

# DYNAIR

Company introduction

DYNAIR KOREA CO., LTD

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Good air makes a good environment,  
a good environment makes a good life.

Clean Air





## 01. COMPANY INCTODUCTION

# Company introduction

DYNAIR KOREA CO., LTD

Established	July 9, 2015
C.E.O	Lee Hyoungh Su
Capital	2.6 billion won
license number	343-88-00211
Homepage	<a href="http://www.dynair.co.kr">www.dynair.co.kr</a> <a href="http://www.dynair.modoo.at">www.dynair.modoo.at</a>
Head office	# 412Venture Office Samsung Creative Economy Campus, 51 Hoam-ro, Buk-gu, Daegu Metropolitan

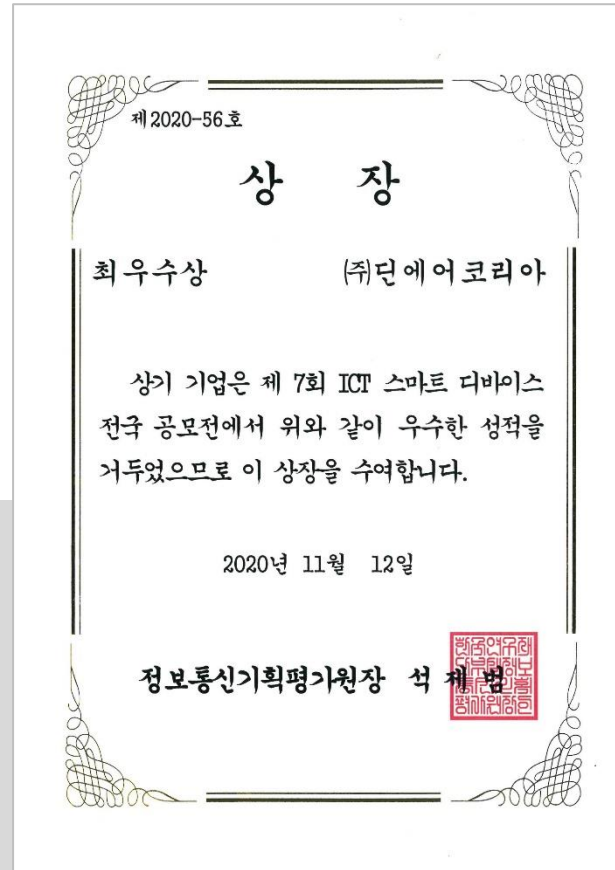


# Awards

DYNAIR



2019 Excellent Design  
Selection  
(Korea Design Promotion  
Agency)




2020  
BEST ICT Smart Devices  
(Ministry of Science and  
Technology Information and  
Communication)



Airfair 2020 Awards Award  
(Korea Air Cleaning Association)

# TEST REPORT – Virus adsensitivity test


**TEST REPORT**



한국산업기술시험원  
Korea Testing Laboratory

Report No. : 20-080094-02-1

Page of Pages : ( 1 )( 2 )



KOREA TESTING LABORATORY  
KTL

**1. Client**

Name : DYNAIR KOREA CO.,LTD  
Address : 412, Venture Office suite, Samsung Creative Campus, 51 Bukgu-Hoam-ro, Daegu, Republic of Korea  
Date of Receipt : 2020. 12. 09.

**2. Use of Report :** For quality control

**3. Test Sample**

Description : Air sterilizer  
Manufacturer : DYNAIR KOREA CO.,LTD  
Model Name : DYN-C100A  
Serial Number : \*\*\*  
Remark : \*\*\*

**4. Date of Test :** 2020. 12. 28. ~ 2020. 12. 29.



**5. Location of Test :**

■ KTL Permanent Test Lab (Address : 87, Digital-ro 26-gil, Guro-gu, Seoul, KOREA)  
□ On Site Testing

**6. Test Standard/Method :** KOUVA AS 02 : 2019

**7. Test Results :** Refer to attached results

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2. This document is valid only in its original document, and any reproduced copies and electronic copies are not valid. ("Original" means all the reports provided by the KTL including the security procedures.)  
3. You can check the contents of the report by scanning the 2D Barcode below. The identity of original reports can be checked in the "Confirm original report" window of the customer's homepage (customer.ktl.re.kr).

Affirmation	Tested by Name : Park seo-hyun	 (Signature)	Technical Manager Name : JEON, Yong-Woo	 (Signature)
-------------	-----------------------------------	--	--	--

2020. 12. 31.


**Korea Testing Laboratory**

87, Digital-ro 26-gil, Guro-gu, Seoul, KOREA Tel.+82-2-860-1139 Fax. +82-2-860-1689

FP104-07-00




※ 위 마크는 추후 전자확인증 대조 프로그램에서 원본대조시 사용되는 2D코드입니다.



