



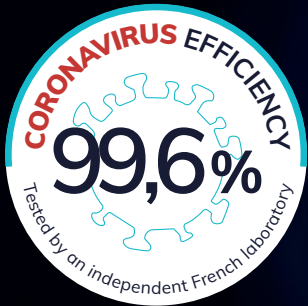


**CORONAVIRUS**

**EFFICIENCY**

**99,6%**

Tested by an independent French laboratory



## **EOLIS AIR MANAGER : is 99.6% effective against coronaviruses**

Following tests carried out by an independent laboratory specialising in microbiology, the following is the certified result obtained on a human strain (229E) which is similar to that of SARS-CoV-2. In ten minutes, the **EOLIS Manager air purifier eliminated 99.6% of the sprayed contaminated aerosols** in an airtight chamber. These measures guarantee, by extension, the effectiveness of the EOLIS Air Manager air purifier against the virus responsible for Covid-19.

## **Why purify the air during a pandemic?**

### **Protect everyone's health**

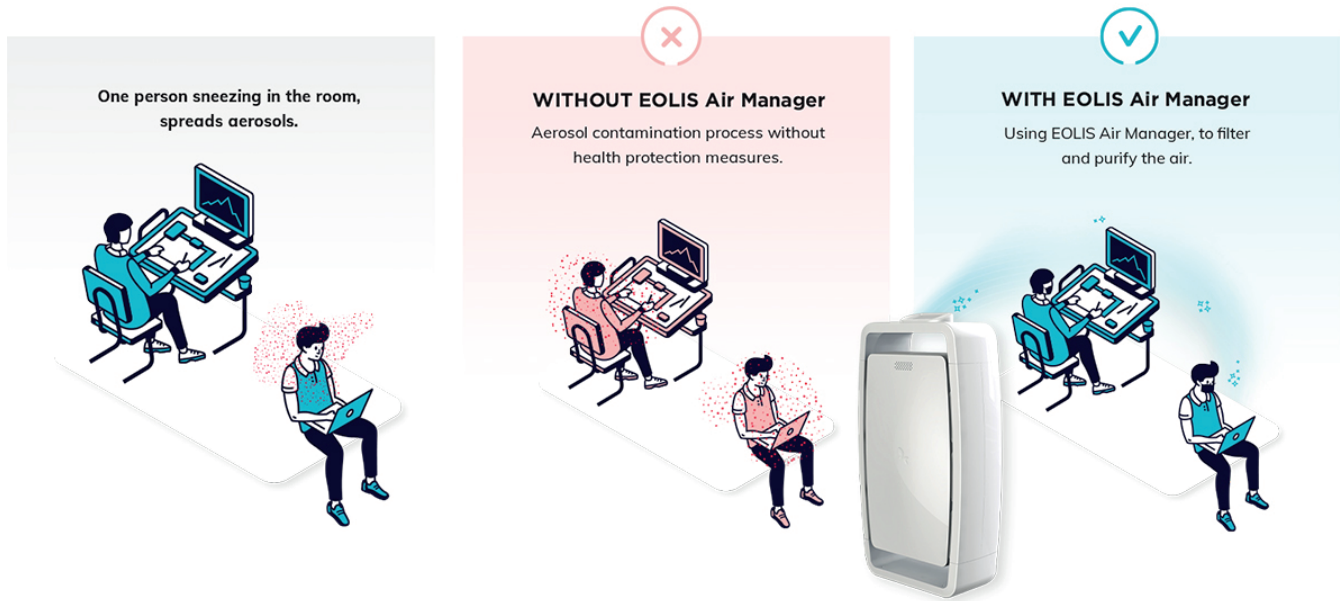
- **Prevent the spread of bacteria and viruses** (flu, gastroenteritis, COVID-19 coronavirus) and **limit cross contamination** in enclosed spaces.
- Against a background of possible spread of the virus by aerosol transmission, that is **an asset in HR terms, reassuring employees** with respect to their health. NatéoSanté can support **your partial return to on-site, rather than remote, working, or business continuity plan.**
- It offers an argument in support of **any business, community body, association or other such structure that is open to clients, regarding its ability to do all it can to combat the potential risk of airborne transmission of viruses.** With the additional bonus of eliminating all types of pollution particles, pollen, etc. - and even unpleasant smells.

### **Role of an EOLIS Air Manager air purifier in the workplace in a COVID-19 context**

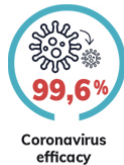
**Air treatment is a key component of any health and safety strategy**, in addition to disinfecting surfaces, barrier measures and social distancing in order to minimise risk.

- **Reduce viral load** in the air of confined spaces by reducing the presence of viruses and bacteria in the air
- **Reassure the employees** about working conditions (pandemic business continuity plan)
- **Reassure the clients** by telling them about the precautions you are taking

# EOLIS AIR MANAGER : additional health security system during a pandemic



The EOLIS Air Manager efficacy tested and verified on coronaviruses



Test conditions:



Air filtered and purified in 10 minutes



Tested in a French independent laboratory



At low speed level (2 out of 5)

## How does the EOLIS Air Manager reduce airborne transmission of viruses?

A unique combination of high technologies de hautes technologies

- **A virucidal, biocidal pre-filter** with EN1276 and EN14675 certification
- **An EN 1822-4 certified medical grade HEPA filter**, shown to be up to 99.97% effective against coronaviruses with a diameter of 120-150 nm, such as COVID 19. All filters are manufactured in France. Each has its own certificate showing its water resistance ratio. NatéoSanté checks and numbers each one for traceability.
- **Germicidal, virucidal UV-C lamps** as used in hospitals. The lamps provide a stable performance throughout their lifespan
- **Our exclusive Deep Clean technology** (EOLIS Air Manager 600S and 1200S) completes the filter combination, strengthening its virucidal action

**NatéoSanté, a member of the French Healthcare association**



NatéoSanté is listed by the French Healthcare association as a French company participating in the national effort to fight the pandemic, by providing equipment to numerous hospitals in France and abroad.

**natéosanté**

www.nateosante.com

**NatéoSanté**

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Rue Gustave Eiffel  
44680 Saint-Hilaire-de-Chaléons  
FRANCE  
00 33 (0)2 85 52 06 75  
contact@nateosante.fr

Saint-Hilaire-de Chaléons, 24<sup>th</sup> January 2020

Subject: EOLIS Air Manager efficiency on 2019-nCov

To whom it may concern,

EOLIS Air Manager, our French professional air purifier dedicated to all complex health situations, reduces efficiently the airborne propagation of viruses, including coronaviruses such as 2019-nCov, thanks to its unique combination of technologies: 1) a **biocidal virucidal prefilter**, 2) a **EN1822-4 certified medical HEPA filter** with up to 99,97% efficiency on a coronavirus of ~ 120-150 nm size, 3) OSRAM PURITEC® HNS® (made in Germany) **germicidal virucidal UV-C lamps** and 4) a reliable, controlled and safe **Active Oxygen exclusive technology**, to complete the virucidal treatment combination.

