



# Renault Zoe Van Z.E. 40 R90 (2016-2019) (Europe)

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## General Info

Years of Production	2016 - 2019
Market Availability	EU
Country of Manufacture	France
Current Status	Discontinued
Body Style	Hatchback
Price Europe (New/Used)	€No data/6950

## Range and Efficiency

Range EPA	No data
Range WLTP	317 km
Range GCC	286 km
Battery (Usable/Nominal)	41/44.1 kWh
Efficiency (Energy/Range)	14.3 kWh/100 km
Efficiency (Range/Energy)	6.98 km/kWh

## Charging

Architecture	400 V
Max AC Charging	22 kW
Max DC Charging	No data
Charge Port	Type 2 (Mennekes)

## Performance

Drive Type	FWD PMSM
Motor (Power/Torque)	68 kW (91 hp)/220 Nm
Acceleration 0-100 km/h	13.2 s
Top Speed	135 km/h

## Dimensions

Length	4084 mm
Width (with Mirrors/no Mirrors)	1945/1730 mm
Height	1562 mm
Wheelbase	2588 mm

## Cargo and Towing

Number of Seats	2
Curb Weight	1480 kg
Cargo Volume (Trunk/Max/Frunk)	No data
Towing Capacity	No data

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# About Renault Zoe Van Z.E. 40 R90 (2016-2019)

## Overview

The 2019 Renault Zoe Z.E. 40 R90 was a cracking little electric supermini, a real pioneer in making EVs accessible across Europe. This particular discontinued trim, produced from 2016 to 2019 in France, packed a 41 kWh usable battery, offering a solid urban punch. It was known for its user-friendly nature and impressively quick AC charging. With a used price around €6,950, it represents a savvy buy on the pre-owned market for city dwellers looking for a no-fuss electric runabout.

## What's New for 2019?

By 2019, the Zoe Z.E. 40 R90 was a well-established model, representing the final iteration of this particular configuration before a major Zoe update later that year. While not a year of dramatic overhauls for this specific trim, it solidified its offering with the proven 41 kWh battery and the Renault-developed R90 motor, focusing on efficiency and strong AC charging capabilities. Any updates were likely minor trim or infotainment refinements, as Renault prepared for its next-generation Zoe with a larger battery pack and updated styling.

## Design & Exterior

The 2019 Zoe 40 R90 rocks that classic, friendly Zoe design – a compact hatchback that's instantly recognizable and looks right at home on tight city streets. Its dimensions are perfectly urban-friendly: 4084 mm in length, a neat 1730 mm in width (mirrors aside), and 1562 mm tall. Styling cues like its distinctive headlights and smooth lines still look fresh. While specifics vary, this trim often featured practical wheel designs suited for daily driving, contributing to its overall charming and approachable aesthetic.

## Interior, Tech & Cargo

Inside, the Zoe 40 R90 offers a straightforward and functional cabin. This specific version featured a practical two-seat layout. While the trunk capacity with seats in place isn't specified, it boasts a generous 1000 litres of cargo space when the rear area is fully utilized for storage, though it doesn't come with a frunk. Tech-wise, you'd typically find Renault's R-Link infotainment system, often with navigation, housed in a central touchscreen, keeping you connected on your urban adventures. Material quality is what you'd expect for a value-focused city EV.

## Performance & Driving Experience

Don't let its cute looks fool you; the Zoe 40 R90 is surprisingly zippy for city driving! Its front-wheel-drive setup, powered by a single Permanent Magnet Synchronous Motor (PMSM), delivers 68 kW and a handy 220 Nm of torque. This translates to a 0-100 km/h sprint in 13.2 seconds and a top speed of 135 km/h – more than enough for urban commutes and the odd motorway jaunt. It's known for its light steering, comfortable ride, and nimble handling, making nipping through traffic a breeze.

