

Indoor Air Quality Solution for You

# Wellis Air Disinfection Purifier

## WADU-02



**AIRTECHNIC**  
www.airtechnic.gr

Air-Conditioning & Ventilation Components & Systems



# AIRTECHNIC

www.airtechnic.gr

Air-Conditioning & Ventilation Components & Systems

High Tech, High Efficiency Air Disinfection Purifier!

## More powerful and smart

Enjoy clean and fresh air with Wellis.

Wellis will take care of cleaning your air.



(W)220mm x (D)150mm x (H)370mm

## Simple Control and Compact Design

Simple Control Compact Design



### Automatic operation

Automatically purifies airborne and surface contaminants



### Night Mode

Minimal noise, quiet functioning  
Low brightness for comfortable sleep.



### Cartridge Alarm

Lets you know in advance time to replace cartridge



### Alert

Notifies in case of empty cartridge or when improper inserting causes a stop in function

Economical and easy-to-use Wellis Air Disinfection Purifier!

High level of **energy efficiency!**

Easy **maintenance!**

- ❖ Are you interested in 24/7 operation without worrying about electricity cost?

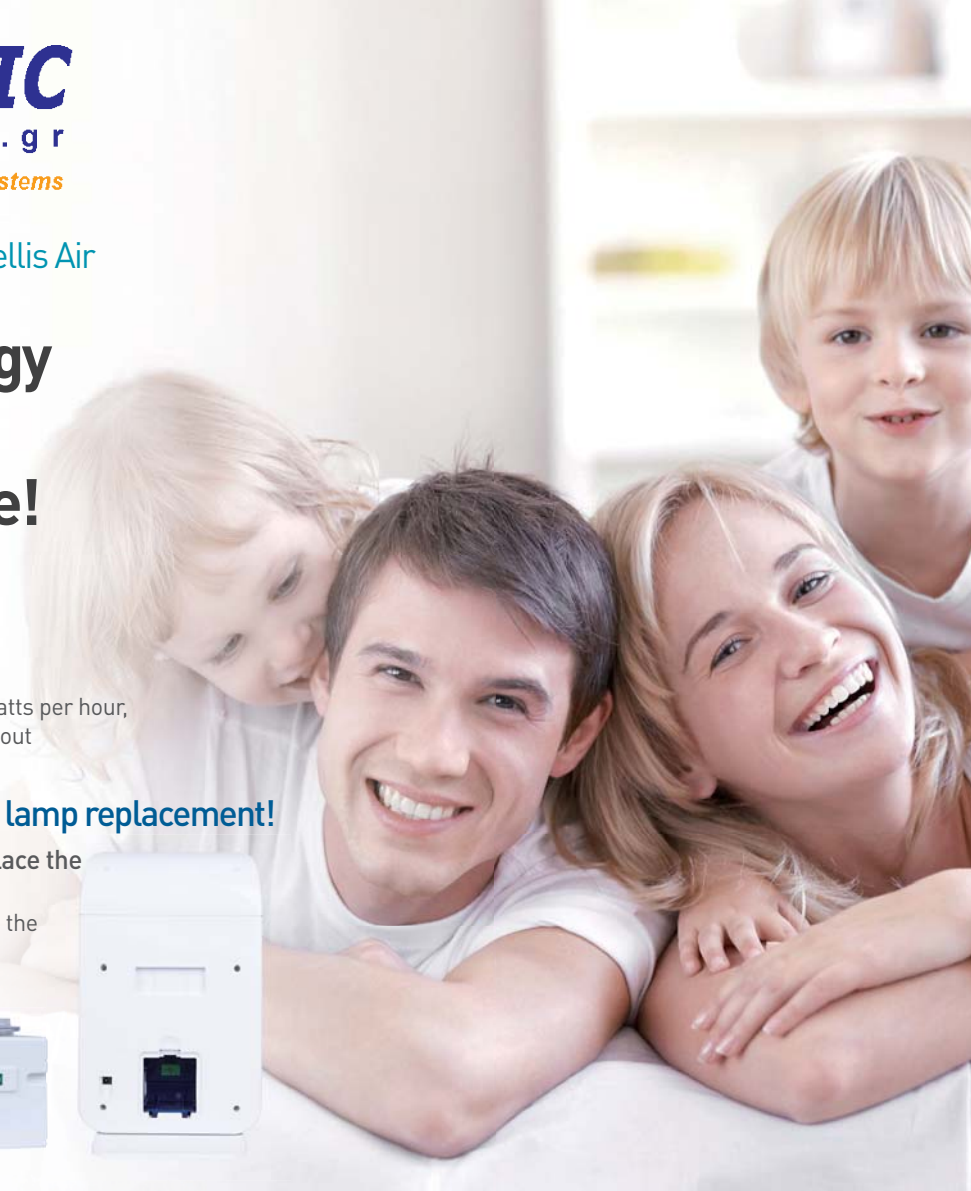
Wellis can clean air for 24 hours using 3.6 Watts per hour, which is 0,22 €/month, and 2,64 €/year in about 50m<sup>2</sup> area of space.