Our HEPA filters, made in France, rigorously manually controlled and unitary certified according to EN 1822-4 European Norm, are an essential requirement for a promise of quality and high efficiency.

EOLIS Air Manager is the first and only air purifier verified through the Environmental Technology Verification (ETV) of the European Commission. It includes a patented exclusive technology giving a real time indication of the effective filter clogging to maintain at all time a high-performance level and guarantee a clean healthy air. Our air purifiers are 100% made in France, according to ISO 9001 standards, synonym of excellency, traceability and rigour of French quality.

Experts in indoor air quality since 2009, we regularly equip healthcare facilities as well as nurseries and schools, to truly protect sensitive population, such as ill and elderly people or children.

Thierry Ricci  
CEO, NatéoSanté



P.A. du Pont Béranger II  
44680 St Hilaire de Chaléons  
Tél. : 02 85 52 06 75  
Siret : 535 094 148 00017



## FILTER CHARACTERISTICS

Filter Type:	<b>HEPAFIL</b>	Serial Number:	<b>4800053834</b>
Dimensions w*h*d:	<b>258x416x48</b>	Production Number:	<b>16-443-041192816-20160528023-0435</b>
Filter Medium:	<b>Glass Fibre</b>	Test Standart / Method:	<b>DOP SCAN TEST</b>
Pleat Type:	<b>Mini-Pleat</b>	Maximum Permitted Penetration:	<b>0,05%</b>
Referance air flow:	<b>105 m3/h</b>	Efficiency Class EN1822-4:	<b>H13</b>
Intial pressure drop Pa.	<b>110 Pa.</b>		

## MEDIA TEST CONDITION EN 1822

Nom. Flow Rate m3/h:	<b>180</b>	Upstreamchallenge concentration:	<b>60 µg/l</b>
Init. Pressure Drop Pa:	<b>120</b>	Upstreamchallenge reference:	<b>100%</b>
Test Aerosol:	<b>DESH</b>	Maximum measured penetration:	<b>0,0067</b>
Med Diam µ (EN1822-4):	<b>0,3</b>	Minimum measured penetration:	<b>0,0001</b>

## FILTER TEST RESULTS

Number of repairs:	<b>0</b>
Efficiency Class EN 1822:	<b>H13</b>
Efficiency Overall Value:	<b>99,95%</b>
Efficiency @MPPS Local Value :	<b>99,75%</b>
Test Result:	<b>OK</b>

## QUALITY CONTROL

Date : 29.09.2016

Signature: B.B.



Attention: Mr Xavier BLANC  
Responsible distribution France Export NATEO SANTE

Paris, 17 March 2020

**Subject: Attestation of mobilisation in the context of the COVID-19 epidemic**

Dear Sir,

I hereby confirm that NATEO SANTE is a member of the French Healthcare Association, whose aim is to federate French operators specialising in the field of healthcare in their international activities.

French Healthcare Association is currently contributing to the identification of French players with proven solutions that can be implemented in the management of the epidemic and patient care. This inventory is intended in particular for public authorities.

In this context, I confirm that NATEO SANTE is participating in the national effort to fight the pandemic by equipping many hospitals abroad and in France.

With my cordial greetings.

Jean-François Gendron

President of the French Healthcare Association

French Healthcare Association, 77 bd Saint-Jacques, 75 014 Paris. Mail: [contact@frenchhealthcare.fr](mailto:contact@frenchhealthcare.fr). Site web: <https://frenchhealthcare.fr>

- NO ODOURS
- NO POLLUTION
- NO ALLERGIES



## HOTEL Solutions

Various luxury brand hotels worldwide have tested and trusted **EOLIS Air Manager**

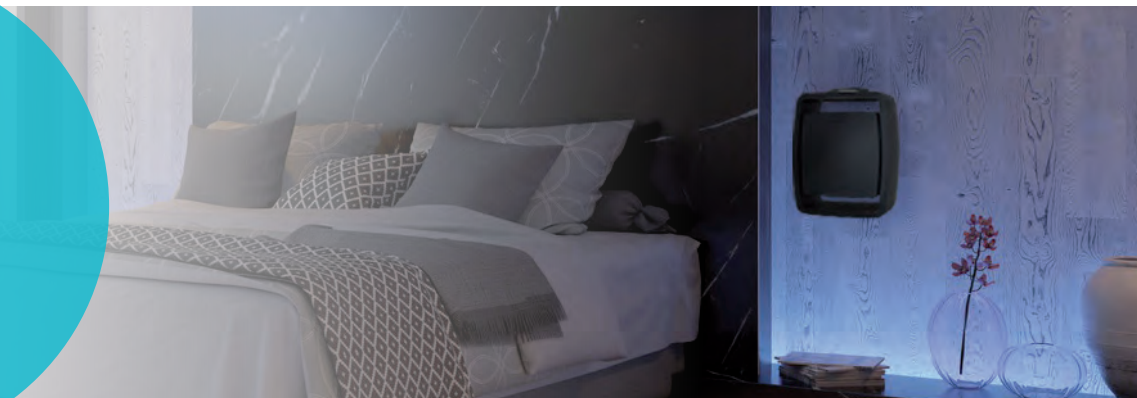
### WHY HOTEL BRANDS CHOOSE THE EOLIS AIR MANAGER:

- Replace and eliminate unwanted odours and pathogens in 1 hour thanks to the **Deep clean Mode**
- Effectively **deodorise and purify the air** providing better indoor air quality to their prestigious guests.
- Keep **more rooms in-service**
- **Save time and money** on carpet and dry cleaning services
- Provide a cleaner, healthier, more enjoyable in-room environment



### THERE ARE MANY SOURCES OF POLLUTION IN HOTELS:

- mould
- PM2.5
- odours
- bacteria
- dust mites
- tobacco
- pollen
- VOCs
- dust





