

The background of the advertisement is a photograph of an elevator interior. The walls are covered in a perforated metal mesh. The floor is made of diamond-plate metal. Two large, curved arrows, one red and one blue, originate from the floor and point towards the ceiling. The word 'CARE' is superimposed in the center in a large, white, stylized font. The 'C' has several small circles and lines radiating from it, resembling a virus or a cleanroom filter.

CARE

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

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

UNI EN ISO 14644 CERTIFICATION

CLEANROOM



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.

CARe is a cleanroom certified system according to UNI EN ISO 14644 standard.

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 carries out a continuous air sanitization and a near-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, single-phase

Voltage: 220-240 V, 50 Hz

Filter: absolute HEPA filter

Filter capacity: $\geq 0.5 \mu\text{m}$

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 near-instantaneous sterilization of the car surfaces.

The ultraviolet light removes almost any microorganism from the surfaces (99.9%). The UV-C light is automatically and safely activated in the stand-by phase, when there are no passengers in the lift car. The proper operation of the LED spotlight is guaranteed by a double technology volumetric motion sensor.

Technical specifications:

Lamp: UVGI germicidal LED

Lifetime: over 50,000 hours

Dimensions: $\varnothing 97 \text{ mm}$

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.

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.

Available also online at biz.igvlift.com



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