한국산업기술시험원  
Korea Testing Laboratory

Report No. : 20-080094-02-1

Page of Pages ( 2 )( 2 )



KOREA TESTING LABORATORY  
KTL

## Test Results

### 1. Test Results

### 2. Test sample

### 3. Test Method and Conditions

### 4. Unit Photograph



- End of document -

FP104-08-00



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# TEST REPORT – Virus adsensitivity test



**Test products** Antiviral air cleaner

**Model** DYN-C100A

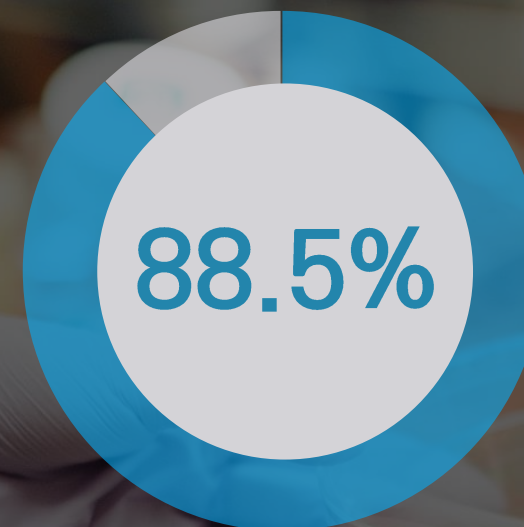
**Manufacturer** DYTNAIR KOREA CO., LTD.

**Testing method**

KOUVA AS 02 : 2019, Air-cooling device

## Floating virus aduality rate

Test test environment and conditions



**Virus** : Phi-X174(ATCC 13706-B1)

**Test Champion** : 60 m<sup>3</sup>

**Temperature** : (23 ± 2) °C


**Humidity** : (50 ± 5) % R.H.

**Driving volume** : Gale

**Exam period** : 30 minutes

# TEST REPORT – Bacterial adsensitivity test


**TEST REPORT**



한국산업기술시험원  
Korea Testing Laboratory

Report No. : 20-080094-02-1

Page of Pages : ( 1 ) / ( 2 )



KOREA TESTING LABORATORY

**1. Client**

Name : DYNAIR KOREA CO.,LTD  
Address : 412, Venture Office suite, Samsung Creative Campus, 51 Bukgu-Hoam-ro, Daegu, Republic of Korea  
Date of Receipt : 2020. 12. 09.

**2. Use of Report :** For quality control

**3. Test Sample**

Description : Air sterilizer  
Manufacturer : DYNAIR KOREA CO.,LTD  
Model Name : DYN-C100A  
Serial Number : \*\*\*  
Remark : \*\*\*

**4. Date of Test :** 2020. 12. 28. ~ 2020. 12. 29.

**5. Location of Test :**

■ KTL Permanent Test Lab (Address : 87, Digital-ro 26-gil, Guro-gu, Seoul, KOREA)  
□ On Site Testing

**6. Test Standard/Method :** KOUVA AS 02 : 2019

**7. Test Results :** Refer to attached results

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Affirmation

Tested by  
Name : Park seo-hyun

Technical Manager  
Name : JEON, Yong-Woo

2020. 12. 31.


**Korea Testing Laboratory**

87, Digital-ro 26-gil, Guro-gu, Seoul, KOREA Tel.+82-2-860-1139 Fax. +82-2-860-1689

FP104-07-00




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한국산업기술시험원  
Korea Testing Laboratory

Report No. : 20-080094-02-1

Page of Pages ( 2 ) / ( 2 )



KOREA TESTING LABORATORY

## Test Results

### 1. Test Results

Unit	Results	Airborne Virus reduction rate
Air sterilizer		88.5 %

### 2. Test sample

- (1) Manufacturer : DYNAIR KOREA CO.,LTD  
(2) Model name : DYN-C100A

### 3. Test Method and Conditions

Test method	Conditions	Virus	Temp.	Humidity	Test chamber	Test time	Flow level
KOUVA AS 02 : 2019, Air Purification Equipment		Phi-X174 (ATCC 13706-B1)	(23 ± 2) °C	(50 ± 5) % RH	60 m³	30 min	Maximum

### 4. Unit Photograph



- End of document -

FP104-08-00



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# TEST REPORT – Bacterial adsensitivity test



**Test products** Antiviral air cleaner

**Model** DYN-C100A

**Manufacturer** DYTNAIR KOREA CO., LTD.

**Testing method**

KOUVA AS 02 : 2019, Air-cooling device

## Floating bacteria low

Test test environment and conditions



**Bacterial** : S.epidermidis (ATCC 12228)

**Test Champion** : 60 m<sup>3</sup>

**Temperature** : (23 ± 2) °C

**Humidity** : (50 ± 5) % R.H.

**Driving volume** : Gale

**Exam period** : 30 minutes

### 3. Plasma – TEST REPORT : Anion



## TEST REPORT

0217-2768-6768-6286

1. NO : CT21-009686E
2. Client
  - Name : DYNAIR KOREA Co., Ltd.
  - Address : 412Venture Office Samsung Creative Economy Campus, 51, Hoam-ro, Buk-gu, Daegu, Korea
3. Date of Test : 2021.01.18 ~ 2021.02.03
4. Use of Report :
5. Test Sample : DYN-C100A Air sterilizer
6. Test Method
  - (1) KS C 9314:2019

