

The image shows the interior of an elevator with perforated metal walls and ceiling. Two curved arrows, one red and one blue, originate from the ceiling and curve around the central text. The word 'CARE' is written in a large, white, stylized font with small white circles and lines extending from the letters, resembling a virus or a network. The background is a deep purple color.

CARE

**Professional system
for the active sanitization of the lift car**

Suitable for any existing lift.
Designed and made in Italy.



www.igvlift.com

Lift safety in the time of Covid-19

The lift car is an enclosed and small space, often without any ventilation, thus leading to potential risks in this time of emergency. Car surfaces and commonly-touched surfaces such as push-button panels and handrails are especially exposed to the build-up of viruses and bacteria, and they therefore deserve special attention. In addition to ensuring social distancing and using the lift only one person at a time wearing personal protective equipment, in order to avoid exposure to the risk of contagion it is also necessary to provide an antimicrobial cleaning of the lift car.

The role of IGV Group

IGV Group has always focused on social issues and over this Covid-19 pandemic has studied new measures to limit the contagion, with the aim of protecting end users and operators involved in the lift maintenance.



Professional system for the active sanitization of the lift car

IGV Group Research & Development department has designed and developed a flexible and efficient solution for the active sanitization of the lift car.

CARe is a professional system featuring two different technologies with certified products for the sanitization of car lifts in a few minutes.

Top benefits of the CARe system



Invisible
in the car

Noiseless
and vibration free

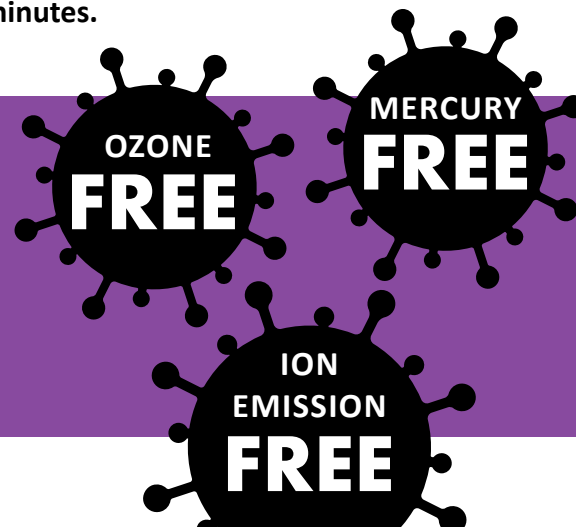


Easy
to install

Suitable
for any lift



Practical
operation



The air

A mechanical ventilation device with centrifugal motor and absolute HEPA filter combined with an activated charcoal membrane carries out a continuous air sanitization and an instantaneous ventilation. The air vacuumed from the lift car is channelled through flexible pipes to the device where it is filtered and purified from any virus and bacteria in the particulate, and it is then flown back into the lift car.

Technical specifications:

