of just 1.6 out of 10 for greenhouse gases. On the positive side, the emissions of N₂O and CH₄ are barely measurable and again proof of an excellent exhaust aftertreatment.

Our Verdict

August 2023: The result of this car has been updated. Previously reported Ammonia (NH₃) values were incorrect owing to a technical error with the equipment at the test laboratory and a correction has been applied.

The Renault Kangoo starts with the disadvantage of a non-aerodynamic body. Like other vehicles tested in 2022, its performance in the greenhouse gases index is the poorest of the three areas of assessment. Measurements for energy efficiency and CO₂ emissions at the tailpipe are just slightly above the officially reported values. Pollutants are managed quite well, helping the car to boost its overall performance. Overall, the Kangoo scores a creditable 2½ stars out of 5.

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Specifications

Publication Date 06 2022	Tested Car VF1RFK0056661xxxx	Tyres 205/55 R17	Emissions Class Euro 6d AP
Mass 1,536 kg	Engine Size 1,332 cc	Power/Torque 96 kW/240 Nm	Declared CO ₂ 155 g/km
Declared Battery Capacity n.a.	Declared Driving Range n.a.	Declared Consumption 6.8 l/100 km	



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