#### 7. Test Results

1) DYN-C100A Air sterilizer

Test Item(s)	Unit	Test Method	Test Results	Remark	Loc.
Ozone Emission Concentration	μmol/mol	(1)	Less than 0.005	(21 ± 1) °C, (40 ± 5) % R.H.	A

※ Operation mode : 3rd(Rated Air Flow Rate)

※ Location

A : 85, Dambang-ro, Namdong-gu, Incheon, Republic of Korea

— End of Report —

Affirmation	Tested By Name : Jo Kang Hee	Technical Manager Name : Shin Hyun Chul
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This report is not accredited by KOLAS.  
Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The results of using only a portion of this report cannot be guaranteed. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr).

2021.02.03

Korea Conformity Laboratories President Yoon, Kap Seok

Result Inquiry : 85, Dambang-ro, Namdong-gu, Incheon, Republic of Korea (82-32-728-5518)

전자문서본은 시험결과에 대한 참고용입니다.

Page 1 of 1

전자문서본(Electronic Copy)

TQP-12-01-04(1)

## KIFA KOREA FAR INFRARED ASSOCIATION KOREA INSTITUTE OF FAR INFRARED APPLIED ESTIMATION

4, Baekjegobun-ro 37-gil, Songpa-gu, Seoul, Korea http://www.kfir.or.kr TEL 82-2-2003-6038 FAX 82-2-2003-6061

### CERTIFICATE OF TESTING RESULT

Serial No. of Issue : KFIM-253  
Name of Applicant : Lee Hyoung Su [DYNAIR KOREA CO.,LTD]  
Address of Applicant : 412, Venture Office suite, Samsung Creative Campus, 51 Bukgu-Hoam-ro, Daegu, Republic of Korea  
Date of Receipt : 10. 29. 2020  
Name of Test Sample : DYN-C100A

#### TEST RESULTS

Test Item	Anion(Ion/cc)
Sample	
DYN-C100A	19 648 000

- 1) Test Method : KFIA-FI-1042
- 2) Test Condition : Distance 5cm
- 3) The above experiments were conducted using ION analyzer at the conditions of temperature 25°C, and humidity 50 % and anion numbers 122/cc of the atmosphere. An anion from the sample was measured and the results were shown anion number per unit volume.
- 4) Usage : Quality control. End.

※ This certificate of testing result shall be used within the purpose of its defined usage.

11 3 2020

month day year

Signed

The director of Korea Institute of  
Far Infrared Applied Estimation

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# TEST REPORT –

## Ozone Emission Concentration



Test products Antiviral air cleaner

Model DYN-C100A Air sterilizer

Manufacturer DYTNAIR KOREA CO., LTD.

Testing method KS C 9314:2019

## Ozone Emission Concentration

Test test environment and conditions

A circular gauge with a white background and a blue border. The gauge displays the value '0.005' in large blue digits, followed by a blue downward-pointing triangle. The gauge is set against a background of a laboratory setting with various equipment and a gloved hand holding a petri dish.

0.005▼

Unit :  $\mu\text{mol/mol}$

Temperature :  $(21 \pm 1) ^\circ\text{C}$

Humidity :  $(40 \pm 5) \% \text{ R.H.}$


Operating in operation :

3-speed (rated wind volume) / Strong wind

# TEST REPORT

## Hepa filter test report (dust efficiency)

the way to trust **KCL** 0210-9067-7405-4565

 **TEST REPORT**

1. NO : CT20-004552E

2. Client

○ Name : DYNAIR KOREA CO.,LTD

○ Address : 412, Venture Office suite, Samsung Creative Campus, 51 Bukgu-hoam-ro, Daegu, Republic of Korea

3. Date of Test : 2020.01.08 ~ 2020.01.14

4. Use of Report :

5. Test Sample : Hepa Filter

6. Test Method

(1) KS C 9325:2011

7. Test Results

1) Hepa Filter

Test Item(s)	Unit	Test Method	Test Results	Remark
Dust Collecting Rate(Particle Counting Method)	%	(1)	99.5	(21 ± 1) °C, (45 ± 5) % R.H.

\* Rated Air Flow Rate : 0.5 m³/min

— End of Report —

Affirmation

Tested By	Technical Manager
Name : MINSOO KIM	Name : Sang Kyun Park


Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The results of using only a portion of this report cannot be guaranteed. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr).