Motor: centrifugal electric

Flow volume: 1 m³/min

Pressure: 177 Pa

Power: 28 W

Voltage: 220-240 V, 50 Hz

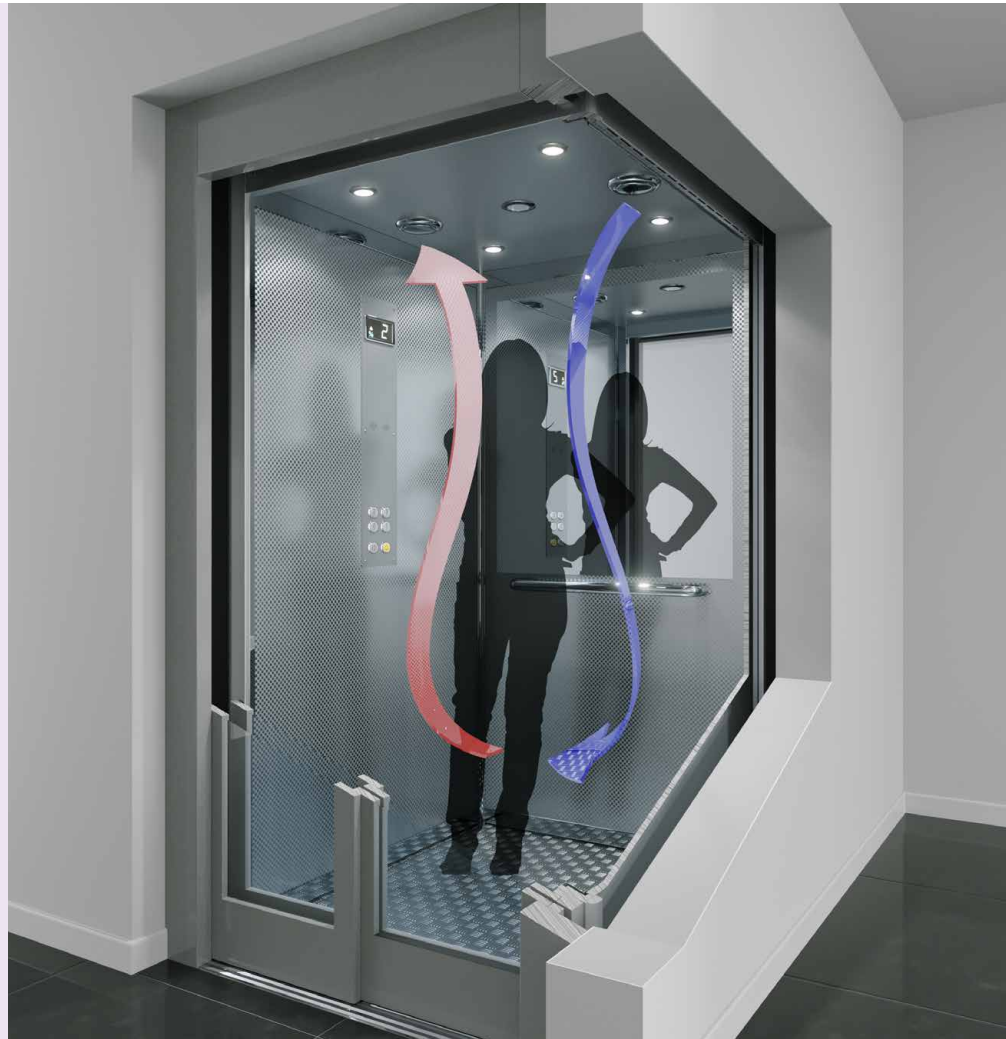
Filter: absolute HEPA + activated charcoal

Filter capacity: ≥ 0.5 µm

Dimensions: 244 x 244 x h 180 mm

Weight: 1,5 kg

The sanitizing device does not involve the use of ozone which could be irritating without an adequate air exchange.



The light

The UV-C ultraviolet light of the LED lamp, the same germicidal UVGI (Ultraviolet Germicidal Irradiation) technology used for sanitizing hospitals, guarantees the complete and instantaneous sterilization of the car surfaces. The ultraviolet light removes almost any (99.9%) microorganism from surfaces. The air exchange is automatically activated and occurs in the stand-by phase when there are no passengers in the car.

