

# NOW BREATHE!

A solution for pure uncontaminated air in the cabin, clean of bacteria & viruses



## **CLEAR AIR PROTECTION**



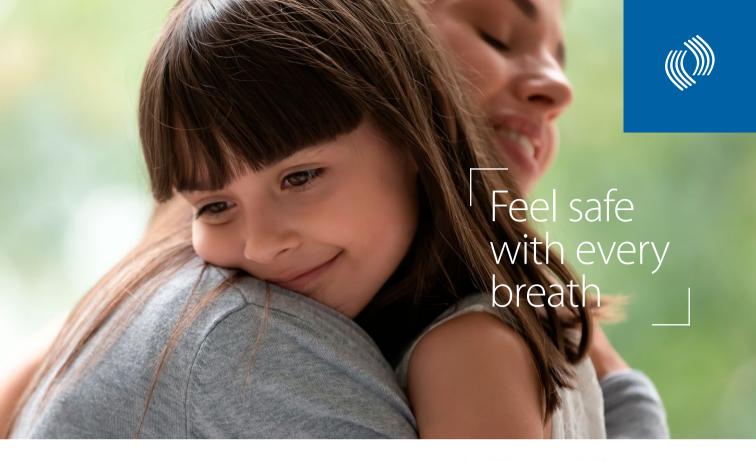
killing rate of bacteria



influenza virus removal rate



catalyst sterilization



### Controlling the cabin environment and protecting health

Today more than ever it is of utmost importance to use strict hygiene measures for the protection of public health. With safety at the core of its values, KLEEMANN presents an innovative series of solutions that safeguard the hygiene in the cabin and protect the passenger at all times.

The Elevator Air Purifier is a two phase technology that uses molecular materials and UV light to totally disinfect the cabin for clean, uncontaminated air. The Air Purifier utilizes technology and engineering to offer a safe and protective environment in the cabin interior.







# enjoy clean uncontaminated air

#### **THE SENSOR**

Motion recognition technology will initiate the purification process automatically once a passenger enters the cabin.

Once the passenger exits, the delayed shutdown function will continue to disinfect for a period of time ensuring that the elevator has been completely sanitized before next boarding.



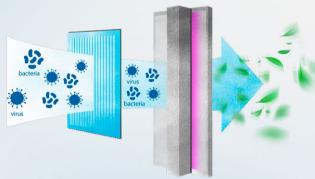
#### **HOW IT WORKS**

# Two phase disinfection and purification function

The Two-Phase function with the use of slow release filter screens and UV light technology, guarantees top performance and protection.

#### Phase 1

The air gets disinfected through GERMAGIC<sup>™</sup>, a powerful and effective molecular material, awarded with the Inventions Geneva 2018 Gold Medal.



#### Phase 2

During the second phase, the air is directed to a wholly-enclosed UV photo catalyst bacteria-killing technology device that permits no UV leakage and has a killing rate of virus and bacteria that exceeds 99%. Disinfection in depth can reduce transmission of droplets without any side effects on the human body.





#### **ELEVATOR AIR PURIFIER**

#### **Advantages**

- Two-phase disinfection and purification function
- Powerful sterilization
   & disinfection
- · Low noise level
- Ultra-thin design
- Easy installation and maintenance
- Motion sensor activated operation
- Energy-saving & high efficiency
- Suitable for both existing and new installations as well as for modernization projects.

#### **Ideal for**

- Residential buildings
- Commercial & public buildings
- Shopping malls
- Hotels
- Hospitals

#### **Technical Characteristics**

Circulating air volume	60m³/h @0Pa
Disinfection bacteria-killing technology	GERMAGIC <sup>™</sup> slow-released molecules + wholly-enclosed UV photo catalyst
Noise	45dB (A) @1m
Rated voltage of adaptor	220V 50/60Hz
Max operation current	1.2A (24V DC)
Voltage adaptor output	24V DC
Rated power	15W
Standby power	3W
Maintenance requirement	Top maintenance of filter
GERMAGIC™ slow release molecular filter replacement	90 days
UV photo catalyst replacement	360 days
External dimension (width $\times$ height $\times$ thickness)	300*150*66mm
Net weight	1.5kg







### **#StaySafe**

See <u>all our measures</u>
See our <u>Corporate Social Responsibility</u>
See our video <u>#ProtectYourselfAndOthers</u>

#### kleemannlifts.com

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