2020.01.14

Korea Conformity Laboratories President Yoon, Kap Seok *Yoon, Kap Seok*


Result Inquiry : 199, Gusan digital 1-ro, Geumcheon-gu, Seoul, Korea (82-)

Page 1 of 1



## Deodorizing Filter Test Results

the way to trust **KCL** 0843-6263-7753-7841

 **TEST REPORT**

1. NO : CT20-141931E

2. Client

○ Name : DGTAS

○ Address : 147, Beomjigi-ro, Danwon-gu, Ansan-si, Gyeonggi-do, Republic of Korea (15434)

3. Date of Test : 2020.12.08 ~ 2021.01.13

4. Use of Report : Submission

5. Test Sample : DYN-C100A

6. Test Method

(1) Client request

7. Test Results

1) DYN-C100A

Test Item(s)	Unit	Test Method	Test Results	Remark	Loc.
Noxious Gas Removal Ratio(Ammonia, NH <sub>3</sub> )	%	(1)	More than 99.5	(23 ± 5) °C, (50 ± 5) % R.H.	A
Noxious Gas Removal Ratio(Acetaldehyde, CH <sub>3</sub> CHO)	%	(1)	More than 99.5		
Noxious Gas Removal Ratio(Acetic acid, CH <sub>3</sub> COOH)	%	(1)	More than 99.5		
Noxious Gas Removal Ratio(Formaldehyde, HCHO)	%	(1)	More than 99.5		
Noxious Gas Removal Ratio(Toluene, C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub> )	%	(1)	More than 99.5		

\* Test method : Progress to test by SPS-KAC4002-132:2018 without bottom list.

\* Test time : 2 h

\* Test chamber size : (1.0 ± 0.5) m³

\* Location

A : 85, Dambang-ro, Namdong-gu, Incheon, Republic of Korea

— End of Report —

Affirmation

Tested By	Technical Manager
Name : Seongkoo Cho	Name : Shin Hyun Chul

This report is not accredited by KOLAS.

Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The results of using only a portion of this report cannot be guaranteed. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr).


2021.01.13

Korea Conformity Laboratories President Yoon, Kap Seok *Yoon, Kap Seok*

Result Inquiry : 85, Dambang-ro, Namdong-gu, Incheon, Republic of Korea (82-32-728-5515)

Page 1 of 1

TGP-12-01-04(1)



# Company introduction - Investment & Support

## Investment attraction

- ◆ Attracted Samsung Venture Investment (1st, 20 million krw)
- ◆ Attracted Samsung Venture Investment (2nd, 40 million krw)
- ◆ Attracted Samsung Venture Investment (3rd, 200 million krw)
- ◆ Attracted Glaskugel Investment (30 million krw)
- ◆ Attracted Enlight Ventures Investment (200 million krw)
- ◆ Attracted Angel Investment (80 million krw)
- ◆ Attracted Leaders Matching Fund Investment (80 million krw)
- ◆ Attracted Angel Investment Matching Fund Investment (300 million krw)

**= 9.5 billion won**

## Government Support

- ◆ Obtained order for Start-up Leading University Fostering Project  
(Ministry of SMEs and Startups 80 million krw)
- ◆ Obtained order for Start-up Growth Technology Development Project  
(Ministry of SMEs and Startups 100 million krw)
- ◆ Obtained order for Accelerator-Connected Support Project (70 million krw)
- ◆ Obtained order for Intellectual Property Utilization Support Project (20 million krw)
- ◆ Obtained order for Star Venture Promotion Project (80 million krw)
- ◆ other obtained

**= 7.5 billion won**

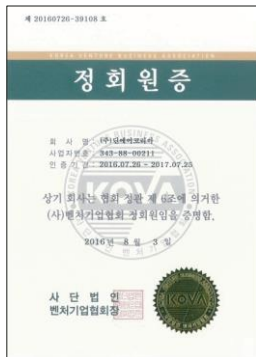
## Company introduction – 2020 Government Support Project

Unit: 1,000 won KRW

Selection Agency	Business Name	Business period	Funding
Gyeongbuk Techno Park	Start-up Leap Package	2020.05.22~2021.03.21	100,000
Daegu TechnoPark	Support project for local enterprises innovation growth vouchers	2020.05.18~2020.10.31	30,000
Daegu Information Center	Support for small and medium-sized enterprises ip bar	2020.06.15~2020.09.15	6,300
Daegu Gyeongbuk Design Center	IT Convergence Emotional Design Materials Industry Development Project	2020.06.00~ 2020.10.00	15,000
Small and medium-sized venture enterprise promotion corporation	Online exhibitions	2020.04.23~2020.06.30	14,000
Daegu TechnoPark	Support project to strengthen the competitiveness of procurement products	2020.07.21~2021.02.28	2,500
Korea Chemical Convergence Test Institute	Overseas certification acquisition support project	2020.07.23 ~ 2 years after the Convention	16,700