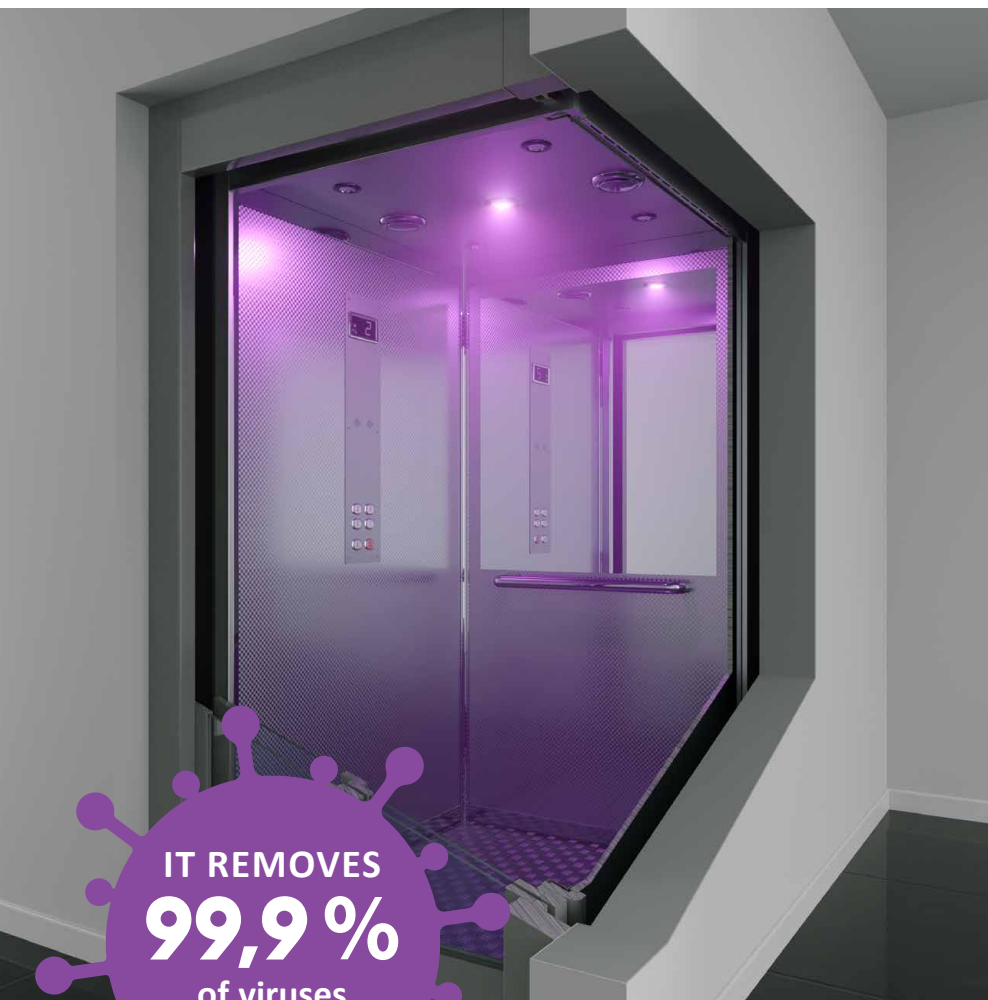
Technical specifications:

Lamp: UVGI germicidal LED

Lifetime: over 50,000 hours

Dimensions: Ø 97 mm

Unlike legacy neon lights containing mercury, which is highly toxic and dangerous if dispersed in the environment, the LED light guarantees the safety of users and operators, as well as energy saving advantages and longer lifetime.



IT REMOVES
99,9%
of viruses
and bacteria



Retrofit

CARe is a universal retrofit device suitable for any existing lift conceived to highly reduce the risk of contagion and developed for an easier use and maintenance of the lift. The noiseless and vibration-free device is installed on the car roof and is therefore invisible in the car.

Installation

The installation shall be carried out by trained operators and requires minimal intervention:

- the CARe unit is located on the car roof;
- holes are required in the lift car for the installation of air vents directly on the ceiling or on the car wall to be connected with pipes and ducts to the device;
- prearrangement of a hole in the car for positioning the UVGI germicidal LED light (ceiling or wall);
- connection to the car electronics.

Package contents:

- no. 1 CARe device
- no. 1 absolute HEPA filter + activated charcoal membrane
- no. 1 two-metre flexible spiral pipe
- no. 2 air vents with grids
- no. 1 UVGI germicidal LED lamp
- technical documentation and user manual



Available also online at biz.igvlift.com

Plug and play

The CARe technology is equipped with special electronics, able to independently run both the air recycling operation and the activation of UV-C germicidal lamp. No interface with the lift control panel is required.

Maintenance

CARe requires periodical maintenance in order to guarantee safe operation over the time:

- replacement of the air filter every 6 months;
- replacement of LED lamp every 5 years.



IGV Group SpA

Via Di Vittorio, 21
20060 Vignate, Milan, Italy
+39 02 95127.1

For further information:
www.igvlift.com