- ❖ No more expensive (lters or UV lamp replacement!)

Anyone can easily and conveniently replace the cartridge with one touch.

You can enjoy top performance if you replace the cartridge every 3 months.

(The operating life of consumable fluid cartridge varies depending on environment, including indoor temperature, humidity, etc.)



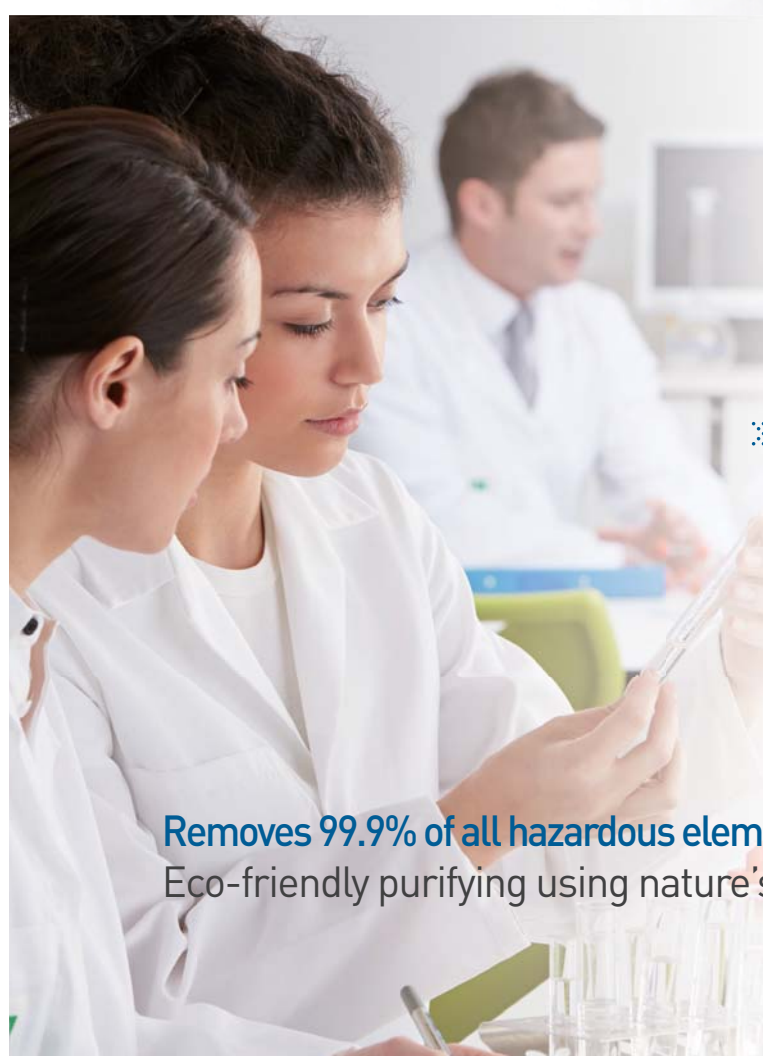
Wellis is excellent for a contaminated environment!

**Superior Technology**  
by Wellis!

- ❖ Using Military Defense Technology

Using OH in the atmosphere, Military Defense developed this technology in the 1970s for CBR (Chemical/Biological Radiological) warfare. It was commercialized in the 1990s in European hospitals and shows excellent results in the removal of harmful substances such as bacteria, germs and viruses, harmful gases, mold, and respiratory allergens that cause a contaminated environment.

