



# 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**  
CO<sub>2</sub>

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.

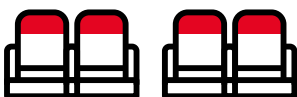


**-48%**  
noise

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.

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## Safe

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# 99.7%

## of air particles filtered with HEPA technology

meeting the standards applied in hospital operating theatres

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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

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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.

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## Cost-effective

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# 110

## passenger seats

which is just the right size in capacity terms

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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

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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

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We've reduced our inflight services to ensure maximum health protection:  
– limited food and beverages  
– no inflight duty-free sales.

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## The Helvetic Airways fleet

### Embraer E190-E2

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



### Embraer E190-E1

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

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### Further information

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