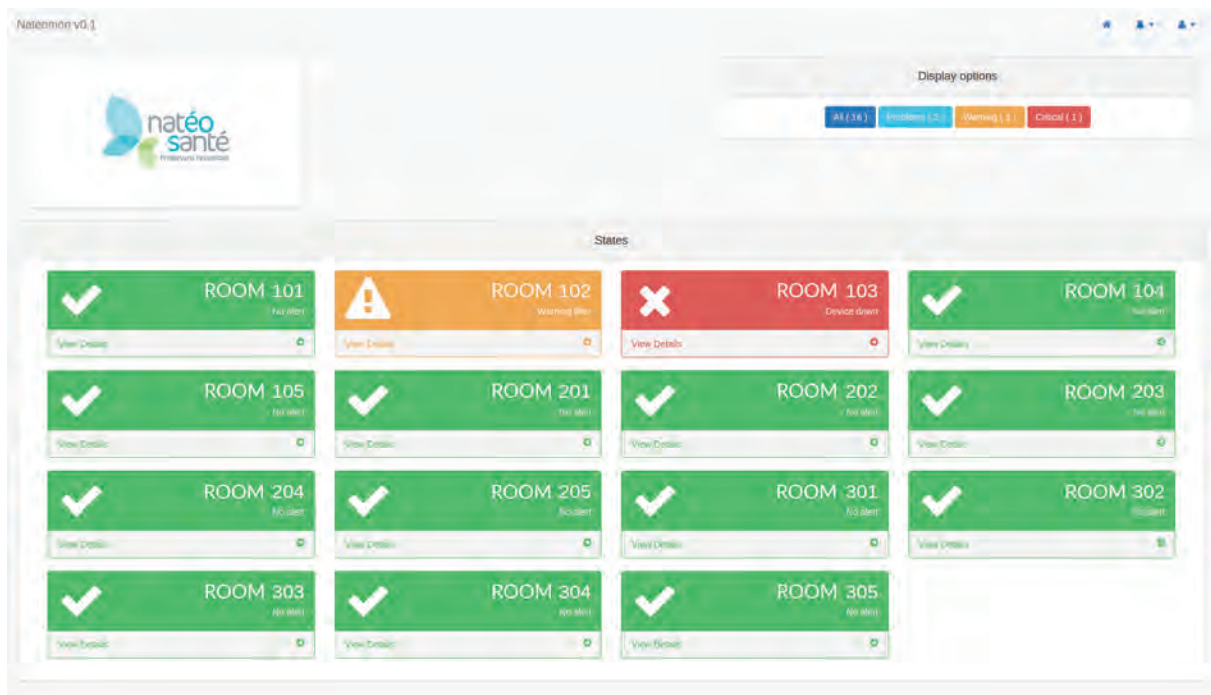
# HOTEL MONITORING SYSTEM

This user-friendly monitoring system offers three user control interfaces: a touch screen panel, computer or smartphone. Because each product is unique and has a specific ID number, we can see how it is functioning and when you need maintenance and filters to be replaced.



## THREE HOTEL MONITORING SYSTEM OPTIONS

The hotel monitoring system can be used directly from the reception desk of each Hotel & Palace to show room air quality in real time. When guests are checking in, you are assured of giving them a purified room (the room is GREEN)



Your distributor can take care of maintenance for you by accessing the hotel's monitoring system from its offices. He will have the opportunity to check that all the units from the hotel are working well and because it will be able to view the lifespan of each unit's filters in real time, it will be able to anticipate when filters need maintenance or replacement.

Finally, we are able to access all units from our office in France in the event that you or your distributor need assistance.



**Find our products & advice at:**

[www.nateosantepro.com](http://www.nateosantepro.com)  
+33 (0) 285 520 675  
[contact@nateosante.fr](mailto:contact@nateosante.fr)

# EOLIS

AIR MANAGER

Partner with

**AIRBUS**  
GROUP

MADE IN  
FRANCE

• VIRUSES • BACTERIA • ODOURS

Choose performance



## HEALTHCARE Solutions



Air quality is of vital importance in healthcare facilities

EOLIS Air Manager air purifier is the **certified solution** for **doctors, podiatrists, dentists, veterinarians, hospitals/clinics, assisted living facilities, etc...**

### WHY CHOOSE EOLIS AIR MANAGER ?

- Avoid the **spread of microorganisms**
- **Purify** the air of consultation, waiting and patient rooms
- **Remove bad odours**
- **Eliminate VOCs**

### PRODUCTS ADVANTAGES:

- **Performance guarantees**
- Monitoring software, **park management** and **traceability**
- **Low energy consumption**
- **Low noise level**

### THERE ARE MANY POLLUTION SOURCES IN HEALTHCARE ESTABLISHMENTS:

- dust
- virus
- mould
- microbes
- dust mites
- odours (body odours, etc)
- bacteria
- PM2.5
- VOCs



# THE 1<sup>ST</sup> AND ONLY AIR PURIFIER VERIFIED BY ETV PROGRAM \*



EOLIS AIR MANAGER is **the only air purification device** to have been selected and verified under the **ETV** (Environmental Technology verification) program, initiated by the **European Commission**.

## A PERFORMANT AND RESPONSIBLE DEVICE

NatéoSanté choose to develop its professional range of products in an eco-design way. Tests obtained by independent French laboratories **confirm the safety (harmlessness) of EOLIS AIR MANAGER**: our purifiers do not emit any particles, VOCs, NO<sub>x</sub>, O<sub>3</sub>, even while in use.

These tests have also proven the device **excellent performances on indoor air pollutants** commonly found in healthcare environments (tested in accordance with standards **NF B44-200 & NF EN 16846-1**).

MICROORGANISMS	CHEMICALS	PARTICLES
<ul style="list-style-type: none"> <li>▪ Bacteria</li> <li>▪ Viruses</li> <li>▪ Fungi</li> </ul> <p>Airborne microorganisms are responsible for <b>nosocomial infection transmission</b>.</p>	<ul style="list-style-type: none"> <li>▪ VOCs</li> <li>▪ Gases</li> <li>▪ Endocrine disrupter</li> </ul> <p>The daily usage of detergents and disinfecting products can be <b>harmful for the medical staff</b>.</p>	<ul style="list-style-type: none"> <li>▪ Dust</li> <li>▪ Squamae</li> <li>▪ Fibers</li> </ul> <p>Particles are responsible for many <b>respiratory pathologies</b>. Microorganisms carried by inert particles matter in the air also favours <b>cross-contaminations</b>.</p>
<p><b>EOLIS Air Manager</b> has proven excellent results on removal of <i>Aspergillus brasiliensis</i> and <i>Staphylococcus epidermidis</i>.</p>	<p><b>EOLIS Air Manager</b> captures and destroys chemicals (such as Formaldehyde, Benzene...) thanks to its integrated technologies.</p>	<p><b>EOLIS Air Manager</b> filters fines particles down to diameters of 0,1 micron with an efficiency up to 99,997%.</p>

Thanks to its unique combination of **performant and controlled technologies**, EOLIS Air Manager offers the best compromise for an efficient indoor air purification and fights **all aspects of pollution**: microorganisms, VOCs, particles but also odours.

\* The EOLIS Air Manager 1200 technology has been verified for the purpose of indoor air treatment in houses, office spaces and other professional environment, including with specific pollution issues, by RESCOLL Verification Body on 17.09.2018. The Statement of Verification has been registered under number 180155-DV and is accessible at the following address: <http://www.verification-etv.fr>.



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[contact@nateosante.fr](mailto:contact@nateosante.fr)

# EOLIS

AIR MANAGER

Partner with

**AIRBUS**  
GROUP

MADE IN



Choose the  
world's best filtration system



- NO ODOURS ● NO POLLUTION ● NO ALLERGIES



## OFFICE SOLUTIONS

EOLIS Air Manager supports the well-being of your employees, allowing them to work in a healthy, productive environment, which contributes towards a lower rate of absenteeism.

### DID YOU KNOW?

- **Better air quality** leads to **11% greater productivity**.
- **Absenteeism caused by poor air quality** costs companies **€440/employee/year**.

