

# U MODEL

AIR PURIFIER **CUCKOO**





# U MODEL

WIDEST COVERAGE EVER

1161 sqft

Featuring **True HEPA+ H14 Filter** with **Copper Sulphide** Coating.

- Effectively **Remove Up to 99.995%** of Bacteria and Viruses.

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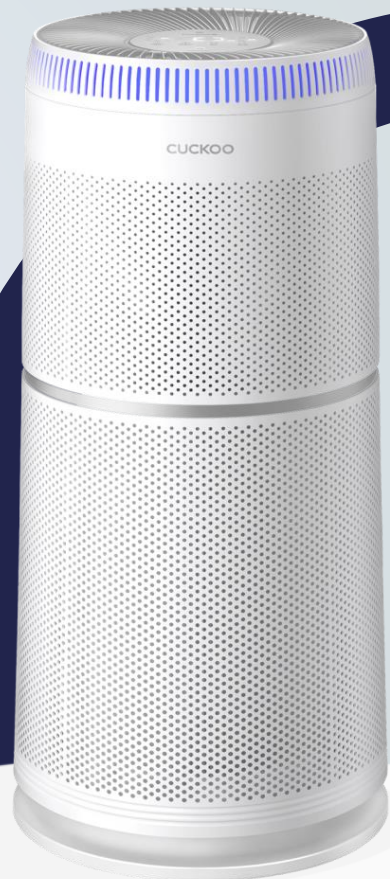
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**01**

# WHY DO WE NEED AN AIR PURIFIER?

Importance of an Air Purifier



## 01 WHY DO WE NEED AN AIR PURIFIER?



### ① WE SPEND MORE TIME INDOOR

We spend **90%** of our time indoors

- U.S. Environmental Protection Agency (EPA)



**CUCKOO**  
BEYOND STANDARDS



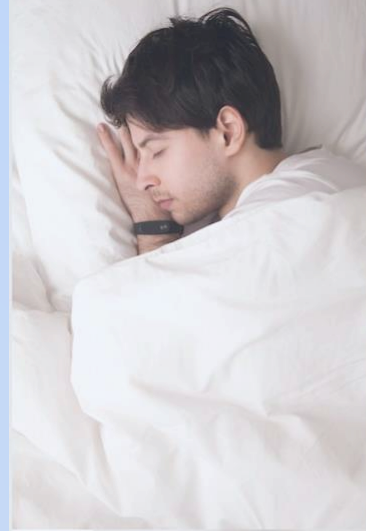
# 01 WHY DO WE NEED AN AIR PURIFIER?



## ① WE SPEND MORE TIME INDOOR

The levels of indoor air pollutants are often **2 to 5 times higher** than outdoor levels.

- U.S. Environmental Protection Agency (EPA)



**CUCKOO**  
BEYOND STANDARDS





## ② ALLERGENS ARE EVERYWHERE

Up to **50%** of the World's teenagers were suffering from airway allergies

- Persatuan Alergi & Imunologi Malaysia



### 3 ODOURS AND CHEMICALS

Various factors can contribute to odours in a house



Poor Ventilation

close window, close door, etc.



Food Odours



Moisture and mold



Household products

Ammonia, Bleach, Oven cleaners, Adhesives and solvents, Paint, pesticides, drain cleaners, etc.



Pet-related odours



Smokes

**AND MANY MORE...**



## 01 WHY DO WE NEED AN AIR PURIFIER?



## 4 OVERALL WELLNESS

Breathing clean air has a positive impact on our overall health and well-being



Improve **Sleep Quality**

- Journal of Sleep Medicine and Disorders



Improve **Respiratory Health**

- American Journal of Respiratory and Critical Care Medicine



Managing **Asthma Symptoms**

- Journal of Asthma





# THAT'S WHY WE NEED AN AIR PURIFIER

For Better Air Quality, and Better Life





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# 02

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## KEY COMPONENTS

How do we choose a Suitable Air Purifier?





Air Pollution in Urban Area



Haze from forest fires

## ① AIR QUALITY DETECTION

Malaysia often experiences episodes of  
**Poor Air Quality**





## 1 AIR QUALITY DETECTION

Look for an air purifier that has  
**Built-in Air Quality Sensor**

To tells you the air quality from time-to-time





## ② HAZE AND PARTICLES FILTRATION

It's important to choose an air purifier with  
**Efficient Particle Filtration Capabilities**





## ② HAZE AND PARTICLES FILTRATION

Ministry of Health of Malaysia (KKM) encouraged the use of **HEPA Filter** during COVID-19 outbreak.

