F &B UV-C Lighting System

Be a **smart, sustainable and future-ready** F&B operator.

Introduction to UV-C

In the modern world, microbial diseases represent one of the major challenges to worldwide public health. Common examples are influenza and tuberculosis, which have been increasingly drug resistant.

We are increasingly spending more time indoors, and the air we breathe is commonly re-circulated with trapped bacteria, viruses, smoke and toxic gases. UVC radiation is a known disinfectant for air, water and surfaces, and can be an integral part of promoting a comfortable and safe work environment.

Benefits of UV Technology

Anti-microbial Protection

Effective for all types of microorganisms, including bacteria, viruses, fungi and protozoa.

Reliable Disinfection

Effect of UVC has been scientifically proven, and no disinfectant by-products are formed.

Cost-effective & Sustainable

UVC installations require low capital and operating cost, are HACCP compliant, and are safe and environmental-ly-friendly.

Benefits of Office UV-C

Employee Well-Being

Using the benefits of UV-C light, employee comfort and safety will be massively improved.

Healthy Workplace

With a healthy workplace that offers humanised technology, attract and retain the best employees.

Enhanced Performance

With improved productivity, comfort and reliable output, employee performance will surely see an uptick.

UV-C In F&B Outlets

The air we breathe in indoor environments is often anything but clean. With the state of current events, homeowners should be able to feel safe knowing the air in their house is free of bacteria and viruses.

To address growing concerns on how to sanitize surfaces, increase air quality and reduce microbial presence in the surrounding air, UV-C lighting is a viable option. Storeowners can enjoy a higher standard of sanitisation, and create a safe environment for themselves, their employees and their customers.

Applications in the Dining Area

Bathroom Sanitisation

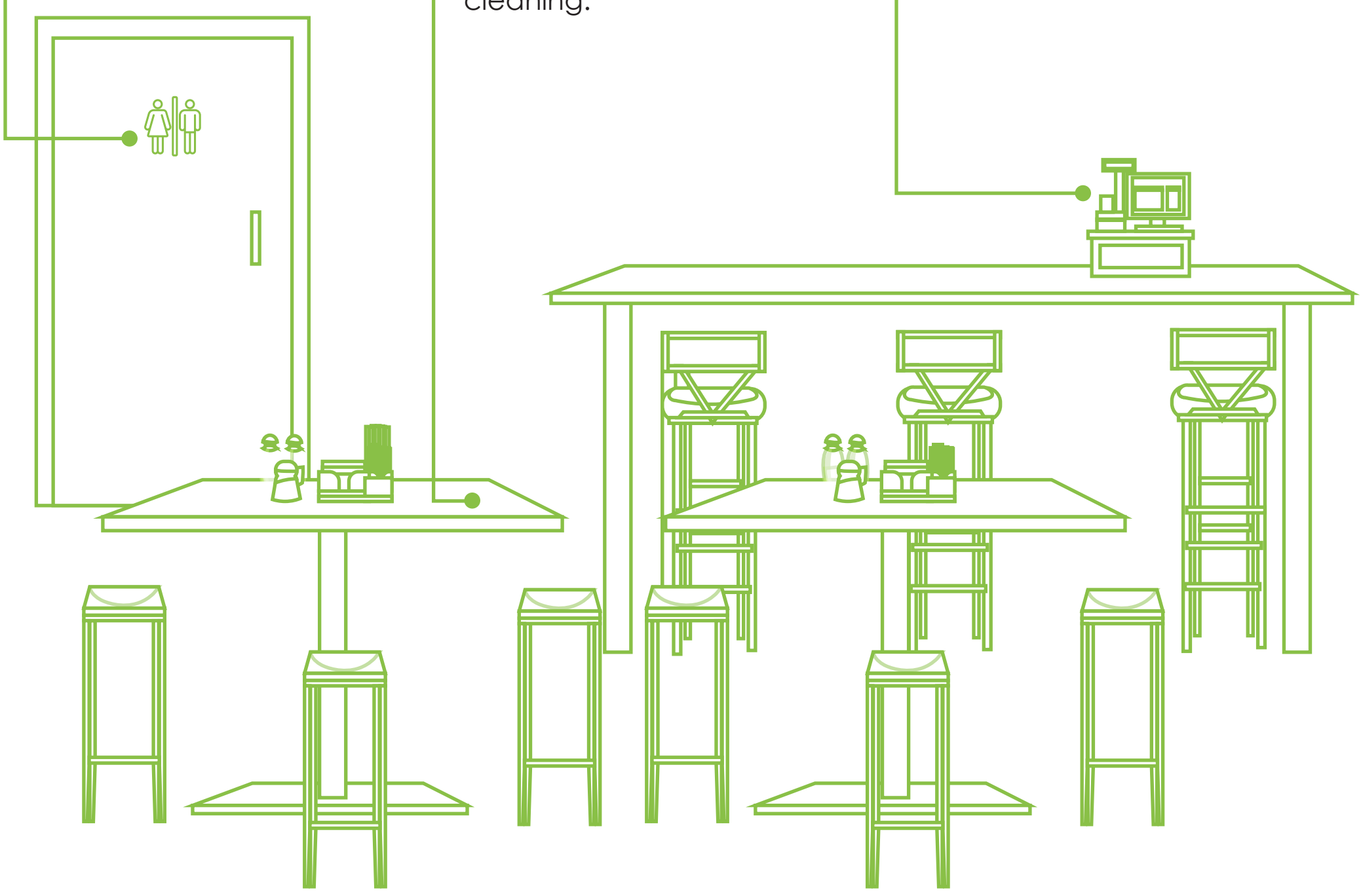
Switched on when empty, UV - C lighting will auto-matically switch off upon detecting motion.