### THERE ARE MANY POLLUTION SOURCES IN OFFICES:

CO<sub>2</sub>  
VOCs  
pollen  
PM2.5  
bacteria  
dust mites  
odours  
mould  
paint  
dust

#### Biological pollutants:

- bacteria
- viruses
- dust
- pollen

#### Chemical pollutants of internal origin:

- VOCs
- odours
- smoke
- building materials
- cleaning products

#### Chemical pollutants of external origin:

- exhaust fumes / toxic gases

## WORK PERFORMANCE

A room offering good air quality leads to a high level of satisfaction among its occupants: **more than 85%**.

If the quality of air is below par, the room's occupants will be more prone to ill health such as:

- **concentration problems, headaches, etc.**
- **irritation of the mucous membranes and respiratory passages**
- **skin flare-ups**

The accumulation of these symptoms often **result in an increase in sick leave and compromised work performance.**

## WHY INSTALL EOLIS AIR MANAGER AT YOUR OFFICES?

Our professional EOLIS Air Manager range helps you to eliminate the various sources of pollution in your workplace.



Your work space **is purified in one hour**  
**Protecting the health** of both visitors and employees  
Enhanced work **performance**  
**Reduced rate of absenteeism**



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[contact@nateosante.fr](mailto:contact@nateosante.fr)



AIR PURIFIER  
**EOLIS**  
AIR MANAGER



- NO ODOURS
- NO POLLUTION
- NO ALLERGIES



Choose the world's best  
filtration system



Partner with



# NATÉOSANTÉ IS THE FRENCH SPECIALIST IN INDOOR AIR QUALITY

A key player on the market, NatéoSanté is the technological leader. With 8 years' experience, the company has true expertise and the perfect solution for all air quality issues.

To respond to different markets' requirements, NatéoSanté created **EOLIS Air Manager**, an intelligent, top-of-the-range air filtration system.

# EOLIS AIR MANAGER

# THE 1<sup>ST</sup> INTELLIGENT



## POWERFUL . . .

A compact powerful unit



## ECO-FRIENDLY

Environmentally friendly



## DESIGN . . . . .

Unique patented design



## MADE IN FRANCE

Designed, manufactured and assembled in France



# FILTRATION

## Extremely efficient high-quality filtration : 99,997% pollutants eliminated

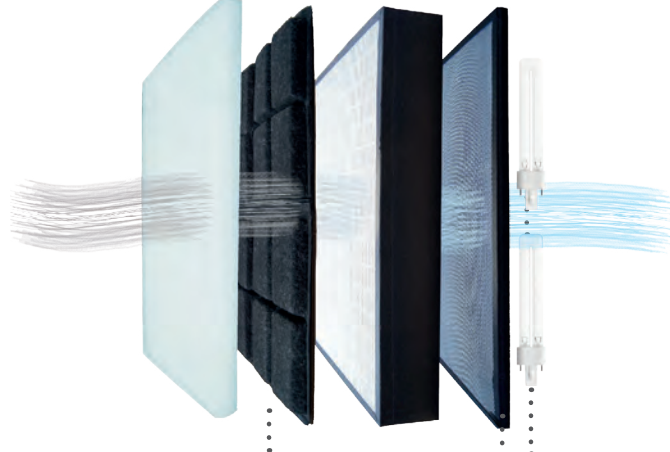
### Antibacterial, virucidal and acaricidal pre-filter certified EN1276 EN14675

bacteria, acaricides (dust mites), pollen, dust, particles (PM10, PM2.5), etc.

### EN1822-certified HEPA or ULPA medical filter

bacteria, acaricides (dust mites), pollen, dust, particles (PM0.1, PM10, PM2.5), etc.

**FILTERS BLOCK**  
MADE IN FRANCE



### Very high density (VHD) activated carbon filter

odours (such as tobacco smoke), gas, VOCs, etc.

### Photocatalysis filter + UV lamp(s)

smoke, VOCs, gas, etc.

# SMART AIR FILTRATION SYSTEM



CONNECTED

Remote control from anywhere in the world



SMART

Control the air you breathe



TOUCH SCREEN PANEL

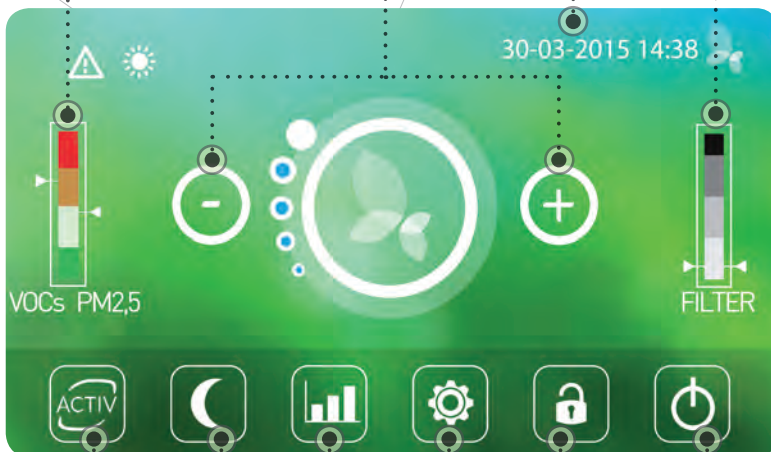


Air quality indicator

Speed control

Date and time display

Filter service indicator



ACTIV mode/  
Manual mode

Night  
mode

Data  
history

Settings

Keypad  
lock

On/Off

# E-HEALTH

## HOW TECHNOLOGY CAN IMPROVE HEALTH CARE

### TECHNOLOGY

- Mototurbine, touch screen panel, high-quality filtration
- High-efficiency photocatalysis developed in collaboration with AFNOR Group

### INNOVATION

- Real-time filter performance display
- Continuously monitor the air you breathe
- Continuous environmental air quality data log (each hour)
- **ACTIV mode:** smart unit automatically adapts to your environment
- **Activ oxygen mode:** eliminates 100% of odors

### FILTRATION

- Antibacterial, virucidal and acaricidal pre-filter certified EN1276, EN 14675: developed with a French laboratory
- **PREMIUM EN1822-certified filters**

## MONITORING SCREENS













Control the air in working and living spaces from a monitoring screen and IT Asset management software.

Stay connected using the EOLIS Air Manager's app for tablets and smartphones.





