



# **MP's solutions to help fight Covid-19: safe spaces for passengers**

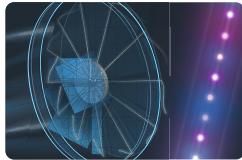
Passenger safety has always  
been a priority here at MP.



## MP's solutions to help fight Covid-19: safe spaces for passengers

From the very beginning of the COVID-19 pandemic, MP has focused on making lifts safe spaces for those who use them. As such, it has focused on three areas:

### Air inside the car



**In-car air purification** using UV-C LEDs and constant airflow

### Surfaces which passengers come into contact with



UV-C LED device for **disinfecting handrails** on escalators and moving walkways



**Adhesive film** with antimicrobial properties

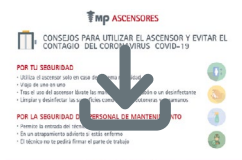


**MP Callmylift.** Allows users to avoid contact with lift buttons by selecting their destination digitally from their mobile phone



**Cleaning** of car surfaces with virucidal cleaner

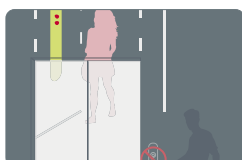
### Social distancing between passengers using lifts



**Sticker displaying** advice for lift users



**'Direct journey'** feature



**"Lift full" feature** for social distancing



**Footprint floor stickers** to ensure social distancing

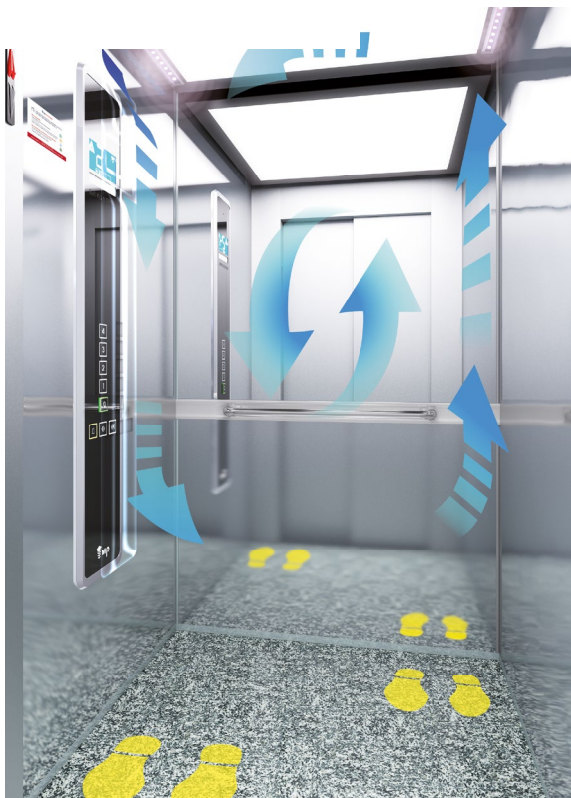


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Air inside the car

## **In-car air purification** using UV-C LEDs and constant airflow



MP's solution for purifying air in cars combines the effectiveness of UV-C\* light and forced air circulation. It activates when the car is empty, and leaves it ready to be used immediately afterwards without any risk to passengers. As this is an ozone-free product, ventilation is not required.

A small fan is used to keep the air inside the car constantly moving, and when it comes into contact with the UV-C LED light it is disinfected. When this happens, microorganisms are killed or inactivated, as their nucleic acids are destroyed and DNA interrupted, leaving them unable to perform vital cellular functions.

The germicidal kit, which includes a car light timer, only switches on when the car is empty and the light off. If the kit detects movement near the car or the lift is called, it immediately switches off.

The kit is compatible with any lift, operates independently from the car's controller and can be fitted to any ceiling, except glass ceilings.

Its design is tamper-proof and uses a thin aluminium frame (less than 1 cm thick), screwed to the ceiling panel.

As the system uses LEDs, it has a longer life cycle than that of systems that use tubes containing mercury. There is no need to ventilate the car (unlike when ozone disinfection technology is used) and it can be used immediately afterwards.

This smart safety system is certified by OCA GLOBAL, and ensures lift passengers are never at risk of being harmed by ultraviolet light.

\*UV-C is a method of disinfection that uses short-wave ultraviolet light to kill or inactivate microorganisms by destroying their nucleic acids and interrupting their DNA, leaving them unable to perform vital cellular functions.



**UNE0068:2020**

Available on **SERVICEnter**

Follow the recommendations issued by local Public Health Authorities. These solutions alone are no guarantee of stopping the spread of the virus inside lifts. MP advises that lifts are only used where necessary, allowing us to ensure they are available for those who need them the most as well as keep them as clean as possible.