## Range, Battery & Charging

The Zoe 40 R90 is equipped with a 41 kWh usable battery pack (44.1 kWh nominal), giving it a Green Cars Compare estimated real-world range of 286 km – pretty decent for its class and age! It sips energy at a rate of 6.98 km/kWh. A key strength is its standard 22 kW on-board AC charger using a Type 2 (Mennekes)

port, allowing a full top-up in just a couple of hours from a compatible public charger. This R90 variant relies solely on AC charging, as DC fast charging capability isn't specified for this trim.

## Safety & Driver-Assistance Features

Safety-wise, the Renault Zoe generation achieved a commendable 5-star rating from Euro NCAP, reflecting its solid crash protection. For the 2019 40 R90, standard safety kit included essentials like multiple airbags, ABS, and ESP. While advanced driver-assistance systems like adaptive cruise control or lane-keeping assist weren't typically standard on this trim level, features such as cruise control with a speed limiter and potentially rear parking sensors were often part of the package, keeping you secure on your city missions.

## Warranty & Maintenance Coverage

When new in Europe, Renault typically offered a basic vehicle warranty of around 2 to 3 years or up to 100,000 km. The crucial battery warranty for the Z.E. 40 models was generally 8 years or 160,000 km, guaranteeing a minimum percentage of its original capacity (often around 66-70%). As an EV, maintenance is simpler than a petrol car, mainly involving checks on brakes, tyres, and the electrical system. Overall reliability for the Zoe has been fairly robust, especially for these later 40 kWh models.

## How powerful is it? How fast does it accelerate?

The Renault Zoe Van Z.E. 40 R90 (2016-2019) is equipped with a powertrain that delivers up to 68 kW (91 hp) of power and 162 lb-ft of torque.

This enables a 0 to 60 mph acceleration in 12.7 seconds ([Nº106 out of 119 ranked positions](#), among 971 electric vehicles, with some cars sharing positions) and a top speed of 84 mph.

## How far can it go on single charge? What is the real-world range?

The estimated real-world range for Renault Zoe Van Z.E. 40 R90 (2016-2019) is 178 miles, ranking it [Nº192 out of 264 ranked positions](#). Several conditions can influence this range:

- Speed: The battery drains faster at higher speeds.
- Temperature: Extreme temperatures can impact range.
- Terrain: Range is reduced on hilly or mountainous terrain.
- Driving style: Aggressive driving behaviors, such as frequent acceleration and braking, decrease efficiency.
- Feature utilization: Climate control and media system usage also affect range.

These figures are approximations, and your actual driving range may vary. When planning trips, consider these factors and be prepared for potential charging stops.

For trip planning assistance, utilize the [EV Navigation interactive map](#).

## What charging options are available? How long does it take to charge it?

The Renault Zoe Van Z.E. 40 R90 (2016-2019) in the USA is equipped with a Type 2 (Mennekes) charging port. You can charge it conveniently at home using a standard outlet, or utilize any public AC charging station with the appropriate cable. However, the car's built-in charger (inverter) limits the maximum AC

charging speed to 22 kW, which translates to roughly 86 miles of range added per hour.

The car doesn't support DC charging

To estimate charging time, rate, and cost, you can use [EV Charging Calculator](#).

## How big is it? What are the dimensions (length, width, height)?

Renault Zoe Van Z.E. 40 R90 (2016-2019) comes in the following dimensions:

- Length: 160.8 in
- Width: 76.6 in (including side mirrors) or 68.1 in (excluding side mirrors)
- Height: 61.5 in
- Wheelbase: 101.9 in (distance between the center of the front and rear wheels)
- Curb weight: 3263 lbs (weight of the empty car, no people or cargo)

## How much cargo space does it offer? Does it have a front trunk?

Behind the rear seats of the Renault Zoe Van Z.E. 40 R90 (2016-2019), you'll find cubic feet of storage space ([Nº out of ranked positions](#), among 971 electric vehicles, with some cars sharing positions).

Folding down the rear seats expands the total cargo capacity to 35.3 cubic feet ([Nº170 out of 201 ranked positions](#), among 971 electric vehicles, with some cars sharing positions).

The car doesn't have a "frunk" (front trunk).

## Is it suitable for towing? What is the maximum towing capacity?

The car isn't officially rated for towing.

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