# Company introduction - Obtained a patent for the world's first direct-water built-in humidifier

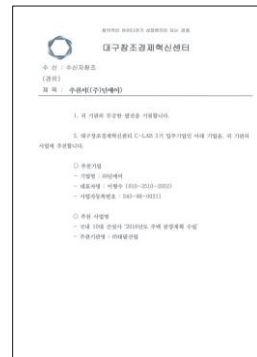
Sort	Content	Application/ Registration No	ect
Trademark	DYNAIR	40-1202348	Registration
Patent	Direct-water built-in humidifier	10-0955417	Registration
Patent	Direct-water built-in natural humidifier and Humidification method	10-0977857	Registration
Patent	Direct-water connected humidifier	10-1731976	Registration
Design	Humidifier	30-0913632	Registration
Design	wall-mounted air cleaning humidifier	30-0951509	Registration
Design	wall-mounted air cleaning humidifier	30-0956642	Registration
Design	wall-mounted humidifier	30-0876759	Registration
Japanese patent	Direct-water connected humidifier	2016-187547	Registration



venture enterprise  
certificate



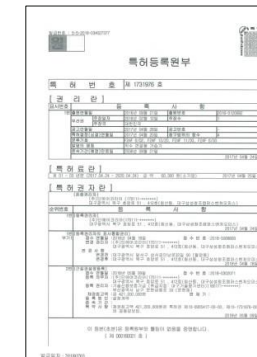
Small Business  
(written)Confirmation



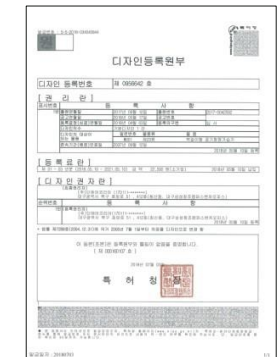
Recommendations  
from Korea top 10  
construction  
companies



KCL test report



Patent register for  
direct-water  
connected  
humidifier



Design register for  
wall mounted air  
cleaning humidifier

A low-angle, upward-looking perspective of several modern skyscrapers with glass facades. The buildings are arranged in a way that creates a strong sense of verticality and depth, with the lines of the buildings converging towards the top of the frame. The sky is a pale, overcast grey. The overall color palette is muted, with various shades of blue, grey, and white.

## 02. PRODUCT INTRODUCTION

# Product Information— Trial product production



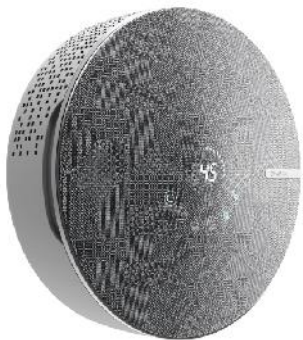
<HON-Type>



<A-Type>



<D-Type>



<F-Type>



<ProtoType>



# Product Information – Air sterility (launched in 2021)



Dahlia gold



Light silver



Champagne gold

<b>Size</b>	Wall hangings: 430x430x192mm Stand: 430x435x227mm	<b>retail price</b>	799,000 won
<b>Weight</b>	(Wall hangings: 5.8 kg), (Stand: 5.9 kg)	<b>Applied area</b>	20.9m <sup>2</sup>
<b>Color</b>	Dahlia gold, light silver, champagne gold	<b>Product type</b>	Wall hangings, stands (2)
<b>Power</b>	220V ~ 60Hz	<b>Product name</b>	DYN-C100A
<b>Power</b>	15w	<b>manufacturer</b>	DeanAir Korea Co., Ltd.
<b>consumption</b>	Stand body, prefilter, deodorization + hepa filter	<b>distributor</b>	DeanAir Korea Co., Ltd.
<b>product</b>	(combination)	<b>Country of origin</b>	Republic of Korea
<b>composition</b>	License (with product certificate) Wall mounts and brackets, pieces, knife blocks	<b>Warranty period</b>	For one year from the date of installation

## Product Information – Product Photos



Dahlia Gold



Light silver



Champagne Gold



## Product Information – Sensors and filters

### Sensor Type

- ◆ Fine dust sensor :

Detects fine dust inflows of pm2.5 ( $2.5\mu\text{m}$  or more)

- ◆ Hazardous gases sensors :

Detects CO<sub>2</sub>, greenhouse gases and even hazardous substances.