**Removes 99.9% of all hazardous elements** including viruses, bacteria, and mold!  
Eco-friendly purifying using nature's **air purifying** principles!



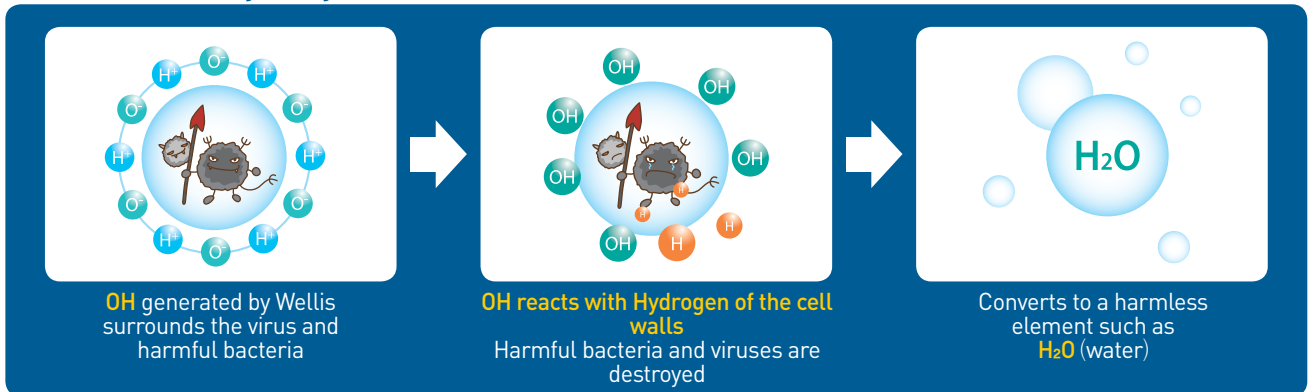
# Wellis's Excellence!

**Wellis air disinfection purifier** generates abundance of the natural air purifying substance OH, at an eco-friendly level of clean area (8,000,000~10,000,000/CC), by adopting nature's air cleaning methods.

## ❖ What is OH (Hydroxyl Radical)?

**OH (Hydroxyl Radical)** is a powerful purifying substance that is generated naturally by sun light, ozone, and moisture in the air, and it harmlessly disappears along with other air pollutants.

## ❖ How does OH (Hydroxyl Radical) work



**AIRTECHNIC**  
www.airtechnic.gr

Air-Conditioning & Ventilation Components & Systems



# AIRTECHNIC

www.airtechnic.gr

Air-Conditioning & Ventilation Components & Systems

## Wellis's Excellent Disinfection!

### Microbial decontamination

Pathogens (bacteria, viruses),  
House dust, mites, droppings,  
Allergens (pet dander, pollen), mold  
(fungi, spores)



Protects against pathogenic diseases  
(asthma rhinitis, atopic dermatitis)

### Deodorization control

Cigarette odor, food, sewage  
smell, pet odors



Removes unpleasant odors and  
maintains a comfortable indoor  
environment

### Removal VOCs (Volatile Organic Compounds)

Formaldehyde, toluene, benzene



Effects to prevent sick building  
syndrome, atopic dermatitis, blood  
modification, and blood cancer

## No more worries! Recommend for:



Those who worry about  
**harmful gases** in the kitchen



Those who suffer from **cigarette,  
food odors**



Those with **atopic dermatitis,  
asthma, or allergies**



Those who spend long hours in  
**hospitals, offices or schools**



Those who suffer from **sick  
building syndrome**



**Students** who need health care



**Babies and elderly**  
with weak immune systems



Those who want to use an air  
purifier **24/7 without worrying**  
about high electricity cost



**AIRTECHNIC**

www.airtechnic.gr

Air-Conditioning & Ventilation Components & Systems

# Wellis

High Tech, High Efficiency Air  
Disinfection Purifier!

