LIGHT PROGRESS

ULTRAVIOLET GERMICIDAL IRRADIATION

UV-C disinfection systems for healthcare

Healthcare environment is for sure the most sensitive about hygiene levels control. However it is also the most fertile ground on which to develop issues regarding the spread of viruses, bacteria, moulds, spores and mites.
Light Progress develops and manufactures UV-C systems specific for healthcare field, since 1987.

Microbial contaminations stop in healthcare environments

Infections arising inexplicably during hospital stays or even after patients' releases (HAIs - healthcare associated infections) are the most frequent and serious complications in healthcare field. It is auspicable to supervise every process and choose procedures which guarantee higher levels of sterility and disinfection as much as possible. Light Progress UV Germicidal technology is a useful solution because:

IT ELIMINATES COMPLETELY ALL PATHOGENS

UVGI eliminates bacteria, viruses, spores, fungi, molds and mites, without creating microbial resistant forms as chemical disinfectants and antibiotics do usually.

GOOD COSTS/BENEFIT RATIO

HAIs have a cost in health, as well from an economic point of view. UVGI devices interact with cleaning operations improving there effectiveness.

UVGI systems do not require special maintenance, they just need periodically lamps replacement.

IT IS A PHYSICAL PROCESS, SAFE AND ECO - FRIENDLY

It requires little time to achieve microbial reduction of over 99%. UVGI treatment prevents the onset of such conditions, which are the base of cross-contamination development.

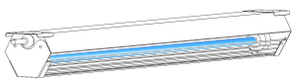
IT IS A DEEP, CONTINUOUS, PROGRAMMABLE DISINFECTION

UVGI method maintains ideal hygienic conditions in healthcare environments, both in presence that in absence of patients and employees.

IT'S EASY TO APPLY, YOU CAN TRUST ON US!

Our expert team work with both big and small healthcare facilities, obtaining always great results. We will help you to choose the best product between our complete range of over 300 different models offering you the perfect solution that will satisfy your needs.

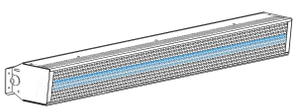
Prevention is the key word !



1. UV-DIRECT

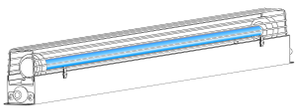
Direct irradiation device, specific for wall/ ceiling application.

Deep surfaces and environments disinfection in absence of people.



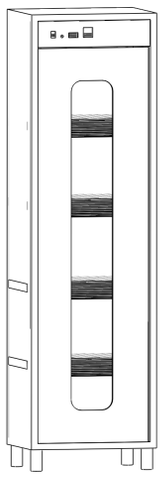
2. UV-FLOW

Specific for decontamination or filter area and/or disinfection of upper room levels, in controlled contamination rooms.



3. UV-STICK

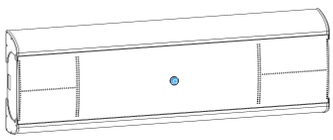
Compact size device, direct surface irradiation available for wall/ceiling application or with useful wheels to move it everywhere a deeper and full disinfection treatment is needed.



4. UV-CABINET

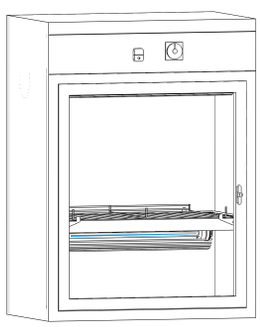
Stainless steel cabinets for sterility maintenance.

Model available with shelves, racks and even with special holders for endoscopic probes.