Keputusan yang dibuat ini adalah menggunakan pendekatan berasaskan risiko dan telah mengambil kira penambahbaikan dalam teknologi kapal terbang dan beban kes COVID-19 di Malaysia yang lebih terkawal ketika ini:

1. Pengudaraan yang baik dalam kabin
2. Penggunaan penapis *high-efficiency particulate absorbing* (HEPA) untuk mengeluarkan bahan cemar bawaan udara



### KENYATAAN MEDIA KEMENTERIAN KESIHATAN MALAYSIA

#### SEMAKAN KEPERLUAN PEMAKAIAN PELITUP MUKA DI DALAM KAPAL TERBANG

Pada 7 September 2022, Kementerian Kesihatan Malaysia (KKM) telah mengumumkan kelonggaran terhadap keperluan pemakaian pelitup muka di dalam bangunan (*indoor*) dan memutuskan bahawa pemakaian pelitup muka di dalam bangunan (*indoor*) adalah atas pilihan (*optional*).

Berdasarkan penilaian situasi semasa COVID-19 serta mengambil kira keperluan terkini, KKM ingin mengumumkan bahawa pemakaian pelitup muka **TIDAK LAGI DIWAJIBKAN** ketika menaiki kapal terbang. Protokol baharu ini akan **MULA BERKUAT KUASA SERTA MERTA PADA HARI INI, 28 SEPTEMBER 2022**.

KKM bagaimanapun **AMAT MENGGALAKKAN** agar pemakaian pelitup muka terus diamalkan bagi kumpulan individu yang berikut:

1. Individu bergejala seperti demam, batuk dan selsema;
2. Individu berisiko tinggi seperti warga tua, orang dengan penyakit kronik, individu dengan imuniti rendah dan ibu mengandung; dan
3. Individu yang mengembara bersama orang yang berisiko tinggi seperti warga emas dan kanak-kanak.

Keputusan yang dibuat ini adalah menggunakan pendekatan berasaskan risiko dan telah mengambil kira penambahbaikan dalam teknologi kapal terbang dan beban kes COVID-19 di Malaysia yang lebih terkawal ketika ini:

1. Pengudaraan yang baik dalam kabin
2. Penggunaan penapis *high-efficiency particulate absorbing* (HEPA) untuk mengeluarkan bahan cemar bawaan udara



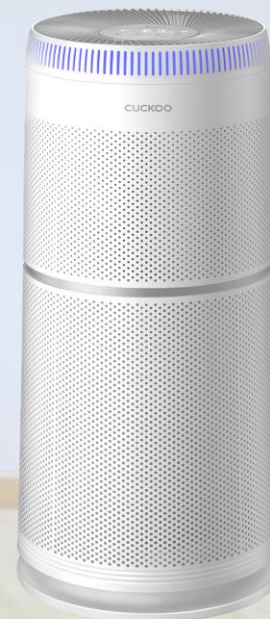


### ③ ENERGY EFFICIENCY



Choose air purifier with  
**Minimal Energy Consumption**

- **To avoid running costs** in a long run





## ④ MAINTENANCE AND FILTER AVAILABILITY

Routine Maintenance and  
Filter Replacement are important

To ensure your Air Purifier  
**always perform in perfect condition**

ROUTINE  
MAINTENANCE



FILTER  
REPLACEMENT



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# 03

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## WHY U MODEL?

Specialties of CUCKOO Air Purifier U Model



Up to  
**1161 s.f.**

Filtering power & coverage  
unlike any other



**WIDEST  
COVERAGE  
EVER**



# 4 STAGES FILTRATION SYSTEM

**PRE FILTER**  
Cleaning 2 weeks once

**ALLERGEN FILTER**  
Replaced every 4 months

**ULTRA DEO  
HEPA+ FILTER**  
Replaced every 12 months

# 4 STAGES FILTRATION SYSTEM

## PRE FILTER

Catches **large contaminants** such as dust, hair and pets' fur

# 4 STAGES FILTRATION SYSTEM

## ALLERGEN FILTER

Help captures **allergic substances**  
in the air.

# 4 STAGES FILTRATION SYSTEM

TRUE HEPA+  
H14 FILTER

DEODORIZATION  
FILTER

ULTRA DEO  
HEPA+ FILTER

# 4 STAGES FILTRATION SYSTEM

ULTRA DEO  
HEPA+ FILTER

## TRUE HEPA+ H14 FILTER

- **Copper Sulphide**-coated surfaces exhibit **Exceptional Antiviral, Antibacterial, and Antifungal properties**
- Effectively remove **airborne mites, pollens, fine dust & smoke.**

- 1 **Antibacterial & Antiviral Properties**
- 2 **Filtration enhancement**
- 3 **Odor Reduction**
- 4 **Long-lasting Effectiveness**
- 5 **Maintenance of Filter Integrity**
- 6 **Self-cleaning Surfaces**