**More powerful and smart**

Enjoy clean and fresh air with Wellis.  
Wellis will take care of cleaning your air

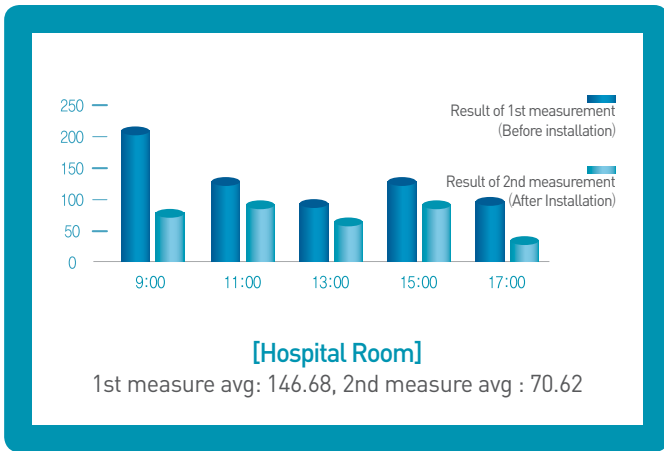


WADU-02

The **more test** ,the **more safety guaranteed** in product

❖ Test results at International Naeun Hospital

❖ Hospital Installation Case



Doctor's office



Waiting room

Test Result

**50% + of pathogenic bacteria reduction** overall  
 \* Detected pathogenic bacteria  
 - Staphylococcus aureus, Escherichia coli, purulent streptococcus, Streptococcus pneumoniae

❖ KCL (Korea Conformity Laboratories) TEST RESULTS

Items	Result			Environment
	Initial density	4 hours later (CFU/mL)	Bacteria reduction (%)	
Antibacterial test for E. coli	1.7x10 <sup>4</sup>	<10	99.9	(37.0±0.1)°C (33.1±0.2)% R.H.
Antibacterial test for Pseudomonas aeruginosa	1.9x10 <sup>4</sup>	<10	99.9	
Antibacterial test for Staphylococcus aureus	1.4x10 <sup>4</sup>	<10	99.9	
Antibacterial test for Salmonella	1.6x10 <sup>4</sup>	<10	99.9	(37.0±0.1)°C (33.1±0.2)% R.H.
Antibacterial test for Pneumonia	2.0x10 <sup>4</sup>	<10	99.9	
Antibacterial test for MRSA bacteria	1.2x10 <sup>4</sup>	<10	99.9	

Result

It shows a **99.9% reduction** in bacteria pathogens during an antibacterial test run to verify the existence of bacterial contaminants on surfaces such as clothing and furniture.

Items	Result			Environment
	Initial density	4 hours later (CFU/mL)	Bacteria reduction (%)	
Reduction test for Airborne microbes (K pneumoniae)	1.2x10 <sup>4</sup>	<10	99.9	(23.0±0.1)°C (50.2±1.0)% R.H.
Reduction test for Airborne microbes	1.0x10 <sup>4</sup>	<10	99.9	(23.0±0.1)°C (50.2±1.0)% R.H.

Result

It shows a **99.9% reduction** in bacteria and a reduction in floating microorganisms during a test run to verify the existence of suspended microorganism inactivating contaminants in indoor air.

Items	Result
Deodorization efficiency (ammonia NH <sub>3</sub> , 4h)	80
Deodorization efficiency (Toluene C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub> , 4h)	99.5 +
Deodorization efficiency (formaldehyde, HCHO, 4h)	65

Result

For Toluene, it shows a deodorizing efficiency of more than 99.5%.  
 \*Toluene : substances included in petrochemicals such as paint and glue. It causes sick building syndrome



**AIRTECHNIC**

www.airtechnic.gr

Air-Conditioning & Ventilation Components & Systems

**Wellis**

Wellis thinks of health of your family.

**AIRTECNICS**

Conca de Barberà, 5 - Pol. Ind. Pla de la Bruguera  
E-08211 Castellar del Vallès (Barcelona) Spain  
TEL : +34 93 714 36 36  
www.airtechnics.com

Indoor Air  
**Quality Solution**

Μιχαήλ Καραολή 19 143 43, Ν. Χαλκηδόνα, Αθήνα  
Τηλ: 211 - 70.55.500 & 210 - 21.30.051, Fax: 210 - 22.23.283