
Audi S8 – Cylinder on Demand

The S8, with a power output of 382 kW (520 hp), is the large sports sedan from Audi. Its sonorous 4.0 TFSI accelerates the S8 from 0 to 100 km/h (62.1 mph) in 4.1 seconds. The combined fuel consumption of the S8 is just 9.6 liters per 100 kilometers (24.5 US mpg), and it emits 225 grams CO₂ per kilometer (362.1 g/mi). The COD (cylinder on demand) system plays a major role here, too. Active Noise Cancellation (ANC) sends precise phase-cancellation noise into the interior over the sound system's speakers to compensate for noise generated in the cabin when running on four cylinders.

Combined fuel consumption in l/100 km: 9.6 – 9.4 (24.5 – 25.0 US mpg)

Combined CO₂ emissions in g/km: 220 – 216 (354.1 – 347.6 g/mi)