# **BENEFITS OF COPPER SULFIDE**

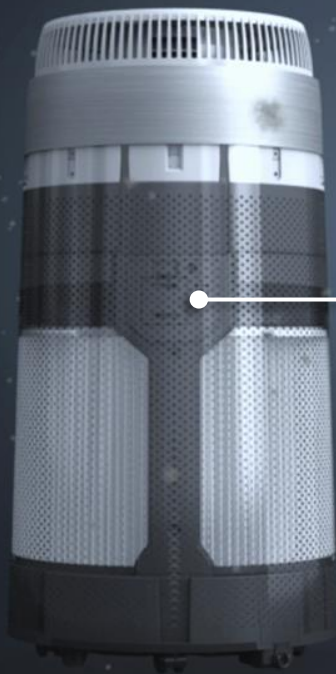
# 4 STAGES FILTRATION SYSTEM

## DEODORIZATION FILTER

Helps filter **unpleasant odours** that occur from food cigarettes and animal fur, as well as **harmful gases** such as Nitrogen Dioxide and Sulphur Dioxide

## ULTRA DEO HEPA+ FILTER

# EFFECTIVE AIR QUALITY DETECTION



## ① FINE DUST SENSOR

detects indoor air pollution level based on the dust particles in the air



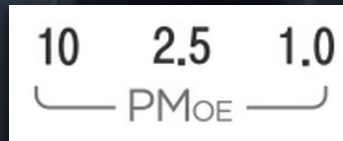
## ② TVOC SENSOR

detects the level of total volatile organic compounds (TVOCs) that exist indoors

# EFFECTIVE AIR QUALITY DETECTION



PM1.0  
SENSOR



Effectively detects air pollutants in the air  
(as small as PM1.0)

# ① FINE DUST SENSOR

# EFFECTIVE AIR QUALITY DETECTION

PM1.0  
SENSOR

Comprehensively detects the level of total volatile organic compounds (TVOCs) that exist indoors by displaying in 3 different stages

GOOD NORMAL BAD  
└── TVOC ─┘

## ② TVOC SENSOR



# 8

## LEVELS AIR QUALITY LEVEL DISPLAY



*For illustration purpose only.*

CLEANEST



LEVEL	PM2.5
1	0~10
2	11~15
3	16~25
4	26~35
5	36~55
6	56~75
7	75~80
8	81~

DIRTIEST



## UNLOCKS FRESHNESS

Built-in CUCKOO Plasma Ioniser removes airborne contaminants and sterilises the air, for extra purified air all-day long.



# ENERGY EFFICIENCY

CUCKOO

SMART **ECO**  
REPEAT FINE DUST  
BABY SLEEP  
10 2.5 1.0  
PM<sub>10E</sub>

ug/m<sup>3</sup> CLEAN ON  
LOCK REFRESH OFF  
LEVEL ION  
GOOD NORMAL BAD  
TVOC

FAN SPEED Lock (3 sec.)  
TURBO PLUS Timer (3 sec.)  
MODE Setting (3 sec.)  
AIR CLEANLINESS Indicator (3 sec.)

ON/OFF

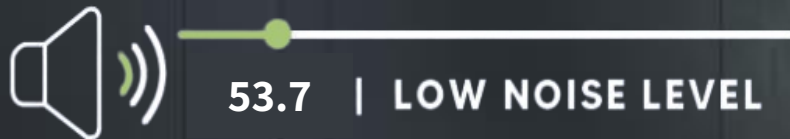
eco  
mode  
365 days air clean

Mode in which the air is maintained in a clean state and energy is efficiently controlled.

# CALMLY SUBDUED

Quietly purifies your home with a low noise level of **53.7 db.**

Even in **TURBO** mode with high fan speed.



# ROUTINE MAINTENANCE AND FILTER CHANGE SERVICE

## Natural Care Service Visit

- ✓ Filter Replacement Every 4 months
- ✓ Customized and Professional Service
- ✓ Total Machine Cleaning Service



# EFFICACY TEST

Supplier: Clean & Science  
 Attached Data: Fabric Pressure Efficiency Report from Authorized Institution

## TESTREPORT

KOTTEL No.: **8223401100011**  
 Supplier: **Clean and Science Jeongseup Branch**  
 Date of Receipt: **2023. 01. 06** Date of Report: **2023. 01. 16**

- Client
  - Organization Name: Clean & Science
  - Address: 67, 3sandan 3-gil, Buk-myeon, Jeongseup-si, Jeollabuk-do, Republic of Korea
- Test Item
  - Client Presentation Production Name: QAHP106-13TH(CU30)
  - Client Presentation Model Name: -
- The use of a report: Quality control
- Test period: 2023 Jan 6th ~ 2023 Jan 16th
- Test location: Fixed Laboratory
  - Address: 111, Sagami-gil-ro, Jungseong-gu, Seongnam-si, Gyeonggi-do, Republic of Korea
- Test method: Modified BS EN 1822-3:2009
- Test result: Refer to Page 3
- Test Report
  - Efficiency, Penetration, Resistance (one time measurement, NaCl) (Modified BS EN 1822-3:2009)

Test Item	Test Result	Measure	Note
Efficiency at 0.3 μm	<b>99.999 ±</b>	%	
Penetration at 0.3 μm	<b>0.000 ±</b>	%	
Resistance at 0.3 μm	<b>4.4</b>	mmHg/D	

  - Test conditions
    - Test Aerosol: NaCl, Face Velocity: 5.3 cm/s
    - Marked as a result of one measurement at the request of the client
    - At the request of the client, the transmittance & efficiency are expressed as values for particles of 0.3 size in diameter.