Dust sensor

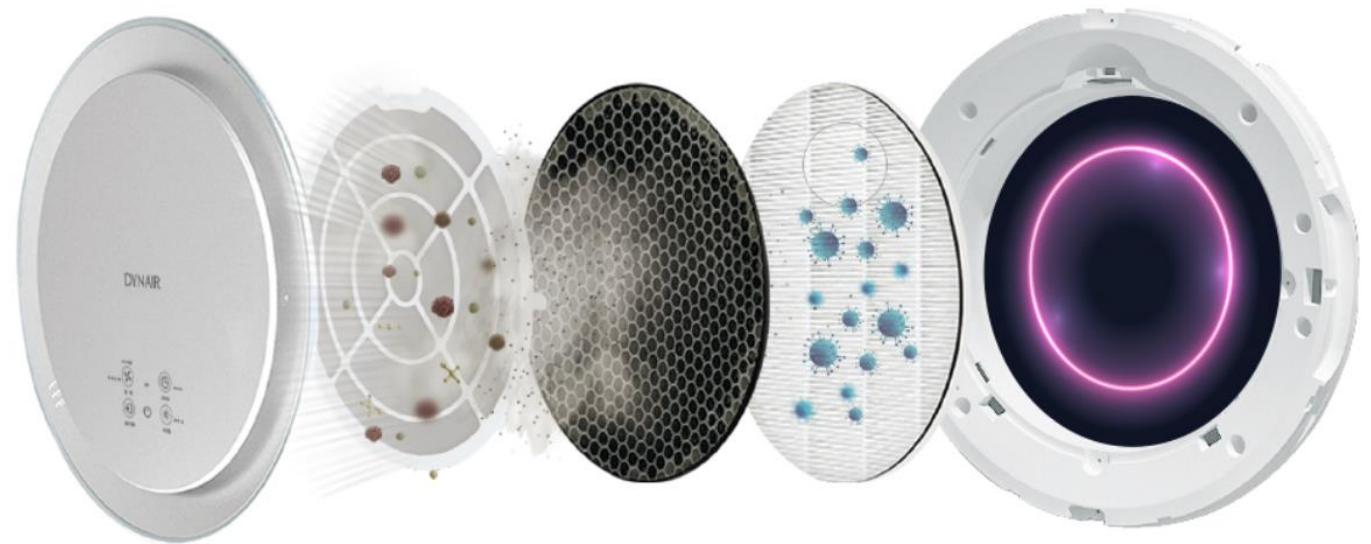


Hazardous  
gases sensors

# Product Information – Sensors and filters

## Filter Type

- ◆ **Prefilter** : It blocks visible life protection, sapping, animal fur, etc.
- ◆ **Deodorizing Filter** : Remove harmful gases, odors, etc. from paint, leather, furniture, etc.
- ◆ **Hepafilter** : Completely blocks H13 class fine dust particles by more than 99.95%.



Free filter

Deodorizing filter

HEPA filter

UVC LED

Plasma air

## Product Information – Product Store

- 01 ➤ **Antiviral function**  
You can take care of viruses, germs, and even ultra-high-tax.
- 02 ➤ **Usability**  
It provides convenient home care with function simpler, IOT function.
- 03 ➤ **Clean-clean**  
It is recognizable at a glance from a distance with a large visible LED.
- 04 ➤ **Power consumption**  
It has a rated power of 15w and has a relatively low electricity tax.
- 05 ➤ **Installation space**  
As it becomes the stands of the floor, and installation is possible on the wall. The space is highly usable.



# Product Information - Product Advantage

Space utilization is high by using as a stand on the floor or installing on the wall.



The large visible LED allows recognition at a glance from a distance.



Convenient home care is provided with simplified functions and IOT functions.



Wall mounted type prevents safety accidents for pets and children



# Product introduction - Differentiation from competitors

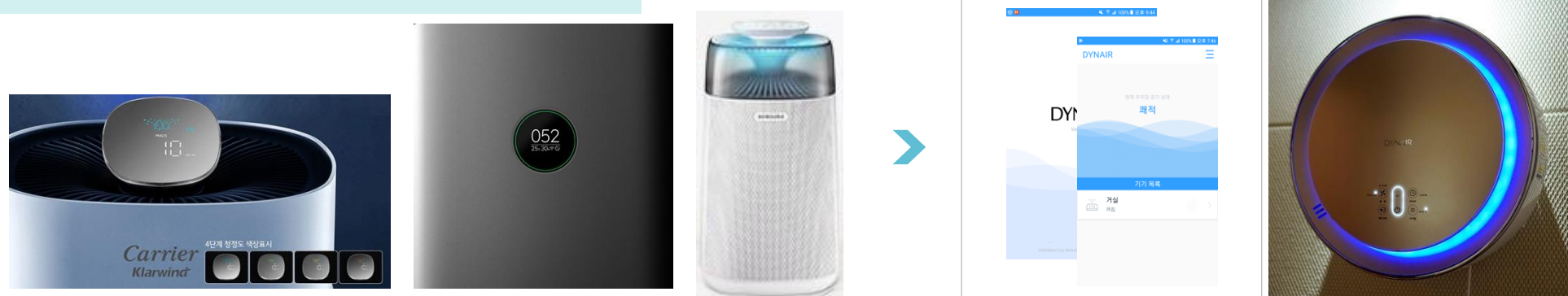
## 1. Distinctive design



## 2. Innovative installation type



## 3. IOT linkage & intuitive LED



## 1. Satisfaction Score

※ Number of people surveyed :

16 (100% female)

