



WE CERTIFY:

That the SanityAir team that is the object of this certification and provided by Sanity-Air, located at Calle Valdemorillo Nº 6- 28925 in Alcorcón (Madrid), complies with the standards and has passed the tests listed below.

The equipment is based on ultraviolet production and expansion into the environment through a ventilation system. Real tests have been carried out to determine the disinfection effects both in environments and on surfaces through its direct incidence on the elements to be disinfected.

Ultraviolet lamps are protected inside the equipment to avoid the harmful effects of its irradiation on people and living beings in general. Such protection makes its operation extremely safe.

An external ophthalmology laboratory has been used to verify possible ocular involvement of the system. Negative result.

On the other hand, the same verification has been carried out through the external laboratory on the safety of the system for the purposes of the respiratory tract, result: does not affect.

If any affectation occurs it is for positive effects since the users of these spaces breathe a pure environment.



Various real tests have been carried out on pathogens in general and staphylococcus aureus has also been used as a control material, allowing us to evaluate its direct efficacy against bacteria, viruses, coronaviruses, mold, fungi, protozoa, etc.

It works effectively in disinfecting aerobics and ambiance.

It complies with the provisions of WHO (World Health Organization) for disinfection of both surfaces and aerobic. The analyzes corresponding to electrical and mechanical safety have been carried out in a separate certificate, and in all aspects that the SanityAir team complies with as specified by international standards.

The maximum effective temperature range must not exceed 40°C and must not be less than 4°C.

Avoid the use for disinfection of products such as ozone and others based on chemical or ultraviolet products.

It also avoids the use of chemicals based on chlorine or derivatives of active chlorine, surfactants, alcohols, etc. since it would only disinfect the surfaces and in the case of chlorine we avoid the harmful effects such as carcinogenic, tanatogenic effects, the formation of chloramines also



carcinogens and the harmful effects on human reproductive quality of these products.

This equipment is ideal for use in multiple applications, we highlight some:

- Hospitals
- Gyms
- Medical Center
- Collective transport
- Cold rooms
- Deodorization of imported textiles
- Pharmaceutical warehouses
- Offices
- Slaughterhouses
- Farms of all kinds
- Mushroom cultivation
- Food industry
- Food white rooms
- Pharmaceutical clean rooms
- Electronic clean rooms
- White stem cell rooms
- Fermentation sauces
- Greenhouses
- Various plantations
- Wine industry
- Meat industry



- Dairy industry
- Fruit chambers that store various types of fruit
- Especially effective in plucked fruit beds (wound scar)
- Call center
- Risk area for respiratory diseases
- Antique dealers
- Libraries
- Museums
- Paper mills

These are just some of the applications of the SanityAir equipment that by improving environmental conditions improves production and considerably reduces losses in merchandise.

In offices and work centers where this ultraviolet-based sanitation system is applied with the appropriate periodicities, the reduction of absenteeism by 27% has been verified. Cases of gastroenteritis and urinary tract infections and other types of infections that can cause serious disorders derived from those human contact surfaces used by various employees such as: printer keypads, photocopiers, keyboards have also been significantly reduced. computer etc.



Various tests have been carried out with different supports with the SanityAir equipment, in all of them the safety and non-alteration of any of the materials and the efficiency of disinfection on them have been verified. The tests have been carried out in accordance with the UNE Standard regarding UV. These tests have been carried out on the following materials and surfaces:

- Petric surfaces
- Plastic surfaces
- Metal surfaces
- stainless steel
- Aluminum
- Copper
- Wool
- Linen
- Cotton
- nylon
- Polyester
- Polyamide
- Silk
- Slimy
- Rayón and its mixtures

Without any case having altered gender or surfaces, nor its finishes or colors.



The same tests have been carried out on leather garments.

Skin compatibility.

All areas that come into contact with the user's skin do not receive any negative effects or cause irritation or any adverse health effect.

According to the WHO (World Health Organization) UV light is considered a very effective disinfectant for all types of bacterial and viral loads, after cleaning the surface inactivates the rotavirus and poliviruses, among other studied pathogens belonging to group IV of coronaviruses.

ITEL remains at the disposal of those directly interested in the analyzes carried out to clarify verbally or in writing any doubts that may arise in this regard or to expand if necessary the concepts contained in this report.

On the other hand, we consider that the SanityAir device in its proper use respects the environment and complies with the specifications that concern it and has exceeded the requirements or objects of these certifications.

The UNE standards and their corresponding ones incorporate the regulatory developments and the corresponding ISO. They demonstrate an efficacy of bacterial lethality: 99.97%.



All tests have taken into account the European directive on medical devices CCE / 93/942.

The disinfection produced by this equipment is constant and sterilizes by itself.

UV disinfection is considered the technology used by the NASA space station since it acts innocently on all kinds of materials.

It has been considered the best systems for the disinfection of elevators given the risk that they imply by itself when used by various people and also because they incorporate one of the most sensitive human contact points for personal contamination.

Through the aerobic decontamination that the SanityAir team produces, it acts efficiently on all human contact surfaces such as: remote controls, articulation controls for patient beds in hospitals, mobile phones, door handles and many more elements than when receiving the UV allow the sterilization of said surfaces.

Prevents the transmission of cross infections.

This equipment complies with the requirements of the European Center for Disease Prevention and Control (ECEC) and the European Union in matters related to surface hygiene. The various analytical tests carried out after using the equipment demonstrate high efficiency in virucidal activities,



also destroying the molecular structure of DNA (deoxyribonucleic acid) and RNA (ribonucleic acid in bacterial viruses).

The equipment's technical sheet is attached and we certify that it is truthful in all its content.

This certification has been made at the request of the company SanityAir and is based on the tests described and on the technical criteria of **ITEL (Spanish Technical Cleaning Institute)** belonging to the research and advice center for cleaning and hygiene.

They are authorized to use this technical report for any diligence and actions that they believe are of interest to them.

The results are considered the property of the applicant and without prior authorization ITEL will refrain from communicating them to third parties.

After one month, ITEL may use the results for scientific and statistical purposes.

ITEL may include in its reports, analyzes, results, etc ... any other assessment it deems necessary even if it had not been expressly requested.

ITEL remains at the disposal of those directly interested in the question raised to clarify verbally or in writing any doubts that may arise in this regard or to expand if necessary the concepts contained in this report.



ITEL reserves a copy of the original report that is sent to the applicant and that will be valid as long as the security properties of the document are not violated.

ITEL assumes all responsibility for this report, not for an erroneous interpretation of it, in which case the signatory will specify the scope and strict meaning that must be given to the report.

ITEL is not responsible in any case for the misuse of the tested materials.

ITEL is not responsible for the improper use that may be made of this report.

They are authorized to use this technical report for as many proceedings and actions as they deem of interest.

What we record for the appropriate purposes.



St. Fruitós de Bages, June 12, 2020

Unidad Certificadora

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Valentí Casas
Presidente de ITEL

Esta certificación está condicionada a que la compañía mantenga el sistema de acuerdo con las normas establecidas, lo que está monitorizado por ITEL.



FICHA TÉCNICA

SANITY AIR

ALIMENTACIÓN	220V AC
CONSUMO ELÉCTRICO	35/41W
SUMINISTRO DE AIRE	50 m ³ /h
VOL MÁX. ACONSEJABLE	≥ 200 m ³
EFICACIA	99% Aire Filtrado
FILTROS	Carbón activo y celulosa
FUSIBLE	10A
MATERIAL	Ácero al carbono recubrimiento Epoxi
DIMENSIONES	570 x 200 x 160
PESO APROX.	5,2Kg