# Live the **EOLIS** Air Manager experience...

	<b>EOLIS AIR MANAGER 600 • 600 S</b>	<b>EOLIS AIR MANAGER 1200 • 1200 S</b>
Max area treated	<b>60m<sup>2</sup></b>	<b>120m<sup>2</sup></b>
<b>FILTER SYSTEM</b>		
Filters	 Bactericidal virucidal acaricidal pre-filter certified EN1276, EN14675*	 Bactericidal virucidal acaricidal pre-filter certified EN1276, EN14675*
	 Medical-grade HEPA H13 or ULPA U15 filter (optional) certified EN1822	 Medical-grade HEPA H13 or ULPA U15 filter (optional) certified EN1822
	 Very High density activated carbon filter	 Very High density activated carbon filter
Activable Functions	 Photocatalysis	 Photocatalysis
	 Activ Oxygen: deep cleaning (For EOLIS Air Manager 600 S)	 Activ Oxygen: deep cleaning (For EOLIS Air Manager 1 200 S)
<b>TECHNOLOGY</b>		
Air quality indicator	Yes (VOCs and PM2.5)	Yes (VOCs and PM2.5)
Filter service indicator	Yes (real-time measurement)	Yes (real-time measurement)
Air quality data log	Yes (VOCs and PM2.5)	Yes (VOCs and PM2.5)
Activ Mode (advanced intelligence)	Yes	Yes
Supervision monitoring	Yes	Yes
Daily planner	Yes	Yes
Smartphone app	Yes (IOS, Android)	Yes (IOS, Android)
Ultra-quiet night mode	Yes	Yes
Advanced keypad lock	Yes (PIN code)	Yes (PIN code)
Remote control	Yes (from smartphone)	Yes (from smartphone)
UV lamp indicator	Yes	Yes
Available languages	FR, EN, CN, ES, IT, DE	FR, EN, CN, ES, IT, DE
<b>SPECIFICATIONS</b>		
Airflow max (m <sup>3</sup> / h)	500	850
Noise level min / max (dB)	18 ~ 52	18 ~ 59
Fan speed	5	5
Power consumption min / max (W)	13 ~ 60-65	16 ~ 75-80
Size: h x w x d (cm)	50.5 x 38.5 x 23	70.5 x 39.5 x 24
Weight: filters included (kg)	8.9 kg	11.8 kg
<b>SPARE PARTS</b>		
	Block filters made in France (weight: 1.5 kg)	Block filters made in France (weight: 2.6 kg)
	7W UV lamp	2 x 7W UV lamps

\* list of eliminated microorganisms available on our website

Scan & discover  
EOLIS Air Manager!



To scan, download a QR code reader and scan the code :



P.A. du Pont Béranger 2  
44680 Saint-Hilaire-de-Chaléons  
France

[www.nateosantepro.com](http://www.nateosantepro.com)

**+33 (0) 285 520 675**



# AIR PURIFIER EOLIS AIR MANAGER

MOULDS | BACTERIA | ODOURS | CHEMICALS | FINE PARTICLES



Choose the world's best  
filtration system



## DISINFECTION SOLUTIONS



Moulds



Bacteria



Microorganisms



Odours



Fine particles



Chemicals

## FOR HEALTHCARE PROFESSIONALS



Indoor air quality in healthcare establishments is of increasing concern due to the evolution of care practices, the deterioration of buildings and the presence of vulnerable patients.



Hospitals & clinics



Medical offices



Podiatrist



Dentist & Dental clinics



Laboratory



Pharmacy & Parapharmacy

## MONITORING SCREENS



Control the air in working and living spaces from a monitoring screen and IT Asset management software.

# EOLIS

## AIR MANAGER

THE 1<sup>ST</sup> INTELLIGENT



**POWERFUL**.....

A compact powerful unit



**ECO-FRIENDLY** .....

Environmentally friendly and eco-designed



**DESIGN** .....

Unique patented and awarded design



**MADE IN FRANCE** .....

- Designed, manufactured and assembled in France
- Warranty 3 years



## FILTRATION

**EXTREMELY EFFICIENT HIGH EFFICIENCY FILTER**  
99,99% POLLUTANTS ELIMINATED

**Antibacterial, virucidal and acaricidal filter certified EN1276 EN14675**

bacteria, acaricides (dust mites), pollen, dust, particles (PM10, PM2.5), etc.



**FILTERS UNIT**



**Very high density (VHD) activated carbon filter**

odours (such as tobacco smoke), gas,

# SMART AIR FILTRATION SYSTEM

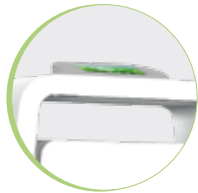


Remote control from anywhere in the world



Control the air you breathe

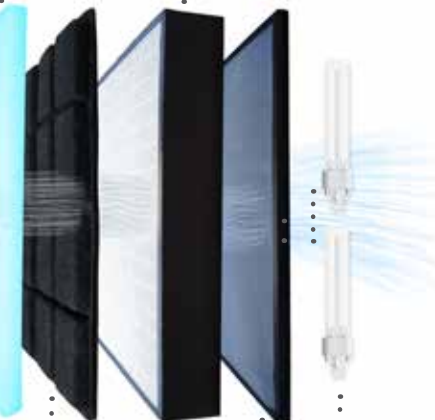
TOUCH SCREEN PANEL



## HIGH-QUALITY FILTRATION: ACTIVATED

**EN1822-certified HEPA or ULPA medical filter**

bacteria, acaricides (dust mites), pollen, dust, particles (PM0.1, PM10, PM2.5), etc.



Activated

VOCs, etc.

**Photocatalysis filter + UV lamp(s)**

smoke, VOCs, gas, etc.



**Exclusive disinfection function (optional)**

impregnated odours, microorganisms, etc.

## HOW TECHNOLOGY CAN IMPROVE HEALTH CARE

### TECHNOLOGY

- Mototurbine, touch screen panel, high-quality filtration
- High-efficiency photocatalysis

### INNOVATION

- Real-time filter performance display
- Continuously monitor the air
- Continuous environmental air quality data log (each hour)
- **ACTIV mode:** smart unit automatically adapts to your environment
- **Activ oxygen mode:** eliminates 100% of odours and destroys microorganisms

### VERIFICATION

















The performance and harmlessness of EOLIS Air Manager was verified through the **European Commission's Environmental Technology Verification (ETV\*)** programme.

The **results of the tests demonstrate this harmlessness:** our air purifiers do not emit any particles, VOCs, NOx, or ozone while in use and they demonstrate **excellent performances** on pollutants typically present in air indoors.

\* The EOLIS Air Manager 1200 technology has been verified for the purpose of indoor air treatment in houses, office spaces and other professional environment, including with specific pollution issues, by RESCOLL Verification Body on 17.09.2018. The Statement of Verification has been registered under number 180155-DV and is accessible at the following address: <http://www.verification-etv.fr>.