BEYOND ASIAN ROP - TOWARD GLOBAL WORLD

## TEST REPORT

98 Gwacheon-si, Gyeonggi-do, 13180 (Jungang-dong)  
 Application Date: April 7, 2020  
 Report Completion Date: June 15, 2020

Report Number: TR-002002199  
 Representative: Youngbeom Kim  
 Company Name: Koton GloTech Co., Ltd  
 Location: 130 Magokdong-ro, Gangseo-gu, Seoul (Magok-dong, Koton one & only Tower)

Sample Name: G (RH50 90% + Co2 15%) (Bakul)

Test Items	Unit	Value	Calculation	Result	Test Methods
Aerolizer Test (Reference Area (RH50)) After 30 minutes	Log reduction	-	4.00	ASTM E1052-20	
Aerolizer Test (Reference Area (RH50)) After 3 hours	Log reduction	-	3.87	ASTM E1052-20	
Aerolizer Test (Reference Area (RH50)) After 24 hours	Log reduction	-	+3.38	ASTM E1052-20	

Test Result Summary:  
 Efficiency: 99.999 ±  
 Penetration: 0.000 ±  
 Resistance: 4.4 mmHg/D

Test Conditions:  
 Test Aerosol: NaCl, Face Velocity: 5.3 cm/s  
 Marked as a result of one measurement at the request of the client  
 At the request of the client, the transmittance & efficiency are expressed as values for particles of 0.3 size in diameter.

BEYOND ASIAN ROP - TOWARD GLOBAL WORLD

## TEST REPORT

98, Gwaechon-si, Gyeonggi-do, 13810 (Jungang-dong)  
 Application Date: May 17, 2016  
 Report Completion Date: June 13, 2016

Report Number: TR-000712  
 Representative: Seokhwan Choi  
 Company Name: Koton GloTech Co., Ltd  
 Address: 13 Koton-ro (Gyeongseong-dong), Gwanak-gu, Gyeonggi-do

Sample Name: Nonwoven fabric for filters

Test Items	Unit	Value	Calculation	Result	Test Methods
Aerolizer Test (After 1 Week)	Rating	-	0	ISO 846-1:97 (Method A)	
Aerolizer Test (After 2 Weeks)	Rating	-	0	ISO 846-1:97 (Method A)	
Aerolizer Test (After 3 Weeks)	Rating	-	0	ISO 846-1:97 (Method A)	
Aerolizer Test (After 4 Weeks)	Rating	-	0	ISO 846-1:97 (Method A)	

Method of measuring results:  
 1. No large growth observed under a microscope.  
 2. Mold growth is not observed with the naked eye but is observed under a microscope.  
 3. Mold growth can be observed with the naked eye and does not exceed 25% of the substrate surface area.  
 4. Mold growth can be observed with the naked eye and does not exceed 50% of the substrate surface area.  
 5. Mold growth is severe, and the entire surface of the sample is covered.

Test Conditions:  
 Test Aerosol: Aspergillus Niger ATCC 6275  
 Penicillium funiculosum CM 114933  
 Paecilomyces variotii ATCC 18623  
 Gliocladium virens ATCC 1645  
 Chaetomium globosum ATCC 6205

Remarks:  
 1. This report is the result of testing with the sample and sample name provided by the client. Client will guarantee the quality of entire product. Any discrepancy of the test result will be checked by the order supplier (CU30) for 30 days.  
 2. The report content is valid for publicly, propaganda, advertising or magazine, etc., and not valid for the third party's use.  
 3. Only the original (including authentic) copies of this report is valid, and copies are not guaranteed to be correct unless they refer to the reference copy.

## TEST REPORT

Busan Techno Park  
 #1270, Iseo-dong, Gangseo-gu, Busan, Korea  
 Tel : 051-320-3573  
 Fax : 051-320-3559

Report No: BTP-2022-0040  
 Page 2 / 2 | Page

### 1. Test Results

Test Items	Unit	Test Results
Formaldehyde		95.6
Acetic Acid		100.0
Acetaldehyde	%	100.0
Ammonia		76.9
Toluene		100.0
Average		94.5

### 2. Product Photos

End.

## TEST RESULT

Busan Techno-Park  
 #1270, Iseo-dong, Gangseo-gu, Busan, Korea  
 Tel : 051-320-3573  
 Fax : 051-320-3559

Report No.: BTP-2023-0175  
 Page 2 / 2 | Page

### 1. Test results

Test Items	Unit	Test results
Fine dust removal rate	#/min	14.0
Standard usable area	#F	107.9
Power Consumption	W	69.3
Noise measurement	dB(A)	53.7

OT mode : Turbo  
 Power Specifications : 220 V, 60 Hz

### 2. Product pictures

End.

# EFFICACY TEST

## True HEPA+ H14 Filter Efficiency Test

✓ Effectively remove **99.995%** of airborne particles.

