



LIFTCLEANSE AIR
DESIGNED TO PURIFY
THE AIR WE BREATHE

LIFTCLEANSE AIR provides a leading approach to fighting the spread of bacteria and viruses within lifts. Utilising IoT management platforms with real-time monitoring.

99.9%
Sterilisation
Rate

LIFTCLEANSE AIR sterilisation uses LED UVC technology to purify the air we breathe. The LIFTCLEANSE AIR works by constantly recirculating the air over an LED germicidal UVC light array to ensure that the lift compartment receives sterilised, clean air changes.

**ADVANTAGES AND BENEFITS
OF LIFTCLEANSE AIR UVC
SYSTEM**

For several years germicidal UVC LED technology has been successfully deployed in many applications for surface and air disinfection.

The UVC LIFTCLEANSE AIR unit effectively inactivates micro-organisms at the DNA level and has a disinfection rate of up to 99.9%. Unlike other cleaning methods, there is no excess radiation, ozone production or residual chemicals.

Introducing the LIFTCLEANSE AIR system will help to reassure lift users that such a potential risk area is fitted with the very latest sterilisation technology.

An extractor fan passes the air through a HEPA filter system into a sealed chamber containing the LED UVC lighting array.

The purified clean air is then fed back into the lift car.

Installation and operation requires no interface with the lift control panel or lift equipment.



LIFTCLEANSE AIR

Specification:

PRODUCT	STANDARD	MINI
Air Flow	Max 600m ³ /h	Max 270M ³ /H
UVC Power	UVC LED 50-Watt	UVC LED 32-Watt
Input Voltage	100-305 AC 47/63 Hz	100-305 AC 60 Hz
Fan Power	Centrifugal 50-Watt	Centrifugal 63-Watt
Chip Board	SMD 275nm	SMD 275nm
Filter Type	HEPA H13 Grade	HEPA H13 Grade
Disinfection Power	1200mW	1200mW
Weight	9.1 kg	8.1 kg
IP Grade	IP54	IP54
Certification	Gmirco Test, UKCA, CE, RoHS GT	
Energy Efficient	Customisable control 24/7	

Operations Management Platform:

Provides 24/7 Mobile and PC access for reporting and management of all units, across multiple locations if required.



Includes the following features:

PLATFORM FUNCTION	REPORTING
Dynamic Scheduling	Programme when to start and finish
Customised Alarms	Air Changes per hour
Filter	Alerts via email and SMS when replacement is due
UVC	Alerts via email and SMS when UVC LED's are not working
Fan Speed	1-10 fully controllable
Feedback	Alerts to maintenance teams via email and SMS
Reporting	Detailed reports including up time and usage histories

STERILISATION LEVEL

LIFTCLEANSE AIR UVC system is aimed to achieve a 99.9% reduction of bacteria and viruses consistently while the lift is in operation and while on standby.

EVALUATION & INSTALLATION

Our engineering team carries out a site survey for both the unit and Air maintenance platform.

SAFETY CONTROL

LIFTCLEANSE AIR UVC system can operate 24/7 without safety concerns, as there is no ozone produced, no mercury used or dangerous UV levels emitted. The LIFTCLEANSE AIR system is mounted on top of the lift car, hidden away from the lift users.

RETROFIT EXISTING LIFTS OR DESIGN INTO NEW LIFTS

LIFTCLEANSE AIR UVC system can be retrofitted into existing lift interiors or incorporated into the design of new lift cars. Our team will guide how to incorporate LIFTCLEANSE AIR cost-effectively into the lift finishes.

FEATURES

The LIFTCLEANSE AIR unit is designed to fit into any application where air sanitisation is of concern. It also comes with a HEPA H13 grade filter which is quick and simple to replace when required.

Operation of the LIFTCLEANSE AIR system has two controlled options:

- Local control of the unit via handheld remote control (no internet connection required)
- Control via Operations Management Platform, utilising phone, desktop or laptop.

Controls enable:

- Scheduling of operational hours, fan speed control, unit ON/OFF.
- Between 30-95 air changes per hour (for a typical 17 person lift).

BESPOKE FINISHES

A range of fan baffles are available in bespoke colours and materials to match the lift interior.

