



2022

Peugeot 308

1.2 PureTech 130 petrol FWD automatic



3.9

Clean Air Index 4.7

Energy Efficiency Index 3.2

Greenhouse Gas Index



	Laboratory Test	имнс	NO _x	NH ₃	со	PN
3.9 /10	Cold Test					
6.9 /10	Warm Test					
0.0 /10	Highway					
	Cold Ambient Test	Does not qu	alify for addit	ional robustne	ess testing	
	Road Test					
5.2 /10	On-Road Drive					
1.9 /5	On-Road Short Trip					
	On-Road Heavy Load	Does not qu	alify for addit	ional robustne	ess testing	
	On-Road Light Load	Does not qu	alify for addit	ional robustne	ess testing	
	Congestion	Does not qu	alify for addit	ional robustne	ess testing	













Comments

adequate marginal

The 1.2 litre engine in the Peugeot 308 shares many characteristics with other small petrol engines. In this case, high CO emissions lead to zero points in the Highway Test. NO_x is very well managed with a warm engine, but a cold engine start pushes the emissions one order of magnitude higher, costing the Peugeot points.



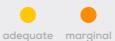
Energy Efficiency Tests

	Laboratory Test	Energy	
5.5 /10	Cold Test		
5.7 /10	Warm Test		
3.0 /10	Highway		
	Cold Ambient Test	Does not qualify for a	dditional robustness testing
		Consumption	Driving Range
	Average	6.6 I/100 km	811 km
	Worst-case	8.0 l/100 km	654 km













Comments

Energy Efficiency is the part of the assessment where the Peugeot scores best. Both WLTC+ tests score about half of the possible points while the BAB130 Highway Test pulls the overall efficiency rating down a little with consumption of approximately 8 litres per 100 km, resulting in a total of 4.7 out of 10 possible points.















n.a.

good

adequate marginal

weak

pooi

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 result is a total of nearly 170 g/km CO₂ equivalent for the WLTC+ tests and 222 g/km CO₂-equivalent in the BAB130 Highway Test, leading to an overall result of 3.2 out of possible 10 points in the Greenhouse Gas Index. The robust control of laughing gas and methane contribute maximum points in the Highway Test and help the Peugeot offsetting the negative scores of CO₂ emissions.



Our Verdict

August 2023: The result of this car has been updated. Previously reported Ammonia (NH_3) values were incorrect owing to a technical error with the equipment at the test laboratory and a correction has been applied.

The Peugeot 308 brings a very common engine with 1.2 litres to the table. Like other smaller petrol engines, the three-cylinder power unit gets in trouble under constant high load where it emits very high amounts of CO. Although the car is equipped with a GPF, better control of particle emissions and carbon monoxide in high power demand phases would immediately help the small car reach a significantly higher result. The vehicle scores moderately well in the Energy Efficiency and Greenhouse Gas Indexes, leading to an overall rating of 2 stars.

Disclaimer 2

Specifications

Publication DateTested CarTyresEmissions Class06 2022VR3FPHNSTMY52xxxx225/45 R17Euro 6d APMassEngine SizePower/TorqueDeclared CO21,323 kg1,199 cc96 kW/230 Nm129 g/km

Declared Battery Capacity

n.a.

Declared Driving Range

n.a.

Declared Consumption

5.7 I/100 km