Supplier	Clean@science	Attached Data
Application	Cuckoo Homekeys	Fabric Pressure Efficiency Report from Authorized Institution

### TESTREPORT

KOTITL No. | 82234011100011  
 Supplier | Clean and Science Jeongeup Branch  
 Date of Receipt | 2023. 01. 06      Date of Receipt | 2023. 01. 16

- Client
  - Organization Name: Clean & Science
  - Address: 67, 3sandan 3-gil, Buk-myeon, Jeongeup-si, Jeollabuk-do, Republic of Korea
- Test Item
  - Client Presentation Production Name: QAHP106-13TH(CU30)
  - Client Presentation Model Name: -
- The use of a report: Quality control
- Test period : 2023 Jan 6th ~ 2023 Jan 16th
- Test location: Fixed Laboratory
  - Address: 111, Sagimakgol-ro, Jungwon-gu, Seongnam-si, Gyeonggi-do, Republic of Korea
- Test method: Modified BS EN 1822-3:2009
- Test result: Refer to Page 3

#### 3. Test Report

Efficiency, Penetration, Resistance (one time measurement, NaCl)  
(Modified BS EN 1822-3:2009)

Test Item	Test Result	Measure	Note
Efficiency at 0.3 μm	99.999 2	%	
Penetration at 0.3 μm	0.000 8	%	
Resistance at 0.3 μm	4.4	mmH <sub>2</sub> O	

- Test conditions
- Test Aerosol: NaCl, Face Velocity: 5.3 cm/s
- Marked as a result of one measurement at the request of the client
- At the request of the client, the transmittance & efficiency are expressed as values for particles of 0.3 size in diameter.

Test Item	Test Result	Measure
Efficiency at 0.3 μm	99.999 2	%
Penetration at 0.3 μm	0.000 8	%
Resistance at 0.3 μm	4.4	mmH <sub>2</sub> O

# EFFICACY TEST

## True HEPA+ H14 Antivirus Test

Tested with **Influenza A virus (H3N2)**

BEYOND ASIAN HUB, TOWARD GLOBAL WORLD

**KTR**  
KOREA TESTING & RESEARCH INSTITUTE

**TEST REPORT**

98 Gwacheon-si, Gyeonggi-do, 13180 (Jungang-dong) TEL (02)2164-0011 FAX (02)2634-1008  
 Report Number: TBK-2020-002193 Application Date: April 7, 2020  
 Representative: Youngbeom Kim Exam Completion Date: June 15, 2020  
 Company Name: Kolon Glotech Co., Ltd  
 Location: 110 Magokdong-ro, Gangseo-gu, Seoul (Magok-dong, Kolon one & only Tower)

Sample Name: Q+ (Nylon 99% + CuS 15%) (Liquid)

Test Items	Unit	Sample Classification	Result	Test Methods
Antivirus Test [Influenza A virus (H3N2)] - After 30 minutes	Log reduction	-	4.00	ASTM E1052-20
Antivirus Test [Influenza A virus (H3N2)] - After 3 hours	Log reduction	-	3.87	ASTM E1052-20
Antivirus Test [Influenza A virus (H3N2)] - After 24 hours	Log reduction	-	>3.38	ASTM E1052-20

Next Page

Lee Gyeongjae  
Written by: Gyeongjae Lee  
Tel : 02-2092-3963

Sik Cho  
Technical Manager : Sik Cho Jin  
Tel : 1577-0091 (ARS) (☎) (☎)

June 15, 2020

**KTR** Korea Testing & Research Institute for Chemical Convergence

QR Code for checking forgery

Page : 1 of 3

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KTR KOREA TESTING & RESEARCH INSTITUTE KTR-QP-P09-021-02(00) AM210 X 297

Test Result				
Test Items	Unit	Sample Classification	Result	Test Methods
Antivirus Test [Influenza A virus (H3N2)] - After 30 minutes	Log reduction	-	4.00	ASTM E1052-20
Antivirus Test [Influenza A virus (H3N2)] - After 3 hours	Log reduction	-	3.87	ASTM E1052-20
Antivirus Test [Influenza A virus (H3N2)] - After 24 hours	Log reduction	-	>3.38	ASTM E1052-20

✓ Effectively remove **99.9%** of Influenza A virus (H3N2)

**Remark:**


- Log reduction 4 or higher: 99.99% or higher
- Log reduction 3 or higher: 99.9% or higher
- Log reduction 3 or higher: 99.9% or higher

03 WHY U MODEL?

# EFFICACY TEST

## True HEPA+ H14 Antifungal Test

BEYOND ASIAN HUB, TOWARD GLOBAL WORLD



**TEST REPORT**

98, Gwacheon-si, Gyonggi-do, 13810 (Jungang-dong) TEL (02)2164-0011 FAX (02)2634-1008

Test Report Number: TBK-000712 Application Date: May 17, 2016  
 Representative: Seoksoon Choi Exam Completion Date: July 13, 2016  
 Company Name: Kolon Glotech Co., Ltd  
 Address: 11 Kolon-ro (byeolyang-dong), Gwacheon-si, Gyeonggi-do

