

Indoor Air Quality Solution

# Wellisair Air Disinfection Purifier

## WADU-02



**Wellisair**  
Air disinfection performance

High Tech, High Efficiency Air Disinfection Purifier!

Removes 99% of all hazardous elements

Enjoy clean and fresh air with Wellisair



**Wellisair**  
Air disinfection performance

(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 Wellisair Air Disinfection Purifier!

## High level of energy efficiency! Easy Maintenance!

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

Wellisair can clean air for 24 hours using 3.6 Watts per hour, which is £0.37 a month and £4.54 a year for 50m<sup>2</sup> area of space.

- ❖ No more expensive filters or UV lamp replacement!

Anyone can easily and conveniently replace the cartridge with just one touch. Cartridge will last 3 months.

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



Wellisair is excellent for a contaminated environment!

## Superior Technology by Wellisair!

- ❖ Using Military Defense Technology

The use of OH as a purification method was developed in the 1970's to combat CBR (Chemical/Biological/Radiological) warfare. It was commercialised in the 1990s in European hospitals and shows excellent results in the removal of harmful substances such as bacteria, germs and viruses, harmful gases, mould and respiratory allergens that cause a contaminated environment.



Removes 99.9% of all the hazardous elements including viruses, bacteria and mould

Eco-friendly purifying using nature's air purifying principles!

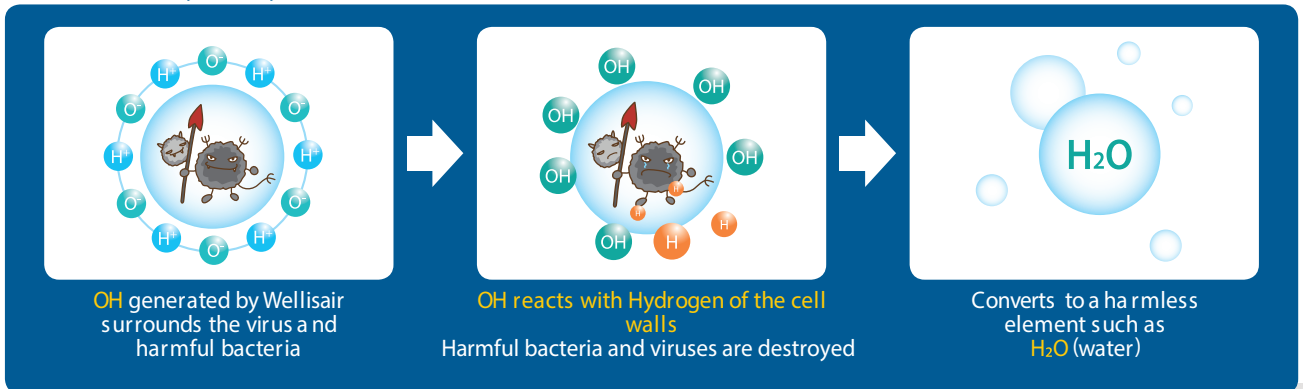


The Wellisair generates an abundance of the naturally occurring OH at a level of 8 -10,000,000/cc cleaning the air by adopting and expanding nature's own methods.

### ❖ What are Hydroxyl Radicals (OH)?

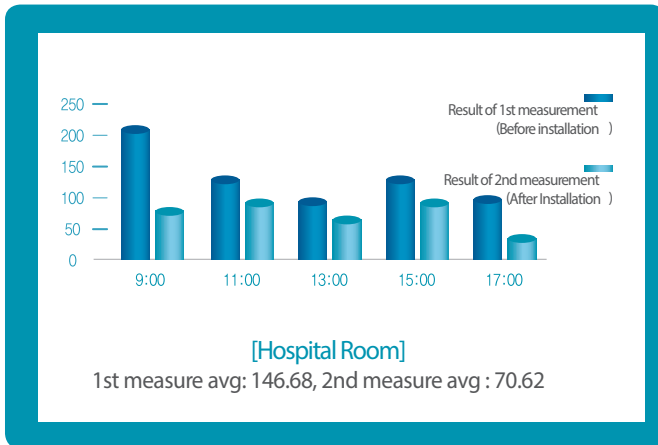
OH (Hydroxyl Radical) is a powerful purifying substance that is generated naturally by sun light, ozone, and moisture in the air, it harmlessly disappears along with other air pollutants.

### ❖ How does Hydroxyl Radical (OH) work?



# Tests that guarantee the effectiveness of Wellisair

## Test results at International Naeun Hospital



### Test Results

50% + of pathogenic bacteria reduction overall

\* Detected pathogenic bacteria

– Staphylococcus aureus, Escherichia coli, purulent streptococcus, Streptococcus pneumoniae

## KCL (Conformity Laboratories)

Items	Result			Environment
	Initial density	4 hours later (CFU/mL)	Bacteria reduction (%)	
Antibacterial test for E. coli	$1.7 \times 10^4$	<10	99.9	(37.0±0.1) (33.1±0.2)% R.H.
Antibacterial test for Pseudomonas aeruginosa	$1.9 \times 10^4$	<10	99.9	
Antibacterial test for Staphylococcus aureus	$1.4 \times 10^4$	<10	99.9	
Antibacterial test for Salmonella	$1.6 \times 10^4$	<10	99.9	(37.0±0.1) (33.1±0.2)% R.H.
Antibacterial test for Pneumonia	$2.0 \times 10^4$	<10	99.9	
Antibacterial test for MRSA bacteria	$1.2 \times 10^4$	<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)	$1.2 \times 10^4$	<10	99.9	(23.0±0.1) (50.2±1.0)% R.H.
Reduction test for airborne microbes	$1.0 \times 10^4$	<10	99.9	(23.0±0.1) (50.2±1.0)% R.H.

### Result

99.9% reduction in bacteria and micro organisms during the test. Test conducted to verify the existence of suspended microorganism in indoor air.

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

### Result

For Toluene, it shows a deodorising efficiency of more than 99.5%.

\*Toluene : substances included in petrochemicals such as paint and glue. It causes sick building syndrome



Indoor Air  
**Quality Solution**

**Wellisair**

**Axair Fans UK Limited**  
**Lowfield Drive**  
**Centre 500**  
**Wolstanton**  
**Newcastle-Under-Lyme**  
**ST5 0UU**

[www.axaironline.co.uk](http://www.axaironline.co.uk)

01782 349 430

[sales@axair-fans.co.uk](mailto:sales@axair-fans.co.uk)