



THE EMBRAER E190-E2 FACTS AND FIGURES

Be it in environmental, comfort, health or profitability terms, Helvetic Airways' new Embraer E190-E2 aircraft fleet is ideally equipped to meet and master the challenges of the post-corona times. And as Switzerland's leading regional airline, we will continue to provide our reliable and efficient air services while simultaneously safeguarding the health and well-being of our passengers and our personnel.

Sustainable



-3600 t
CO₂

vs. the E190-E1

That's how much less carbon dioxide the E190-E2 emits per aircraft per year.



-20%
fuel consumption

vs. the E190-E1

The E190-E2 consumes substantially less fuel, thanks to its impressive latest-generation engines and its enhanced aerodynamic design.



-48%
noise

vs. the E190-E1
(Zurich noise Footprint)

The E190-E2's geared turbofan (GTF) technology helps lower noise emissions. This greatly reduces its noise footprint on takeoff and landing – which is good news for all local airport residents.

Comfortable



2x2
seating
in the cabin

With just four seats in each row, the Embraer E190-E2 is a byword for swift, comfortable and efficient boarding.



+90%
cabin baggage space
vs. the E190-E1

The E190-E2's redesigned overhead baggage bins give our passengers substantially more space to stow their carry-on items.



Quieter
inside

thanks to advanced insulating materials

The E190-E2 features a totally redesigned interior that provides more space, more comfort and above all far more quiet.

Safe



99.7%

of air particles filtered with HEPA technology

meeting the standards applied in hospital operating theatres

Aircraft HEPA filters are extremely effective, removing particles and biocontaminants down to 0.3 micrometres in the air they process.



Airflow

healthily circulated

with used air extracted via the foot and floor area

The air in the cabin is completely exchanged 20 times an hour or every three minutes. It's also ideally circulated via optimally positioned vents.

Cost-effective



110

passenger seats

which is just the right size in capacity terms

With its lower operating costs and its modest size, the Embraer E190-E2 is the ideal aircraft for an industry in gradual recovery.



Masks

to protect passengers and crew members

will be provided if required

Helvetic Airways has worked with its partners and the health authorities to develop a new concept for safe and relaxed air travel.



Service

with minimum inflight movement

modified for maximum safety

We've reduced our inflight services to ensure maximum health protection:

- limited food and beverages
- no inflight duty-free sales.

The Helvetic Airways fleet

Embraer E190-E2

Number of aircraft	8 (from 02/2021)
Seats	110
Maximum range	5 300 km
Maximum speed	870 km/h
Max. takeoff weight	56 400 kg

Embraer E190-E1

Number of aircraft	6
Seats	112/104
Maximum range	4 400 km
Maximum speed	870 km/h
Max. takeoff weight	50 300 kg



Further information

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