5. UV-FAN

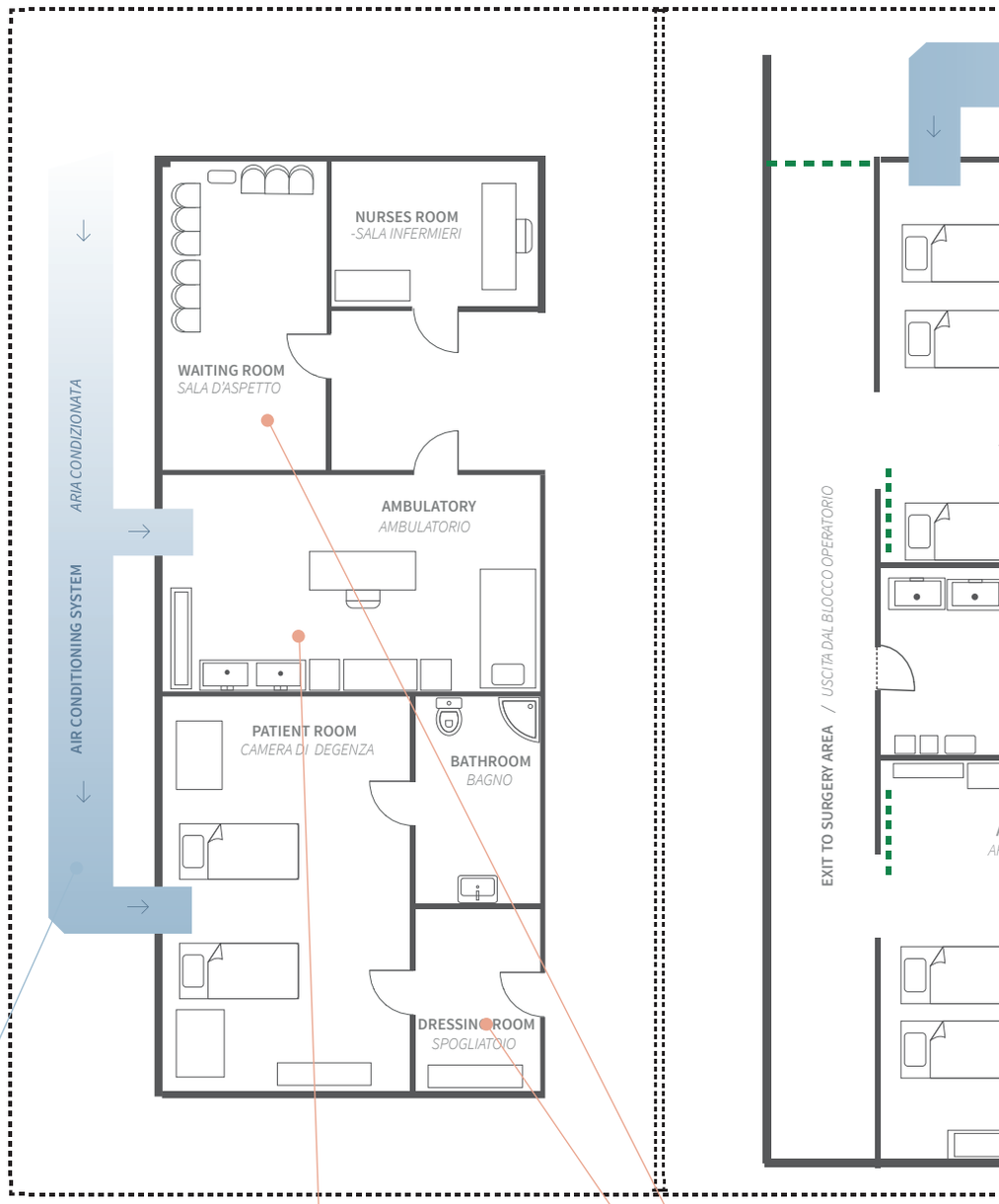
UV-C purifier with special TiOx filter. It can be used 24 hours-a-day to obtain high levels of air quality. –BD model provides you a double treatment, air and surface simply adding an external lamp to the purifier.



6. UV-BOX

Programmable boxes, made in stainless steel, for sterility maintenance. Available also desktop sizes.