# Live the **EOLIS** Air Manager experience...

	<b>EOLIS AIR MANAGER 600 • 600 S</b>	<b>EOLIS AIR MANAGER 1200 • 1200 S</b>
Max treated area	<b>60m<sup>2</sup></b>	<b>120m<sup>2</sup></b>
<b>FILTRATION AND TREATMENT SYSTEM</b>		
Filters units Perform +	 Bactericidal virucidal acaricidal pre-filter certified EN 1276, EN 14675*	 Bactericidal virucidal acaricidal pre-filter certified EN 1276, EN 14675*
	 Medical-grade HEPA H13 certified EN 1822	 Medical-grade HEPA H13 certified EN 1822
	 Very High density activated carbon filter	 Very High density activated carbon filter
Tailored filters units	On request	On request
Activable Functions	 Photocatalysis	 Photocatalysis
	 Activ Oxygen : deep cleaning (For EOLIS Air Manager 600 S)	 Activ Oxygen : deep cleaning (For EOLIS Air Manager 1200 S)
<b>TECHNOLOGY</b>		
Air quality indicator	Yes (VOCs and PM2.5)	Yes (VOCs and PM2.5)
Filter service indicator	Yes (real-time measurement)	Yes (real-time measurement)
Air quality data log	Yes (VOCs and PM2.5)	Yes (VOCs and PM2.5)
Automatic Mode (Activ)	Yes	Yes
Supervision remote monitoring	Yes	Yes
Daily planner	Yes	Yes
Smartphone app	Yes (IOS, Android)  	Yes (IOS, Android)  
Ultra-quiet night mode	Yes	Yes
Advanced keypad lock	Yes (PIN code)	Yes (PIN code)
Remote control	Yes (from smartphone)	Yes (from smartphone)
UV lamp indicator	Yes	Yes
Available languages	FR, EN, CN, ES, IT, DE	FR, EN, CN, ES, IT, DE
<b>SPECIFICATIONS</b>		
Noise level min / max (dB)	18 ~ 52	18 ~ 59
Fan speed	5	5
Power consumption min / max (W)	13 ~ 60-65	16 ~ 75-80
Size : h x w x d (cm)	50.5 x 38.5 x 23	70.5 x 39.5 x 24
Weight : filters included (kg)	8.9 kg	11.8 kg
<b>SPARE PARTS</b>		
	Filters units made in France (weight : 1.5 kg)	Filters units made in France (weight : 2.6 kg)
	7W UV lamp	2 x 7W UV lamps

\* List of eliminated microorganisms available on our website

## Partners



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**natéo  
santé**

Air Purifier

DESIGNER MANUFACTURER

# EOLIS

## AIR MANAGER

Up to 120m<sup>2</sup>



EOLIS AIR MANAGER  
**600 • 600 S**



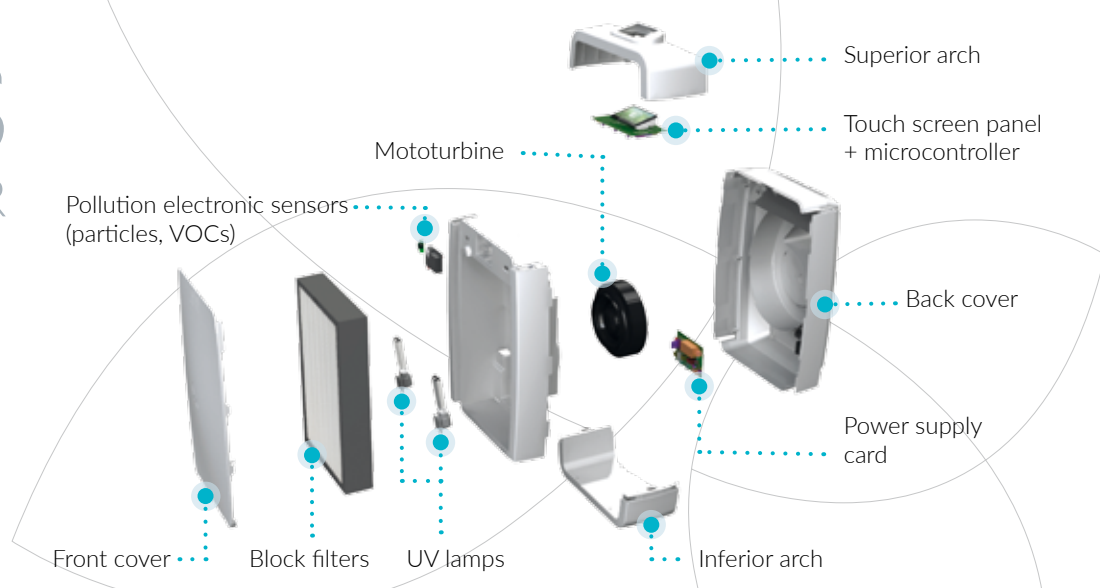
EOLIS AIR MANAGER  
**1200 • 1200 S**



# EOLIS

## AIR MANAGER

Up to 120m<sup>2</sup>



	EOLIS AIR MANAGER 600 • 600 S	EOLIS AIR MANAGER 1200 • 1200 S
Max area treated	60m <sup>2</sup>	120m <sup>2</sup>

FILTRATION AND TREATMENT SYSTEM		
Block filters Perform +	Bactericidal virucidal acaricidal pre-filter certified EN 1276, EN 14675*	Bactericidal virucidal acaricidal pre-filter certified EN 1276, EN 14675*
	Medical-grade HEPA H13 certified EN 1822	Medical-grade HEPA H13 certified EN 1822
	Very High density activated carbon filter	Very High density activated carbon filter
Tailored block filters	On request	On request
Activable Functions	Photocatalysis	Photocatalysis
	Activ Oxygen: deep cleaning (For EOLIS Air Manager 600 S)	Activ Oxygen: deep cleaning (For EOLIS Air Manager 1200 S)

TECHNOLOGY		
Air quality indicator	Yes (VOCs and PM2.5)	Yes (VOCs and PM2.5)
Filter service indicator	Yes (real-time measurement)	Yes (real-time measurement)
Air quality data log	Yes (VOCs and PM2.5)	Yes (VOCs and PM2.5)
Automatic Mode (Activ)	Yes	Yes
Supervision monitoring	Yes	Yes
Daily planner	Yes	Yes
Smartphone app	Yes (IOS, Android)	Yes (IOS, Android)
Ultra-quiet night mode	Yes	Yes
Advanced keypad lock	Yes (PIN code)	Yes (PIN code)
Remote control	Yes (from smartphone)	Yes (from smartphone)
UV lamp indicator	Yes	Yes
Available languages	FR, EN, CN, ES, IT, DE	FR, EN, CN, ES, IT, DE

SPECIFICATIONS		
Noise level min / max (dB)	18 ~ 52	18 ~ 59
Fan speed	5	5
Power consumption min / max (W)	13 ~ 60-65	16 ~ 75-80
Size : h x w x d (cm)	50.5 x 38.5 x 23	70.5 x 39.5 x 24
Weight : filters included (kg)	8.9 kg	11.8 kg

SPARE PARTS		
	Block filters made in France (weight : 1.5 kg)	Block filters made in France (weight : 2.6 kg)
	7W UV lamp	2 x 7W UV lamps