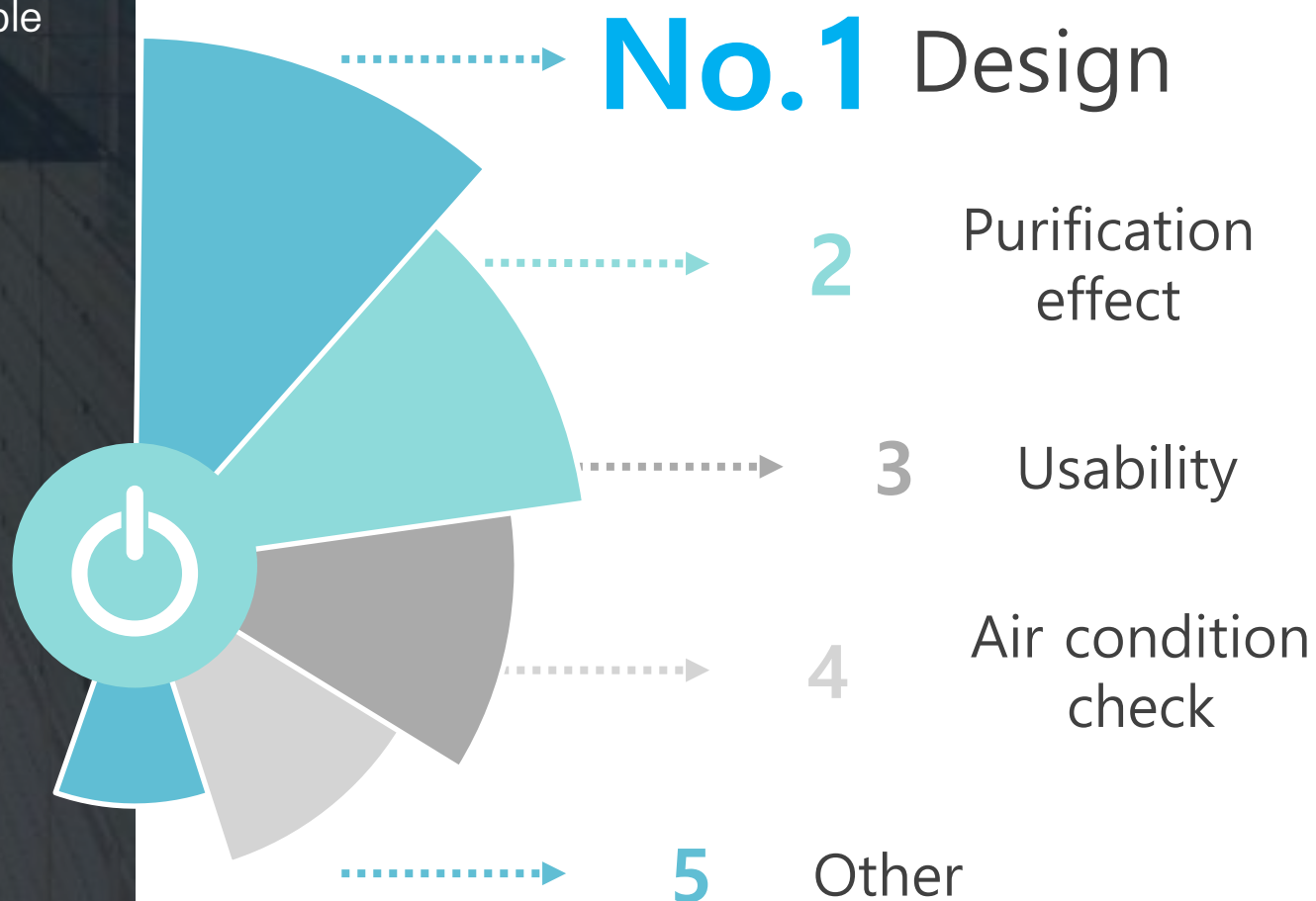
-30s 4 people / 40s 9 people / 50s 3 people