Sample Name: Nonwoven fabric for filters

Test Result				
Test Items	Unit	Sample Classification	Result	Test Method
Antifungal Test (After 1 Week)	Rating	-	0	ISO 846 : 1997 (Method A)
Antifungal Test (After 2 Week)	Rating	-	0	ISO 846 : 1997 (Method A)
Antifungal Test (After 3 Week)	Rating	-	0	ISO 846 : 1997 (Method A)
Antifungal Test (After 4 Week)	Rating	-	0	ISO 846 : 1997 (Method A)

\* A method of reading results

0: No fungal growth observed under a microscope.  
 1: Mold growth is not observed with the naked eye but is observed under a microscope.  
 2: Mold growth can be observed with the naked eye and does not exceed 25% of the substrate surface area.  
 3: Mold growth can be observed with the naked eye and does not exceed 50% of the substrate surface area.  
 4: Mold has grown well and accounts for more than 50% of the total sample area.  
 5: Mold growth is severe, and the entire surface of the sample is covered.

**\*\*Test Strain**


- Aspergillus niger ATCC 6275
- Penicillium funiculosum CMI 114933
- Paecilomyces variotii ATCC 18502
- Gliocladium virens ATCC 9645
- Chaetomium globosum ATCC 6205

Remark : 1. This report is the result of testing with the sample and sample name presented by the client, does not guarantee the quality of entire product.  
 \*The authenticity of the test report can be checked on the website ([www.ktr.or.kr](http://www.ktr.or.kr)) or by QR code.  
 2. The report cannot be used for publicity, propaganda, advertising or litigation, etc., and use other than its intended purpose is prohibited.  
 3. Only the original (including certified copies) of this report is valid, and copies and electronically printed copies / file copies are for reference only.


*Lee Gyeongjae*  
 Author : Gyeongjae Lee  
 E-mail: gj@ktr.or.kr

*Sin-Sik Cho*  
 Technical Manager: Sin Cho Jin

July 13, 2016



Korea Testing & Research Institute for Chemical Convergence



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KTR KOREA TESTING & RESEARCH INSTITUTE KTR-GP-109-F01-02(07) AN210 X 297

Sample Name: Nonwoven fabric for filters

### Test Result

Test Items	Unit	Sample Classification	Result	Test Method
Antifungal Test (After 1 Week)	Rating	-	0	ISO 846 : 1997 (Method A)
Antifungal Test (After 2 Week)	Rating	-	0	ISO 846 : 1997 (Method A)
Antifungal Test (After 3 Week)	Rating	-	0	ISO 846 : 1997 (Method A)
Antifungal Test (After 4 Week)	Rating	-	0	ISO 846 : 1997 (Method A)

\* A method of reading results

✓ Test Result for antifungal test between 1<sup>st</sup> to 4<sup>th</sup> week:  
**No Fungal Growth** observed under microscope

# EFFICACY TEST

## Removal of Harmful Gas Test

**TEST REPORT**

Busan Techno Park  
#12th, Juk-dong, Gangseo-Gu, Busan, Korea  
Tel : 051-320-3573  
Fax : 051-320-3559

Report No. BTP-2022-0040  
Page 11 / (2) Page

1. Client  
 Name : CUCKOO HOMESYS, LTD  
 Address : 349, Embibeulb  
 Date of Receipt : 2022.01

**TEST REPORT**

Busan Techno Park  
#12th, Juk-dong, Gangseo-Gu, Busan, Korea  
Tel : 051-320-3573  
Fax : 051-320-3559

Report No. BTP-2022-0040  
Page (2) / (2) Page

1. Test Results

Test Items	Unit	Test Results
Harmful Gas Removal Efficiency	Formaldehyde	95.6
	Acetic Acid	100.0
	Acetaldehyde	100.0
	Ammonia	76.9
	Toluene	100.0
	Average	94.5

### 1. Test Results

Test Items	Unit	Test Results	
Harmful Gas Removal Efficiency	%	Formaldehyde	95.6
		Acetic Acid	100.0
		Acetaldehyde	100.0
		Ammonia	76.9
		Toluene	100.0
		Average	94.5

### 2. Product Photos



End.