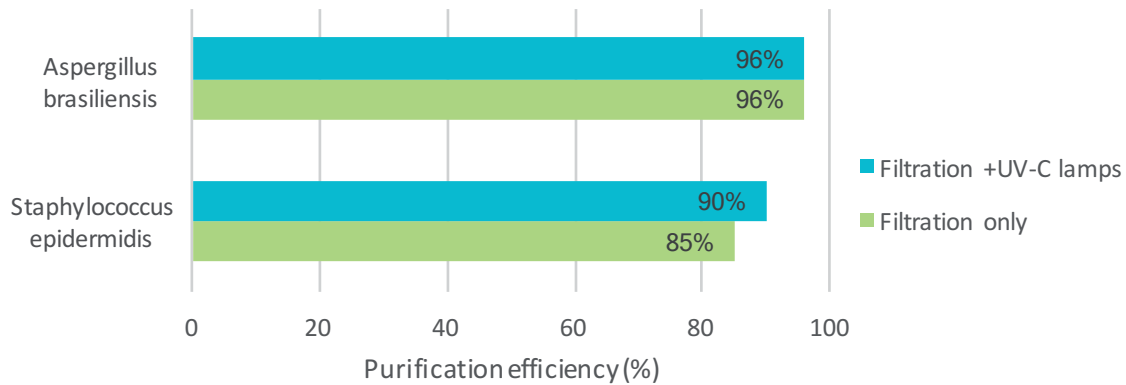
\* list of eliminated microorganisms available on our website



An independent laboratory has tested the performances of EOLIS AIR MANAGER on a gram+ bacteria, *Staphylococcus epidermidis*, and on a fungus *Aspergillus brasiliensis* (previously *A. niger*).

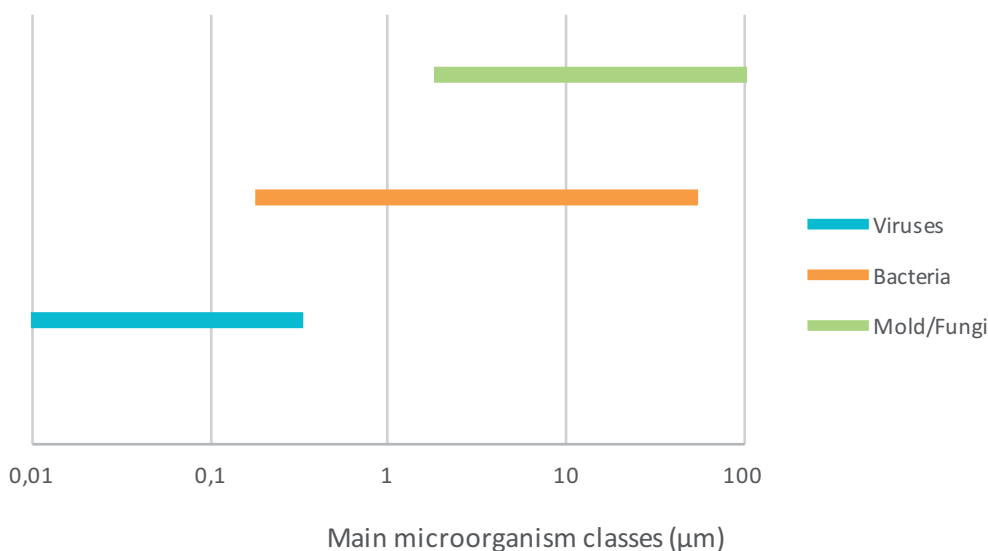
Microorganisms (viruses, bacteria, fungi...) are efficiently retained by our HEPA or ULPA filters units. With our PERFORM+ filters block, 85% of bacteria and 96% of mold are destroyed in one single pass through the air purifier.

Activation of germicidal UV-C lamps in association with our photocatalytic filter enables to increase the elimination of bacteria, up to 90% in these particular testing conditions:



## EXPERIMENTAL CONDITIONS:

- Test carried out with an EOLIS AIR MANAGER 1200S air purifier, equipped with a PERFORM+ filters unit at filtration speed 5 ; by external laboratory TERA ENVIRONNEMENT, in accordance with standard NF B44-200
- An aerosol containing microorganisms is generated continuously upstream of the purifier ; air samples are taken upstream and downstream of the purifier and colonies are counted after 72h of incubation
- The above graph shows the average efficiency obtained on 5 successive series of 5 tests each



## ADDITIONAL INFORMATION:

Our PERFORM+ filters units have proven their high efficiency against microorganisms. NatéoSanté developed a filter particularly suitable to capture nanoparticles: the NanoStop filters unit. This filter offers an optimal filtration on viruses and bacteria, and will bring improved results.



# EOLIS AIR MANAGER PERFORMANCE REPORT ON FORMALDEHYDE AND BENZENE

EOLIS AIR MANAGER has been tested by the independent French Laboratory TIPEE to verify its performances on Formaldehyde and Benzene and complies with regulation effective in France on indoor air quality monitoring in schools and kindergartens (decree n°2011-1728B).

## TEST PROTOCOL:

The evaluation of the air purifier by TIPEE laboratory has been made in accordance with standards XP B44-200 & XP B44-013.

The concentration of each component generated was:

- 31,1 $\mu\text{g}/\text{m}^3$  for benzene
- 40,1 $\mu\text{g}/\text{m}^3$  for formaldehyde

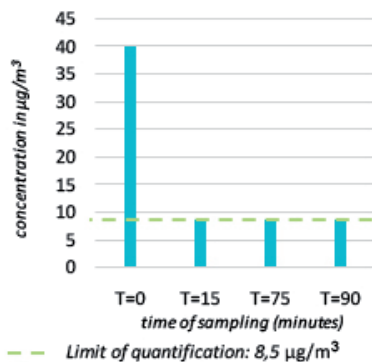
Pollutants were injected continuously inside the testing rig.

The air renewal rate inside the enclosure was fixed at 0.5 volume/hour which is a typical average air renewal rate in houses.

The device was placed inside a 1000L capacity chamber (1.5m x 0.65m x 1.02m) and tested at speed 2 with UV lamps on.

## RESULTS:

### Formaldehyde

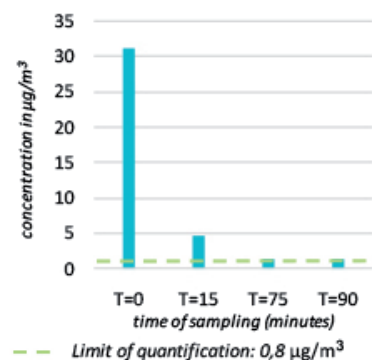


With EOLIS Air Manager working for 15mn, the concentration of formaldehyde within the chamber was divided by 5.

This result demonstrates that the professional air purifier EOLIS Air Manager enables to reach the limit value of 30 $\text{mg}/\text{m}^3$  currently implemented in France by the regulation on indoor air quality monitoring in primary schools and kindergartens. It also enables to reach the limit value of 10  $\text{mg}/\text{m}^3$  that will be implemented on 1st Jan 2023 in other schools and premises open to the public.

Limit of quantification: in the testing conditions, it was not possible to measure formaldehyde concentrations below 8.5  $\text{mg}/\text{m}^3$ . This limit was reached within 15mn.

### Benzene



The purifier performance enables to obtain a reduction from the initial benzene concentration of :

- 85% in 15mn
- over 95% after 1h30

These tests have demonstrated the capacity of EOLIS Air Manager to reduce benzene concentration below the level of 2 $\text{mg}/\text{m}^3$ , which is the limit implemented in compliance with regulation effective in France on indoor air quality monitoring in schools, kindergartens and premises open to the public (decree n°2011-1728B).

