



**RENAULT**



2020

# Renault ZOE

R110 ZE50 electric 4x2 automatic



10.0   
/10

**Clean Air  
Index**

10.0   
/10

**Energy Efficiency  
Index**

10.0   
/10

**Greenhouse Gas  
Index**

10.0  
/10



# Clean Air Tests



## Laboratory Test

	NMHC	NO <sub>x</sub>	NH <sub>3</sub>	CO	PN
10.0/10 Cold Test	●	●	●	●	●
10.0/10 Warm Test	●	●	●	●	●
10.0/10 Cold Ambient Test	●	●	●	●	●
10.0/10 Highway	●	●	●	●	●



## Road Test

10.0/10 On-Road Drive	●	●	●	●	●
8.0/8 On-Road Heavy Load	●	●	●	●	●
5.0/5 On-Road Light Load	●	●	●	●	●
5.0/5 On-Road Short Trip	●	●	●	●	●
2.0/2 Congestion	●	●	●	●	●



## Robustness



n.a.



good



adequate



marginal



weak



poor

### Comments





Pure electric cars emit no tailpipe emissions, and the ZOE scores maximum points in this part of the assessment.

# Energy Efficiency Tests



## Laboratory Test

### Energy

<b>10.0/10</b>	Cold Test		→	<b>19.3</b> kWh/100 km
<b>10.0/10</b>	Warm Test		→	<b>17.9</b> kWh/100 km
<b>10.0/10</b>	Cold Ambient Test		→	<b>27.7</b> kWh/100 km
<b>10.0/10</b>	Highway		→	<b>29.8</b> kWh/100 km

### Consumption

### Driving Range

<b>Average</b>	<b>22.3</b> kWh/100 km	<b>319</b> km
<b>Worst-case</b>	<b>29.8</b> kWh/100 km	<b>227</b> km



n.a.



good



adequate



marginal
















weak



poor

### Comments

Green NCAP does not currently take into account the carbon dioxide emitted in producing the electricity used to power electric vehicles. However, its measurement method does account for energy losses during charging and discharging i.e. it measures the actual amount of energy which is put into the car, rather than what is used by it. Even on this measure, the ZOE's efficiency remains above the point at which it would begin to lose points, and it scores maximum points in this part of the assessment.

	<u>Greenhouse gases</u>	CO <sub>2</sub>	N <sub>2</sub> O	CH <sub>4</sub>
7.0/7	Cold Test			
7.0/7	Warm Test			
7.0/7	Cold Ambient Test			
7.0/7	Highway			



n.a.



good



adequate



marginal



weak



poor

### Comments


As with the Clean Air assessment, the ZOE scores full points here as it emits no gases at the tailpipe.

## Our Verdict

The ZOE has been the best-selling all-electric vehicle in France since 2013. The car has had various motors and battery capacities in that time but here it is tested with the 80 kW, 52 kWh configuration. The car scores a maximum five stars and gets maximum points in all areas of assessment. In the WLTC cold test, the measured range closely matches the published value of 395 km but the average is lowered by some of the more demanding tests.

## Disclaimer

Publication Date	Tested Car	Emissions Class	Tyres
11 2020	VF1AG00086481xxxx	Euro AX	185/65/15 92T
Mass	Engine Size	Engine Power/Torque	Published CO <sub>2</sub>
1,502 kg	n.a.	80 kW/225 Nm	0 g/km
Declared Battery Capacity	Published Driving Range		
52.0 kWh	395 km		

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