# EFFICACY TEST

## Performance Test

**TEST REPORT**

Busan Techno-Park  
#1276, Jsa-dong, Gangseo-Gu, Busan, KOREA  
Tel : 82-51-509-3579 Fax : 82-51-509-3599

Report No.: BTP-2023-0175  
Page( 1 )/( 2 )Pages

1. Client  
Name : CUCKOO HOMESYS  
Address : 349, Emtbeutbuk  
Date of Receipt : 2023. 01. 12

2. Use of Report : Performance

3. Sample Description : Air cleaner

4. Date of Test : 2023. 01. 12

5. Location of Test : ■ Perma  
(Address : 30 E0beon-gil, Gwa

6. Test method used : KS C 35

7. Test Results : See attached

\* The results shown in this test report  
\* This report is not related to KS C  
\* This report is prohibited to use it as

Tested by  
Affirmation Name: Lee Byung  
(Sign)

BTP-QP-22-02-2/2 (5)

---

**TEST RESULT**

Busan Techno-Park  
#1276, Jsa-dong, Gangseo-Gu, Busan, KOREA  
Tel : 82-51-509-3579 Fax : 82-51-509-3599


Report No.: BTP-2023-0175  
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1. Test results

Test Items	Unit	Test results
Fine dust removal rate	m <sup>3</sup> /min	14.0
Standard usable area	m <sup>2</sup>	107.9
Power Consumption	W	68.3
Noise measurement	dB(A)	53.7

Test mode : Turbo  
Power Specifications : 220 V, 60 Hz

2. Product pictures



Front Side

End.

BTP-QP-22-02-2/2 (5) The Date of Issue(2010.12.01) / Revision(2020.03.01)

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04

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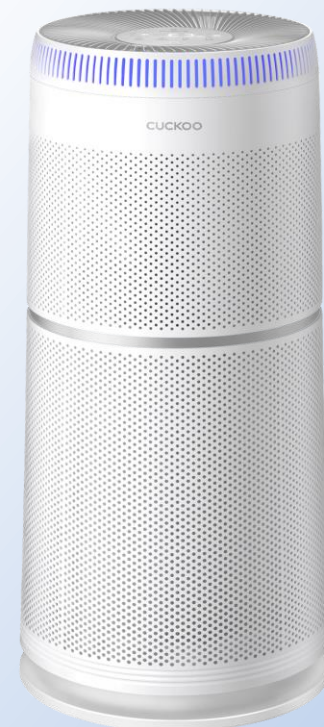
# PRODUCT SPECIFICATIONS

Full Product Information



## 04 PRODUCT SPECIFICATIONS

Model		U Model (CAC-U3010FW)	
Rated Voltage		220 ~ 240V, 50Hz	
Rated Power Consumption		80W (1.5A)	
Weight		14 kg	
Dimension (W x D x H)		410 x 410 x 895 mm	
Noise Level (dBA)		53.7 dBA	
Coverage Area		1,161 sqft	
Filter & Replacement Period	Pre Filter		2 – 4 weeks (Clean)
	Allergen Filter		4 months
	Ultra-Deo HEPA+ Filter	True HEPA+ H14 Filter	12 Months
		Deodorization Filter	
Filtration Stages			4 Filtration Stages
Features			Smart Mode, ECO Mode, Repeat Mode, Baby Mode, Sleep Mode, Turbo Plus Mode, Fine Dust Sensors & TVOC Sensors, LED Air Quality Indicator, Filter Replacement Alert