## NEED MORE INFORMATION?

Do not hesitate to contact us

## EOLIS AIR MANAGER FINE PARTICLES PERFORMANCE REPORT (SIZE 0,3µm)

### TEST CONDITIONS\* :

- EOLIS AIR MANAGER 600 air purifier is placed in a room of 74m<sup>3</sup>
- Starting air quality : in alert area, over the average acceptable pollution level (risk for general population)
- EOLIS Air Manager is turned on at maximum speed (level 5) for 60mn
- 0,3µm size particle concentration is measured every 2mn

#### Measuring device used :

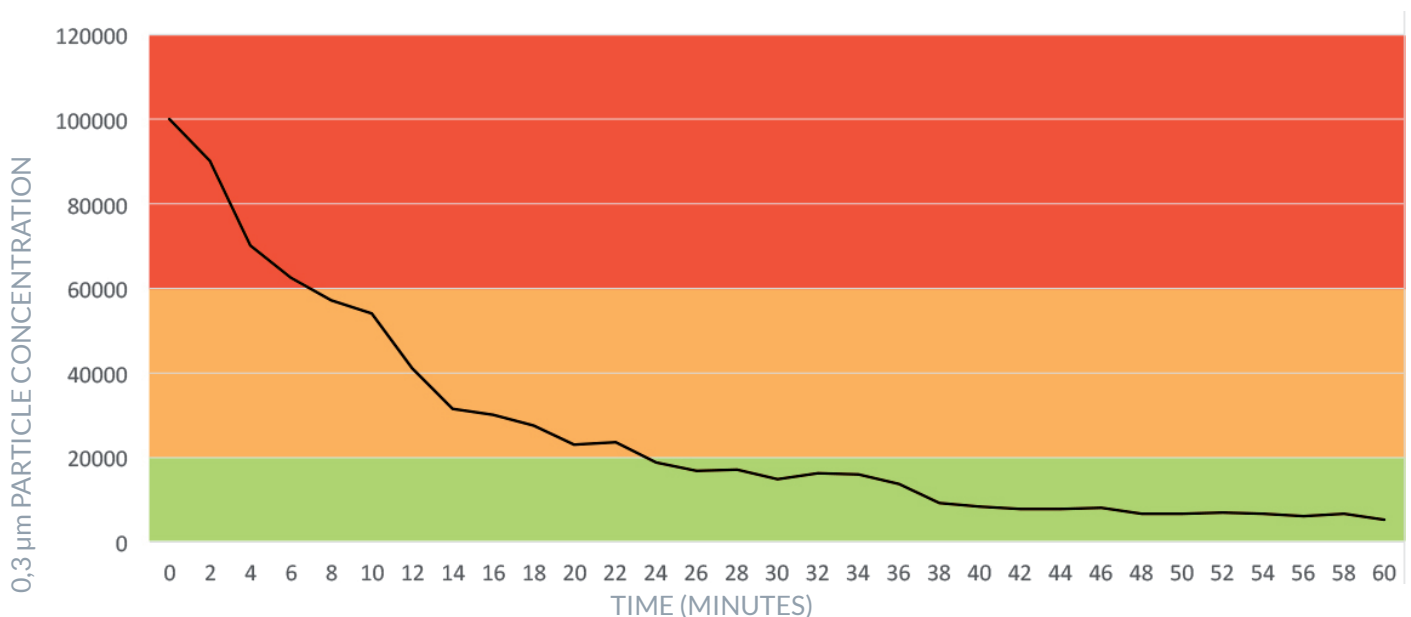
Reference of the particles measuring device is CEM DT-9881. This device measures the concentration of size 0,3µm particles in the room.

#### Filter used inside EOLIS AIR MANAGER :

HEPA H13 (15mm Antibacterial, virucidal and acaricidal prefilter + 48mm HEPA H13 filter + 20mm Very high density VHD activated carbon filter + 5mm Photocatalysis filter)

These tests enable to visualize the performance of EOLIS AIR MANAGER on fine particles (size 0,3µm) concentration, for a closed defined area.

### RESULTS: PARTICLE CONCENTRATION EVOLUTION (0,3 µm)



**Good quality area**  
good air quality, low level of pollution

**Acceptable quality area**  
healthy people can feel some impact on their heart, lungs or respiratory system

**Alert area**  
drastic impact on respiratory system, even if the physical activity is limited ; general risk for all population ; high risk for people with cardiac conditions, elderly persons and children

### CONCLUSION :

This test shows that in 60mn, EOLIS AIR MANAGER 600 can reduce by 94,8% the quantity of particles of 0,3µm in a closed area, in accordance with of the prescribed treatment surface given.

## EOLIS AIR MANAGER PERFORMANCE REPORT ON CORONAVIRUSES

An independent French laboratory, specialist in microbiology, has tested the performances of EOLIS Air manager on a coronavirus strain.

### EXPERIMENTAL CONDITIONS

- Air purifier tested : **Serial EOLIS Air Manager 600S equipped with a Perform+ filter block**, consisting of the following components:
  - A biocide pre-filter certified according to EN 14675: 2006 / EN 14476
  - A high-density activated carbon filter
  - A HEPA 13 filter certified according to EN 1822
- An aerosol of droplets, contaminated with a known concentration of human coronavirus (strain HCoV-229E), was generated inside an airtight enclosure for five minutes.
- **The EOLIS Air Manager air purifier was then switched on for 10 minutes at the low speed 2 setting.**
- After operating for ten minutes, an indoor air sample was collected.
- Following an incubation time of seven days, the concentration of surviving viruses in this sample was determined.
- A control test of the purifier without a filter was then compared to a test with a filter. Each test was repeated three times.



The tests on the EOLIS Air Manager air purifier have been entrusted to an independent laboratory

### Selection of viral strain

The strain of coronavirus used during the tests is not the one responsible for COVID-19 for obvious handling and safety reasons. However, NatéoSanté chose to test the effectiveness of EOLIS Air Manager on **a very similar strain of human coronavirus that was discovered in the 1960s: strain 229E.**

**Its physical and biological characteristics** (enveloped, positive-sense, single-stranded RNA structure, dimensions ~60-200 nm, etc.) **are similar to those of all the human coronavirus strains, including the most pathogen ones such as MERS-CoV and SARS-CoV-2.**

### RESULTS

Over an operating period of 10 minutes at speed 2, the EOLIS Air Manager 600S air purifier **eliminates 99.6% of the human Coronavirus 229E** present in the air of the 0,54 m<sup>3</sup> airtight enclosure.

**EOLIS Air Manager** air purifiers are usually **in operation 24 hours a day. Additionally, they offer the cumulated benefits of EN 1822 certified HEPA H13 filtration, UV-C lamps and the active oxygen function.** The results allow us to confirm the effectiveness of EOLIS Air Manager in reducing the airborne coronavirus viral load.