



MAZDA



2021

MAZDA2

Skyactiv-G 55kW petrol 4x2 manual



5.9 
/10

Clean Air
Index

6.9 
/10

Energy Efficiency
Index

5.6 
/10

Greenhouse Gas
Index

5.9
/10



Clean Air Tests



Laboratory Test

	NMHC	NO _x	NH ₃	CO	PN
5.6/10 Cold Test	●	●	●	●	●
6.8/10 Warm Test	●	●	●	●	●
4.6/10 Cold Ambient Test	●	●	●	●	●
5.8/10 Highway	●	●	●	●	●



Road Test

5.8/10 On-Road Drive	●	●	●	●	●
4.7/8 On-Road Heavy Load	●	●	●	●	●
3.2/5 On-Road Light Load	●	●	●	●	●
3.4/5 On-Road Short Trip	●	●	●	●	●
2.0/2 Congestion	●	●	●	●	●



Robustness



n.a.



good



adequate



marginal



weak



poor

Comments

A Clean Air Index of 5.9 reflects good control of pollutant emissions. In particular, emissions of NO_x and CO are very low in all tests. However, particulate emissions are not especially well controlled and, in the cold ambient temperature test, the car loses some fractions of a point for its performance in this area.

Energy Efficiency Tests



Laboratory Test

Energy

7.6/10 Cold Test



7.6/10 Warm Test



6.2/10 Cold Ambient Test



6.4/10 Highway



Consumption

Driving Range

Average

5.4 l/100 km

843 km

Worst-case

6.1 l/100 km

721 km



n.a.



good



adequate



marginal



weak
















poor

Comments

Average fuel consumption of 5.4 l/100 km and a worst-case value of 6.1 l/100 km lead to a high 6.9 score for energy efficiency.

5.6 Greenhouse Gases Tests

/10

	<u>Greenhouse gases</u>	CO ₂	N ₂ O	CH ₄
4.2/7	Cold Test			
4.3/7	Warm Test			
3.6/7	Cold Ambient Test			
3.8/7	Highway			



n.a.



good



adequate



marginal



weak



poor

Comments

In the 14 degree cold start test, CO₂ emissions are very close to the quoted value of 121 g/km and are not excessive in any of the laboratory tests. Emissions of N₂O and CH₄, neither of which is regulated by legislation, were exceptionally low, leading to a Greenhouse Gas Index of 5.6.

Our Verdict

The MAZDA2, originally launched in 2002 and now in its fourth generation, is tested here with the 1.5 litre Skyactiv petrol engine, and performs remarkably well. Control of pollutant emissions is, in general, very good, with a Clean Air Index of 5.9. The score is let down a little by control of particulate number (PN). The car's light weight and its efficient Skyactiv engine lead to a score of 6.9 for energy efficiency which helps the car achieve an excellent overall rating of 3½-stars.

Disclaimer

Publication Date	Tested Car	Emissions Class	Tyres
09 2021	JMZDJ6HC60130xxxx	Euro 6d-Temp	185/65R15 88T
Mass	Engine Size	Engine Power/Torque	Published CO ₂
1,059 kg	1,496 cc	55 kW/143 Nm	121 g/km
Declared Battery Capacity	Published Driving Range		
n.a.	n.a.		



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