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Surfaces which passengers come into contact with

## **UV-C LED device** for disinfecting handrails on escalators and moving walkways



**MP SOLUTIONS  
COVID-19**



Handrails are a potential way for the virus to spread, so ensuring they are sanitised regularly is essential. Installing our compact handrail disinfecting device, featuring a system of UV-C LED lamps, ensures continuous removal of the COVID-19 virus.

The handrail passes through the device as it moves, constantly exposing it to UV-C disinfection technology.

The small device is fitted inside the escalator or moving walkway to avoid the risk of passengers becoming caught on it. Also, multiple devices can be installed on larger installations for added safety.

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## Antibacterial surface protection



MP's solution for protecting passengers from contact transmission is a thin antibacterial film (a biofilm\*) to cover buttons, operating panels and walls. These provide effective, long-lasting protection, 24/7, with each film lasting five years.

Passengers will not notice any visual changes as a result of the film, aside from the seal informing them that the car has been fitted with protection.

Germs are immediately destroyed upon contact with the protective film.

MP is certified to provide installation and maintenance services for this solution..

\*This biofilm contains encapsulated ions which block the metabolism and/or interrupt the proliferation mechanism of viruses and bacteria with which they come into contact, immediately destroying them.

\*Not tested with COVID-19



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Surfaces which passengers come into contact with

## **Mp Callmylift** Avoid contact with lift buttons



MP Callmylift is a completely free app which allows you to call your lift from your mobile phone.

The app uses your mobile's GPS to identify and connect to the nearest lift.

This easy and user-friendly app does not require users to register, and works with any lift equipped with 'MP Connected Lifts' technology.

### **MP Connected Lifts**

The app requires the mobile phone being used to have an internet connection and the lift to have 'MP Connected Lifts' technology. This technology improves the service provided by the lift and extends the useful life of its components. It does this by monitoring the lift 24/7, thus making effective diagnostics and immediate solutions possible.



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Surfaces which passengers come into contact with

## Cleaning car surfaces



These virucidal, antipathogenic tablets, when dissolved in water in the recommended ratio, make for the perfect surface cleaner.

They have been approved and shown to be effective against COVID-19 and Ebola by the Spanish Ministry of Health, in accordance with Regulation (EC) No 1272/2008.

A disinfectant which can be used on all surfaces, it is EN 14476-compliant (European standard detailing the minimum requirements for virucidal activity of chemical disinfectants) and approved by the Spanish Ministry of Health for the elimination of COVID-19.

1 x 1 kg tub (300 tablets) makes 300 litres of disinfectant solution.

For prices, delivery times and more information, please speak to your usual MP representative or call us on (+34) 902 197 277.

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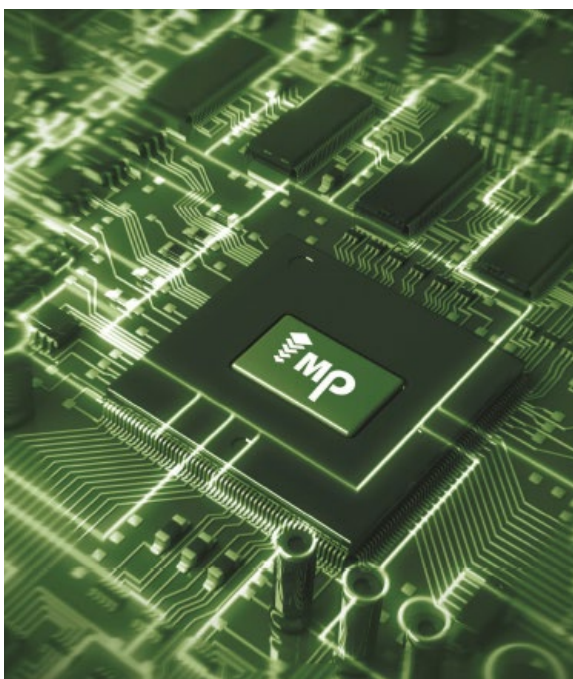


Social distancing between passengers

## **'Direct journey'** feature



**MP SOLUTIONS  
COVID-19**



Setting your lift to go from A to B, without stopping, means you can make sure there is only one person inside the car at any given time.

This option requires the lift to be reprogrammed so that it cannot be called while there is somebody inside the car. This means that no other passengers can access the car once the lift is en route, thus reducing the risk of infection.

The changes required will depend on the technology and age of the lift. Please contact MP to check the feasibility and cost of implementing this solution.

