

# FIAT Doblo

COMBI 1.5 BLUEHDI DIESEL FWD MANUAL

2024



42%



8.6   
/10

**Clean Air  
Index**

2.8   
/10

**Energy Efficiency  
Index**

1.2   
/10

**Greenhouse Gas  
Index**

# 8.6

/10



## Clean Air Tests



### Laboratory Test

NMHC

NO<sub>x</sub>

NH<sub>3</sub>

CO

PN

8.4/10 Cold Test



9.5/10 Warm Test



8.5/10 Highway



Cold Ambient Test

Does not qualify for additional robustness testing



### Road Test

9.2/10 On-Road Drive



3.2/5 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

Exhaust gas pollutant emissions are handled exceptionally well by the diesel FIAT Doblo in all tests. Noteworthy is the fact that even the full power accelerations in the Highway Test don't make the car lose control over the typical diesel problem species – NO<sub>x</sub> emissions, and the value remains close to the detection limit – impressive 1.5 mg/km. The first 8 km of the On-Road Drive, however, emitted significant 95 mg/km before the exhaust aftertreatment reached its optimal operating conditions and the further trip could take place with only minimal emissions.

# Energy Efficiency Tests



## Laboratory Test

## Energy

3.8/10 Cold Test



3.9/10 Warm Test



1.0/10 Highway



Cold Ambient Test

Does not qualify for additional robustness testing

## Consumption

## Driving Range

Average

7.1 l/100 km

756 km

Worst-case

8.5 l/100 km

624 km



n.a.



good



adequate



marginal



weak



poor

## Comments

The 1.5 litre turbocharged diesel engine in the Doblo is not supported by any hybrid system. While the standard WLTC+ tests in the lab require around 6.5 litres for 100 km, the more challenging BAB130 Highway Test raises the consumption to 8.5 l/100 km. The On-Road Drive was performed with 5.8 l/100 km. An average consumption of 7.1 l/100 km leads to a poor score of 2.8/10 in this part of the assessment, but one should not disregard the fact that the Doblo is a utility van with high aerodynamic drag.



## Greenhouse gases

CO<sub>2</sub>

N<sub>2</sub>O

CH<sub>4</sub>

2.1/10 Cold Test



1.8/10 Warm Test



0.0/10 Highway



Cold Ambient Test

Does not qualify for additional robustness testing



n.a.



good



adequate



marginal



weak



poor

### Comments

Like other vehicles driven by fossil fuels, the Greenhouse Gas Index is the worst category for the FIAT, as well. Notably, only in the Warm Lab Test the car doesn't get the bonus points foreseen for good laughing gas (N<sub>2</sub>O) control. This index's score would have been higher, if it weren't for the high CO<sub>2</sub> emissions, which rise from around 170 g CO<sub>2</sub>/km measured at the tailpipe in the standard lab tests to around 205 g CO<sub>2</sub>-eq./km due to the addition of upstream emissions related to the production and supply of the diesel fuel. In the Highway Test, the total value is 266 g CO<sub>2</sub>-eq./km.

## Our Verdict

The FIAT Doblo tested here is a utility vehicle with a 1.5 l turbocharged diesel engine. It provides 96 kW peak power and shares several specifications with its competitors in the Stellantis group. Like most other fossil fuelled cars, it struggles most with greenhouse gas emissions, namely CO<sub>2</sub>. The problem is even more pronounced due to the relatively high consumption figures of the small van. On the positive side, exhaust pollutant emissions are managed impressively well with the typically problematic NO<sub>x</sub> and particulate emissions kept far below the legal limits and Green NCAP thresholds. Here, further improvement of the cold start emissions control would help the FIAT strive for even a higher score. Overall, the FIAT Doblo reaches an average score of 42% and 2½ Green stars.

## Disclaimer [↗](#)

## Specification

### Tested Car

VYFEFYHP2RJ60xxx

<b>Publication Date</b> 06 2024	<b>Vehicle Class</b> Small MPV	<b>Tyres</b> 205/60 R16	<b>Emissions Class</b> Euro 6d AQ
<b>Mass</b> 1,575 kg	<b>Engine Size</b> 1,499 cc	<b>Power/Torque</b> 96 kW/300 Nm	<b>Declared CO<sub>2</sub></b> 166 g/km
<b>Declared Battery Capacity</b> n.a.	<b>Declared Driving Range</b> n.a.	<b>Declared Consumption</b> 6.3 l/100 km	

### Heating Concept

Waste heat



Think before you print