

OXNOVA III



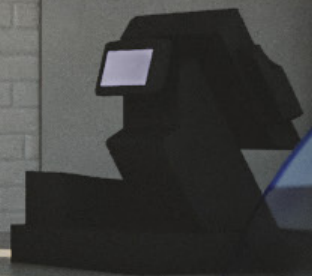
About us

MORE THAN 30 YEARS OF EXPERIENCE
IN THE DEVELOPMENT OF PRODUCTS
BASED ON THE USE OF UV-C LAMPS.

With our own production and assembly plants in the United States, we develop innovative systems designed to improve the quality of life of people through the disinfection and sterilization of environments, with technologies endorsed by the most important health organizations in the world.



OXNOVA III
AIR PURIFIER LINE





OXNOVA

Technology

Disinfection and sterilization of environments, both inside the home and in public places with high concentrations of people, will be an issue to be addressed, either to combat Covid-19 or for the new post-pandemic normality.

THE SYSTEM CONSISTS OF THE FOLLOWING PROCESSES:

AIR FILTERS (HEPA AND ACTIVATED CARBON)

UVC FAR LAMP

AIR IONIZER

O3 CONTROL GENERATOR

Each of these systems is currently used to carry out disinfection processes in laboratories, hospitals, shops, public roads, homes, etc.

All the systems comply with the standards and homologations endorsed by the main organizations worldwide (WHO - FDA - EPA).

OUR GREAT CHALLENGE WAS TO COMBINE THE FOUR MOST EFFICIENT STERILIZATION TECHNOLOGIES IN THE WORLD INTO A SINGLE SYSTEM TO ACHIEVE MAXIMUM EFFECTIVENESS.

Components

01

FILTERS

H14 HEPA FILTER AND ACTIVATED CARBON.

When the system is switched on, we automatically generate a process to extract air from the environment. When air enters, it passes through the filters, leaving viruses and bacteria trapped in the barrier.

In the first stage, the system has already eliminated most of the viruses.

02

HIGH POWER UVC FAR LAMPS

Our high-powered direct UVC FAR radiation system in the filters instantly removes virus and bacterial residues.

FAR UVC radiation is the second barrier for air entering the system, reinforcing the effectiveness of the filters.

03

AIR IONIZER

The third process of the system is to return the ionized air to the environment, free of viruses and bacteria.

Air ionization is a process that removes particles from space by means of negatively charged particles that adhere to the positive ones (dust, bacteria or viruses). The ions produce a chemical reaction in the cell membrane that inactivates the virus.

04

O3 CONTROL GENERATOR

The last process of the system, without the presence of people, consists of performing an ozonization of the space, with 500 mg/h of ozone, generating powerful cleaning and final sterilization, ensuring a 100% effective result.



Operation

Day Mode 



Ambient air entering the equipment.



Air passes through the filters Activated Carbon and HEPA H14 where viruses and bacteria are trapped



The UVC FAR lamp eliminates the virus from the filter.



The air returns ionized to the environment free of viruses and bacteria.

Night Mode 



The night mode must be activated without the presence of people, discharging 500 mg/h of O₃, totally sterilizing the place.

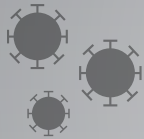


-99,97%

VIRUSES & BACTERIA



Benefits



TOTAL STERILIZATION

The technologies used, eliminate 99.9% of viruses and bacteria.



ENERGY SAVINGS

The "curtain mode" isolates the environment outside climate, reducing the use of heating and cooling.



HEALTH PROTECTION

All the technologies used respecting WHO guidelines.



AIR PURIFICATION

The equipment recirculates the air, returning it ionized to the environment.



SUSTAINABILITY

There is no negative impact on the environment.



PLUG & PLAY

No external output.
Simple to install and ready to use.

Features

GERMICIDAL LAMP UV

The lamp is instant-on and provides the ultimate in quality, sustained production and longevity.

AIR IONIZER

Allows ionized air to be returned to the environment, free of viruses and bacteria

PARTICLE FILTER

Activated Carbon Filter and HEPA H14 Filter.

LAMP HOLDER

The set includes a stationary and a spring loaded telescopic stand that holds the lamp securely.

The spring function at one end allows quick and easy lamp replacement.

POLISHED REFLECTOR

The inner surface is made of polished aluminum which provides a highly reflective plane maximizing the intensity of the lamp.



O3 CONTROL GENERATOR

Ozone generation system controlled by the corona effect.

TOUCH SCREEN

It allows to observe the operation of the equipment, temperature, program and air condition.

OBSERVATION PORTAL / OIII ISOLOGO

Allows visual inspection of the lamps.

STAINLESS STEEL CASE

The unit is made of type 304 stainless steel for an attractive finish and reliable service.

REMOTE CONTROL

The equipment has remote control to perform all basic operations remotely.

STANDARD WALL MOUNTING

It consists of (2) pre-drilled stainless steel brackets.

The brackets allow the unit to be mounted both vertically and horizontally.

OXP450



APPLICATION AREA
40 - 120 m²

DIMENSIONS
450 x 190 x 250 mm

OXP600



APPLICATION AREA
60 - 180 m²

DIMENSIONS
600 x 190 x 250 mm

OXP1000



APPLICATION AREA
100 - 300 m²

DIMENSIONS
1000 x 190 x 250 mm

OXNOVA 

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