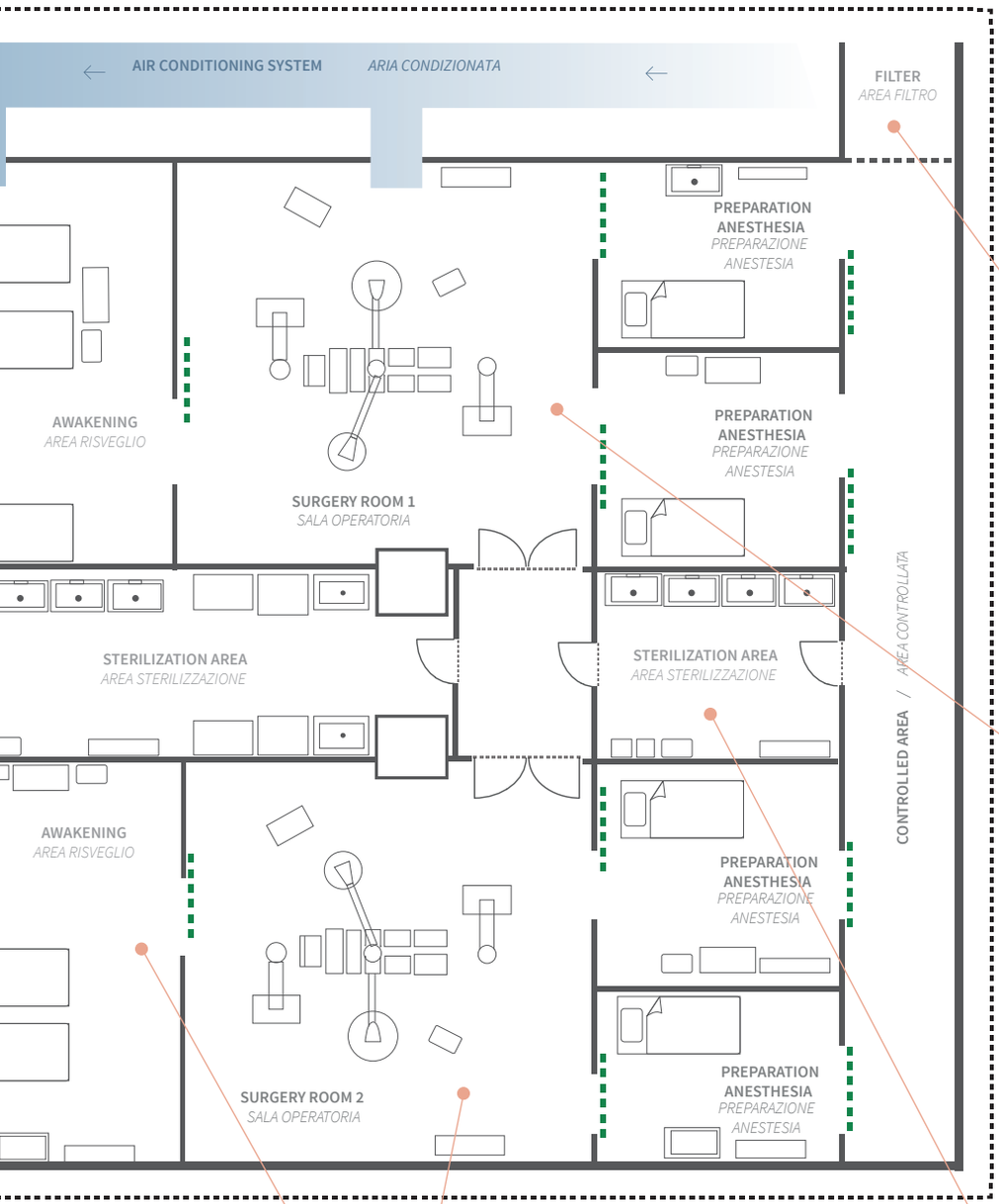
Application Layout



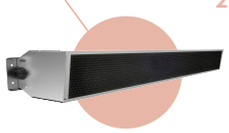
CHECK THE CATALOGUE FOR AIR CONDITIONING TREATMENT AND IMPROVEMENT OF INDOOR AIR QUALITY

6. UV-BOX

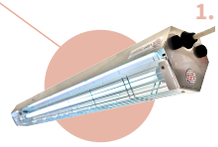
5. UV-FAN



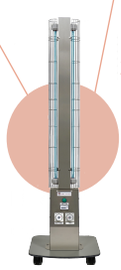
2. UV-FLOW



1. UV-DIRECT



3. UV-STICK (-ST)



4. UV-CABINET

STETCLEAN

Wearable disinfection

The first wearable automatic device for stethoscope disinfection, specifically designed to ensure security and deep hygiene to patients thanks to the action of UV-C LED.