Surface Sanitisation

UV-C can be used to disinfect interior surfaces such as tables, floors and walls, and can be utilised as a multi-disinfection strategy along with regular cleaning.

Localised Area UV-C

For areas particularly prone to contamination (i.e. cash registers, seats), localised UV-C fixtures can be utilised to suppress contamination.



Applications in the Kitchen

Safety Sensors

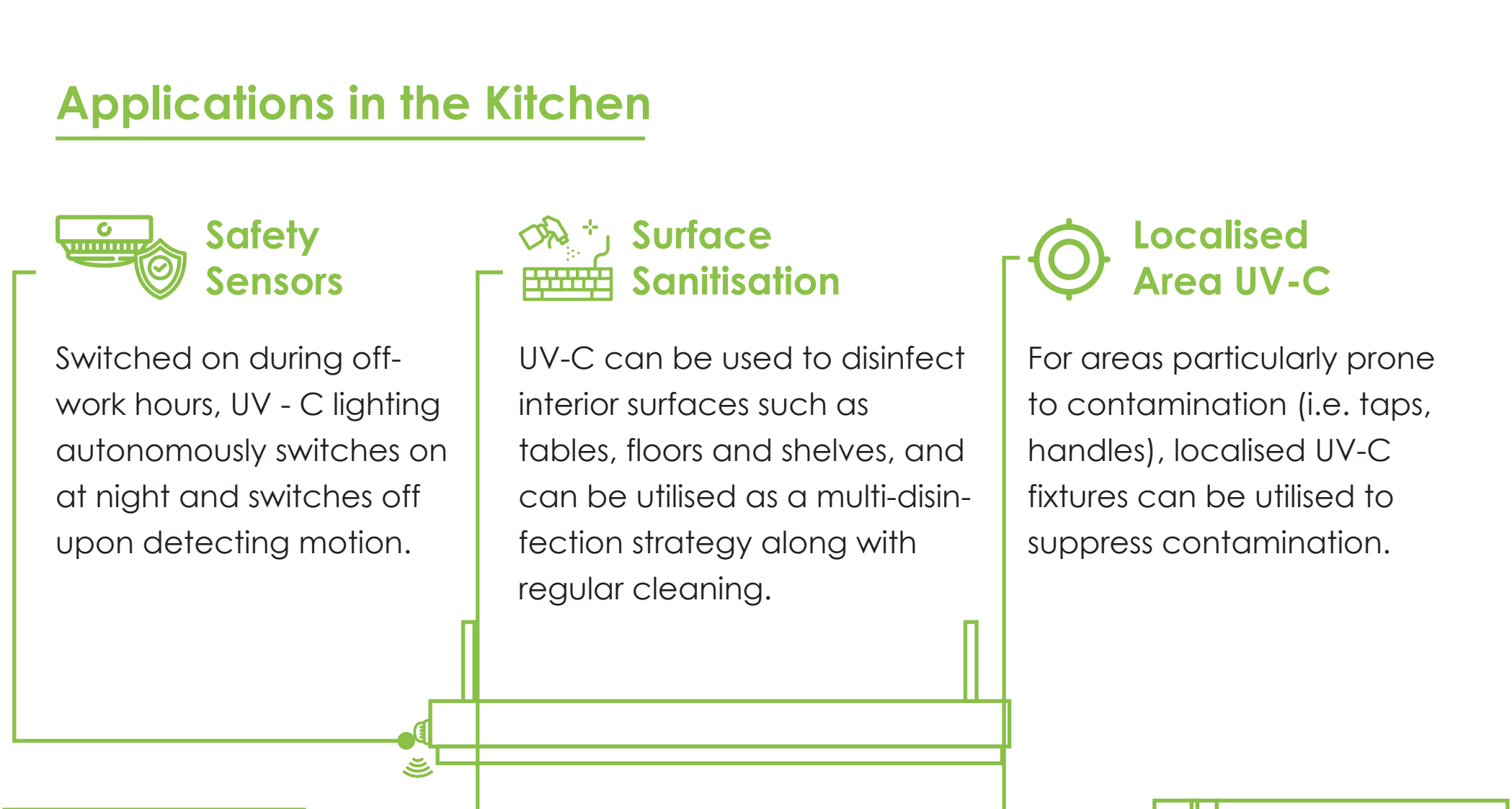
Switched on during off-work hours, UV - C lighting autonomously switches on at night and switches off upon detecting motion.

Surface Sanitisation

UV-C can be used to disinfect interior surfaces such as tables, floors and shelves, and can be utilised as a multi-disinfection strategy along with regular cleaning.

Localised Area UV-C

For areas particularly prone to contamination (i.e. taps, handles), localised UV-C fixtures can be utilised to suppress contamination.



PureZone Anti-Microbial Film

Germs need humidity to proliferate, which commonly occurs when a biofilm develops on surfaces, Composed of micro-organisms and a mucous layer, a mechanical cleaning action is required to clean out.

The Hexis PureZone Anti-Microbial Film forms a barrier against humidity by releasing silver ions from the top layer of the film. These ions come into contact with the bacteria, blocking their metabolism and/or interrupting their proliferation mechanism, leading to their destruction.

Easy to Clean

Waterproof & Conformable

Strong Adhesion

Benefits of PureZone

Anti-microbial Protection

Effective for all types of microorganisms, including bacteria, viruses, fungi and protozoa.

Long-Term Reliability

Tested to be effective 24/7 for up to several years, a little goes a long way.

Ecological Non-Irritant

Environmentally friendly and safe for contact with human skin, this solution is sustainable and safe for everyone.

PureZone Applications

Smooth and sleek, easy to clean and waterproof, it is compatible with cleaning protocols and is resistant to most chemical agents, alcohol, diluted acids and oils.

The films have an acrylic adhesive which is pressuresensitive. Adhesion is immediate, and is permanent after 24 hours of contact. Hexis PureZone Anti-Microbial Film offers performance and protection anytime, anywhere.

Common Areas of Application