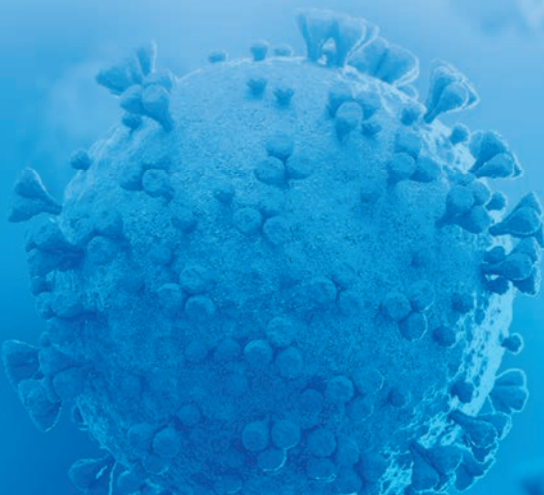




Air clear of
SARS-CoV-2

Breathe
easy

minieco₃
Air Purifier



mini**eco**₃

Air Purifier



Breathe Easy

To improve air quality in buses and coaches, Hispacold has developed **mini eco3** - an air purifier that eliminates viruses including SARS-CoV-2, microorganisms, germs and allergens, while also neutralising bad odours.

The **mini eco3** is located in the part of the air conditioning system which controls air flow and supply, where blowers distribute ozone (<0.05ppm) inside the vehicle sterilising the air. All these advantages come with a negligible increase in electricity consumption.

Mini eco3 is capable of treating 8 m³ of air, making it very suitable for the volume of air around the bus driver, for ambulances, public transport, even for truck cabins or car transport with driver.

CHARACTERISTICS

- > Eliminates harmful elements present in bioaerosols such as bacteria, viruses (including SARS-CoV-2), mould, allergens and germs.
- > Increases the concentration of oxygen to maintain healthy air levels and prevents a bad breathing sensation.
- > Reduces driver drowsiness.
- > Reduces the risk of infections.
- > Avoids dizziness and nausea in passengers.
- > It can be fitted in new equipment or in systems already in operation.
- > Neutralises bad odours.
- > It removes dust in the air.
- > Eliminates certain pollutant gases.

Effective inactivation of the virus

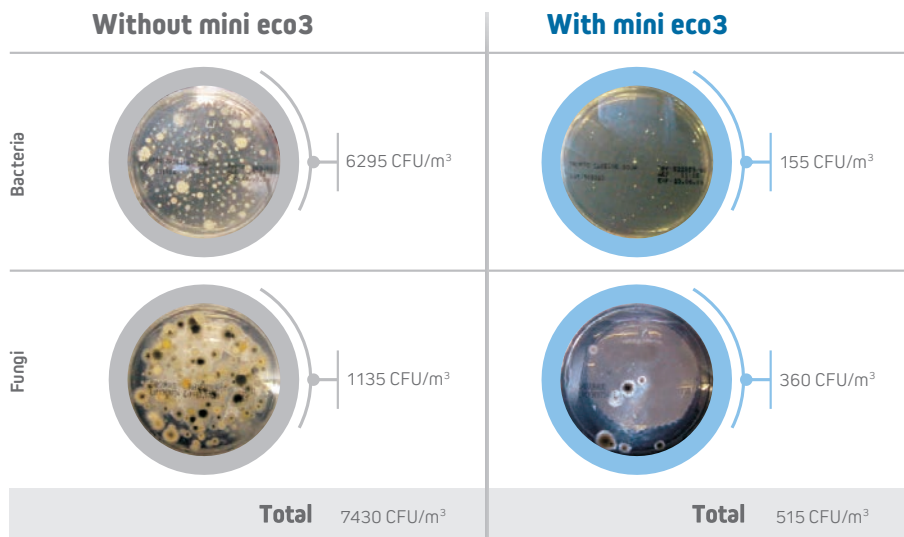
mini eco3 which operates by generating negative ions and ozone (<0.05ppm) in recommended proportions, increases the oxygen concentration in the air, eliminates bad odours and maintains the air supply at healthy levels so that it doesn't become stale and polluted.

According to the UNE 100012: 2005 standard, a count of less than 800 CFU/m³ of total mesophilic aerobic flora* is considered to be the maximum recommended count for indoor air, above which corrective measures are recommended.

* It is considered to be aerobic mesophilic flora when it has an optimal growth temperature between 20 °C and 45 °C.

THE RESULTS OF POOR QUALITY INDOOR AIR

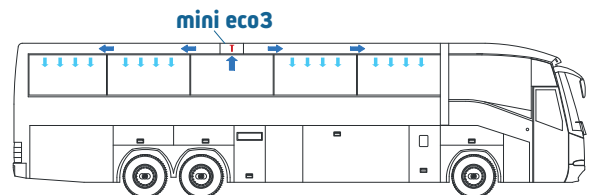
- > Poor Indoor air quality.
- > High concentration of harmful germs, bacteria and viruses in passenger compartments and air conditioning ducts.
- > Risk of contracting respiratory infections and illnesses.
- > Bad odours and stale environment.
- > Fatigue due to lowered oxygen levels.



Results of genuine tests carried out on buses and coaches. Cultures were taken from vehicles fitted with, and without the mini eco3 air purifier. Laboratory tests showed (where the **mini eco3** was fitted) colony-forming units (CFU/m³) were reduced by 93% and plate-forming units (PFU/m³) were reduced by 99.7%.

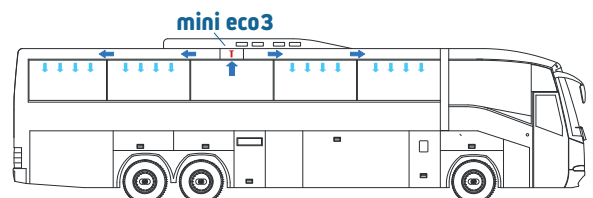
DATA SHEET

Voltage	24 VDC
Consumption	< 30 mA
Weight	42.5 g
Temperature range	from -10 °C a +65 °C
Service Life	20.000 h
Minimum required air speed	0,3 m/s
Generation of negative ions	>2x10 ⁶ ions/cm ³
Generation of Ozone	< 0,05 ppm



SPLIT AIR CONDITIONING SYSTEM

↑ Air Inlet grilles



ROOF TOP AIR CONDITIONING SYSTEM



mini **eco3** Air purifier

- Compatible with Hispacold HVAC ✓
- Compatible with all other brands ✓
- Can be fitted in new vehicles ✓
- Can be fitted in vehicles those already in circulation ✓
- Maintenance-free ✓
- Easily fitted ✓

In collaboration with