TECHNOLOGICAL FEATURES

- device with innovative LED UV-C technology
- automatic double level of treatment: 3 minutes for standard disinfection plus 2 minutes for deeper disinfection
- automatic activation with placement of the stethoscope
- double control system - optical sensor and mechanical - for activation in operational safety
- microprocessors control irradiation and security
- body in special polycarbonate
- light weight (100 grams) and pocket sized
- operation light indicator: treatment ongoing, treatment complete, low battery, malfunction
- rechargeable battery with standard micro USB cable
- high battery autonomy
- disinfection time adjustable to LED UV efficiency

STETCUBE

Disinfection on your desk

The first desk device stethoscope disinfection, specifically designed to ensure security and deep hygiene to patients thanks to the action of UV-C LED rays.

TECHNOLOGICAL FEATURES

- innovative UV-C LED technology device
- automatic double level of treatment: 3 minutes for standard disinfection plus 2 minutes for deeper disinfection
- compatibile with every stethoscope type and dimension (pediatric, neonatal, cardiological...)
- microprocessors control irradiation and security
- status light indicator: ongoing, treatment complete, low battery, malfunction
- rechargeable battery with standard micro USB cable
- high battery autonomy

www.stetclean.com

Stet Clean: the 4 in 1 solution:

Recent scientific data demonstrate that only 10-20% of sanitary personnel disinfect the stethoscope before using it on each patient, and at each visit. Though, stethoscope contamination from microorganisms increases exponentially between one patient and the next, and, consequently, the possibility of contracting infectious illnesses is very high.
A realistic estimate shows that 5%-7% of Healthcare Associated Infections (HAI) can be attributed to the use of the stethoscope.

Stet Clean is an effective and efficient solution to all these issues because:

PREVENTS
countering and neutralizing the spread of infections bacterial/virus caused by the contamination of the stethoscope

DISINFECTS
through the physical action of the UV-C rays, which eliminate pathogenic microorganisms without the use of any health damaging chemical substance

SIMPLIFIES
promotes a natural change of the daily actions and adoption of the proper habits of hygienic practices

Is ECOLOGICAL
it does not use chemical substances or produce toxic waste.

LED UV-C: effective in just few minutes

STET CLEAN, thanks to a cutting-edge technology, is one of the first device in the world to employ germicidal LED UV.
For the first time, the innovation introduced by STET CLEAN revolutionizes the practices linked with the use of the most common medical instrument through application of LED UV-C technology.

The action of STET CLEAN begins immediately, as soon as it comes in contact with the stethoscope, thanks to the emission of a specific length of the UV-C wave that deactivates the DNA of all microorganisms.

The unique, patented, geometric configuration of the Stet Clean® cone allows the membrane of the stethoscope to be efficiently disinfected.

Laboratory trials have shown how in just 60 seconds the Stet Clean® technology is able to deactivate 85.5% of E. Faecalis, 87.5% of S. Aureus, 94.3% of E. Coli, and 94.9% of P. Aeruginosa (AJIC – American Journal of Infection Control); increased exposure times guarantee even higher levels of disinfection (more than 99%).

BENEFITS FOR HEALTHCARE FACILITIES AND PATIENTS

- lowers the risk of health complications
- contributes to the risk management of the problem of HAI
- diminishes the economic risks which result from the treatment of potential infections
- provides a distinctive image of medical care to patients
- stimulates healthcare professionals in the practice of good hygiene
- customizable
- economical to use and maintain
-

BENEFITS TO DOCTORS

- guarantees constant disinfection with each use
- innovative image thanks to the use of advanced technology
- all-in-one solution (portability, long battery life, simple to recharge)
- no interference with the daily routine (easy to use)

LIGHT PROGRESS

Loc. San Lorenzo, 40
52031 - ANGHIARI (AR) - ITALY
Tel. +39.0575.74.92.55
Fax +39.0575.78.99.29

www.lightprogress.com
info@lightprogress.it

LIGHT PROGRESS OFFERS YOU REAL SOLUTIONS, READY FOR ALL MICROBIAL ISSUES.

We turn simple UV-C sources, such as:

- Low pressure lamps
- Medium pressure lamps
- Amalgam lamps
- LEDs

Into special devices and systems, specific to be applied in different healthcare contexts ensuring the efficacy, simpleness and safety for both patients and employees.