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Social distancing between passengers

## 'Lift full' feature for social distancing

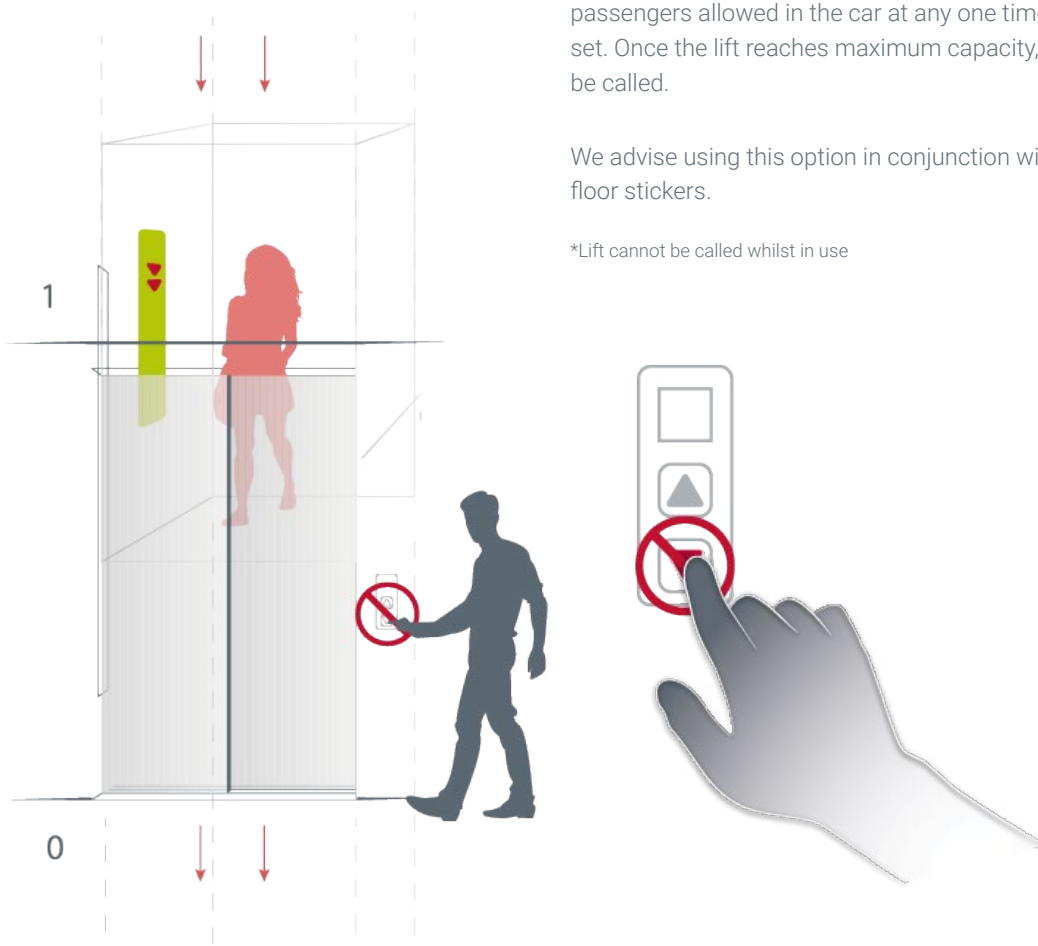


MP offers a solution to ensure that passengers maintain social distancing during their journey without disrupting the flow of traffic through the lift.

Thanks to this solution, the maximum number of passengers allowed in the car at any one time can be set. Once the lift reaches maximum capacity, it cannot be called.

We advise using this option in conjunction with footprint floor stickers.

\*Lift cannot be called whilst in use



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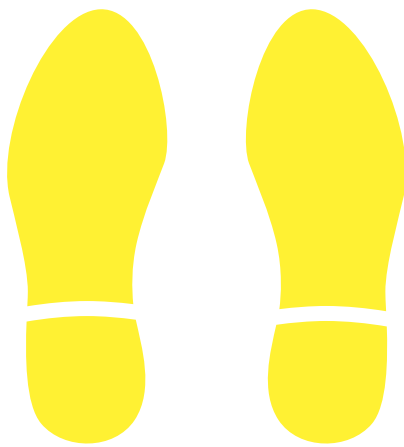


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Social distancing between passengers

## **Social distancing** footprint floor stickers



MP has designed these adhesive markers, which are compatible with all floor types, to indicate where passengers should stand to maintain social distancing.

This solution is designed to complement the 'lift full' feature..



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