# PRODUCT VIEW



FRONT VIEW



TOP VIEW



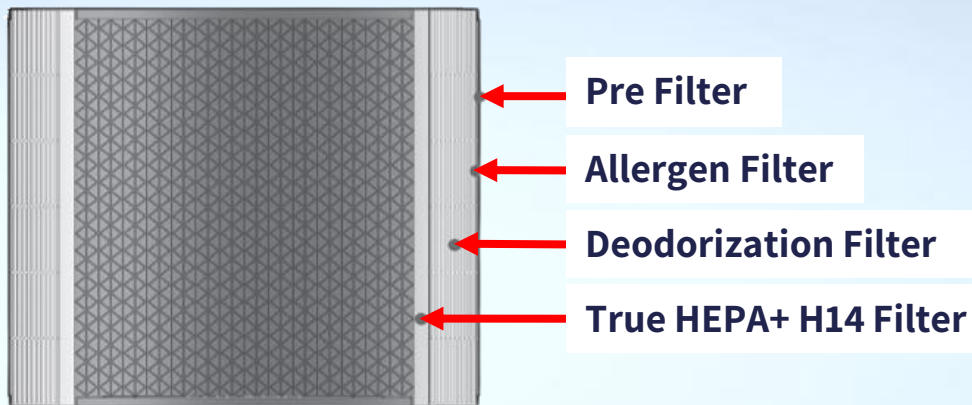
WHEELS



# PRODUCT DIMENSION

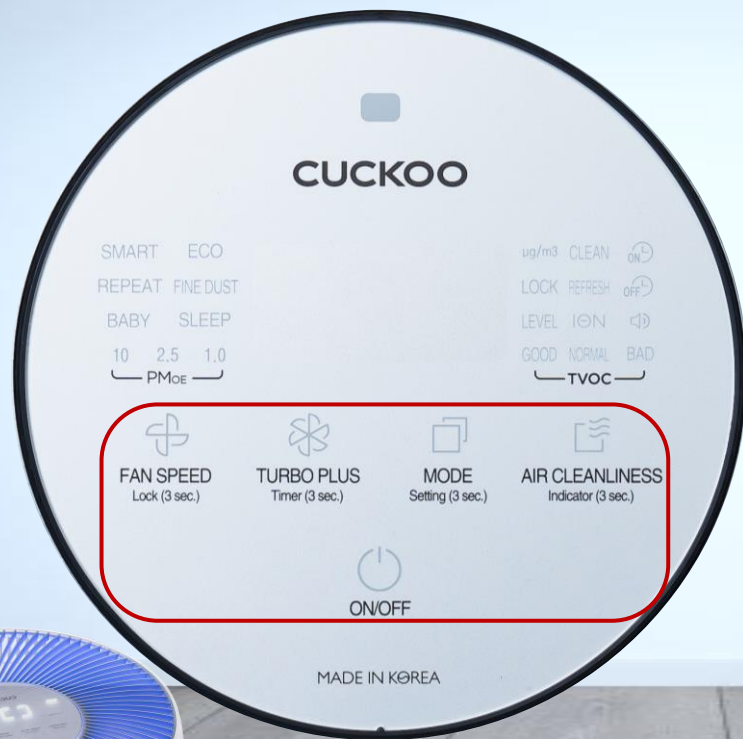


# FILTER FUNCTION



Pre-Filter		Level 1	2 – 4 weeks (Clean)	Filters large dust, hair, pet, fur, etc.
Allergen Filter		Level 2	4 months (replace)	Filters allergic substances from the air.
Ultra-Deo HEPA+ Filter	True HEPA+ H14 Filter	Level 3	12 months (replace)	Ultra-Deo HEPA+ Filter has excellent antibacterial, antiviral & antifungal properties. Filters mites, pollens, fine dust & smoke.
	Deodorization Filter	Level 4	12 months (replace)	Filter removes odors, harmful gas, cigarettes, animal fur, NO2

## CONTROL PANEL



### ON/OFF

To turn the unit on and off

### Fan Speed

Adjust the fan speed in manual mode  
(Level 1, Level 2, Level 3, Level 4, Level 5, Level 6, Level 7 and Level 8.)

### TURBO PLUS

Mode to maximize fan speed to purify the air

### MODE

Adjust to different modes  
(SMART, ECO, REPEAT, FINE DUST, BABY, SLEEP)

### Air Cleanliness Display

Display current air quality  
(Fine Dust Concentration display: PM10 → PM2.5 → PM1.0)

# DISPLAY PANEL

SMART

ECO

REPEAT

FINE DUST

BABY

SLEEP

10

2.5

1.0

PM<sub>10E</sub>ug/m<sup>3</sup>

CLEAN



LOCK

REFRESH



LEVEL

ION



GOOD

NORMAL

BAD

TVOC

CUCKOO

SMART ECO

REPEAT FINE DUST

BABY SLEEP

10 2.5 1.0

PM<sub>10E</sub>ug/m<sup>3</sup> CLEAN

LOCK REFRESH



LEVEL ION



GOOD NORMAL BAD

TVOC

# U MODEL

## KEY FEATURES SUMMARY

01

### 4 STAGES FILTRATION SYSTEM

- Equipped with **True HEPA+ H14 Filter**

02

### MASSIVE COVERAGE AREA

- Purifies up to **1161 sqft.**

03

### EFFECTIVE AIR QUALITY DETECTION

- **Fine Dust Sensor** and **TVOC Sensor**  
- **8 Levels Air Quality Detection**

04

### CUCKOO PLASMA IONIZER

05

### ENERGY EFFICIENCY

06

### LOW NOISE LEVEL

- As low as **53.7dBA**

07

### ROUTINE MAINTENANCE AND FILTER CHANGE SERVICE





# FREQUENTLY ASKED QUESTIONS (FAQ)





03 What's the difference between Baby Mode and Sleep Mode?

- **Baby mode has the yellow lamp** and **Sleep mode does not have any lamps on**



02 What are the Don't(s) for U Model?

- **Do not put anything into the air purifier** (e.g., pencil)
- **Do not put too near to the wall** (appx. 50cm) as it will affect its efficiency.
- **Never soak/spray the air purifier in water**
- **Avoid putting the products near flammable or electronic products**



04 What's the difference between U Model and other CUCKOO Air Purifiers?

- **True HEPA+ H14 Filter** consist of **Copper Sulphide Coating** which **deactivate virus and remove bacteria more effectively.**
- U Model has **largest coverage** (1161 sqft.) among all CUCKOO Air Purifier



01 What are the Do(s) for U Model

- Advise to **clean up pre-filter every two weeks.**
- **After cooking, ventilate sufficiently before using the air purifier** to purify air in the room
- Make sure to **OFF the air purifier in a proper manner**



05 Can we put fragrance in room with U Model?

- U Model consist of **Deodorization Filter, which will filter out odours** (including fragrance's smell). Hence, putting fragrance is not recommended



**FREQUENTLY ASKED  
QUESTIONS (FAQ)**





# CHOOSE HEALTHY LIFE CHOOSE CUCKOO

Purifies your home with Amazing U Model



— THANK YOU —