**90.5**

Level of “satisfaction 90 scores” based on 100 scores

Average overall satisfaction of competitors 89.2

## 2. Satisfaction Rank





### 03. APPLICATION EXAMPLE

## Application example - Light Silver



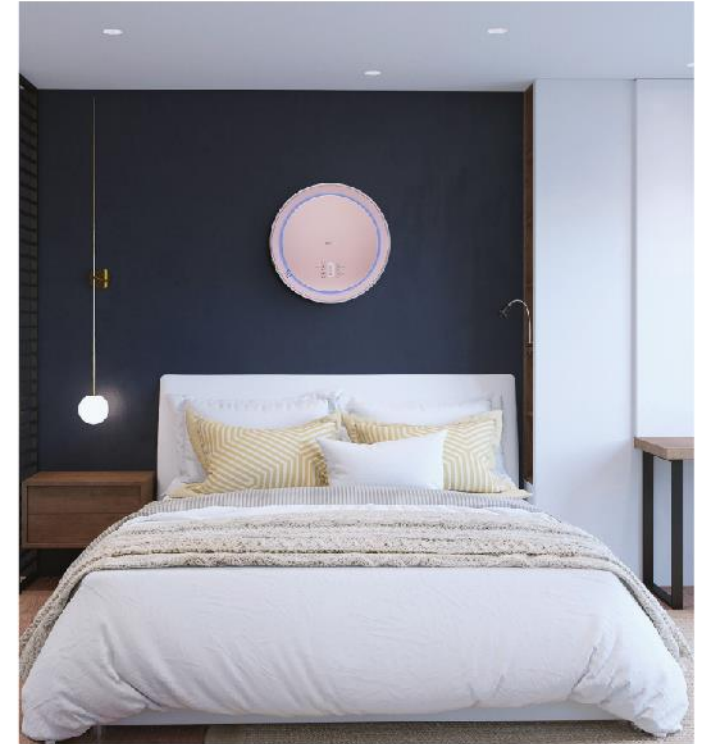
It is a light silver color with monotonous and metallic feelings. Balanced silver between black and white matches well with most other colors to create a harmonious mood.

## Application example - Champagne gold



It is a champagne gold color that has an unusual charm by utilizing the unique color of gold. It looks a little more characteristic and will turn the home into a classy atmosphere.

## Application example – Dahlia gold



The main target is women, the color of accessories and cosmetics became motive. The value of the interior will be higher with the classy color and unique feelings.

## Application example

Sensors for the ultra-fine dust and the harmful gas detect automatically and create a pleasant space at any moment.



## Application example



It can be installed on the wall in a small area store, so space utilization is high. DYN-AIR air cleaner products are harmonized with the interior of any space.

## Application example



DYNAIR can be used as a wall mounted type by combining a bracket as well as a stand type. When used as a wall mounted type, it is safe to keep out of reach of children.



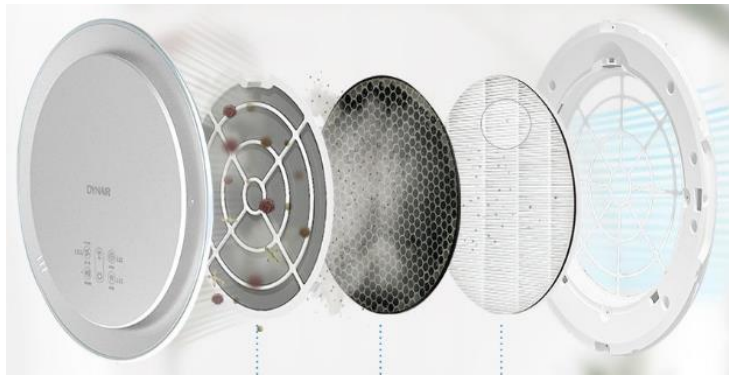
## 04. PREPARATION STATUS

# Characteristics of market analysis and technology - Antiviral air purifiers

## Business item details and goals

The recent Corona 19 outbreak is expected to increase the market demand for antiviral products as health and hygiene interests increase.

Currently, we have received various tests and certifications and are preparing to launch and sell in the second half of the year.



Limitations of filter air purifiers



UV-C LED deployment



Plasma ion utilization

Anion, which is harmless to the human body with purified air, is equipped with a plasma ion generator. It can spread ingenuinating bacteria, viruses, bacteria, fungi, pneumonia, etc.

# Acteristic – Air sterilizers

Sterilization is not only in words.

※ It is the result of the test conducted by FITI Testing & Research Institute. The test conducted with Anti Virus function shows a reduction that the inhaled bacteria decreased by up to 99.9%.

## 01. ANTIBACTERIAL ACTIVITY OF TEXTILES ( KS K 0693 : 2016 ) : CFU/mL, BACTERIOSTATIC REDUCTION RATE %

		BLANK	#1
BACTERIA-1	THE NUMBER OF BACTERIA AFTER INOCULATION	$2.3 \times 10^4$	-
	THE NUMBER OF BACTERIA AFTER 18 h	$8.7 \times 10^6$	< 10
	BACTERIOSTATIC REDUCTION RATE	-	99.9
BACTERIA-2	THE NUMBER OF BACTERIA AFTER INOCULATION	$1.8 \times 10^4$	-
	THE NUMBER OF BACTERIA AFTER 18 h	$2.7 \times 10^7$	< 10
	BACTERIOSTATIC REDUCTION RATE	-	99.9
BACTERIA-3	THE NUMBER OF BACTERIA AFTER INOCULATION	$1.7 \times 10^4$	-
	THE NUMBER OF BACTERIA AFTER 18 h	$2.2 \times 10^7$	< 10
	BACTERIOSTATIC REDUCTION RATE	-	99.9

NOTE) STANDARD FABRIC : COTTON

NONIONIC SURFACTANT AGENTS : TWEEN 80, 0.05 %

TEST BACTERIA : BACTERIA-1 - *Staphylococcus aureus* ATCC 6538

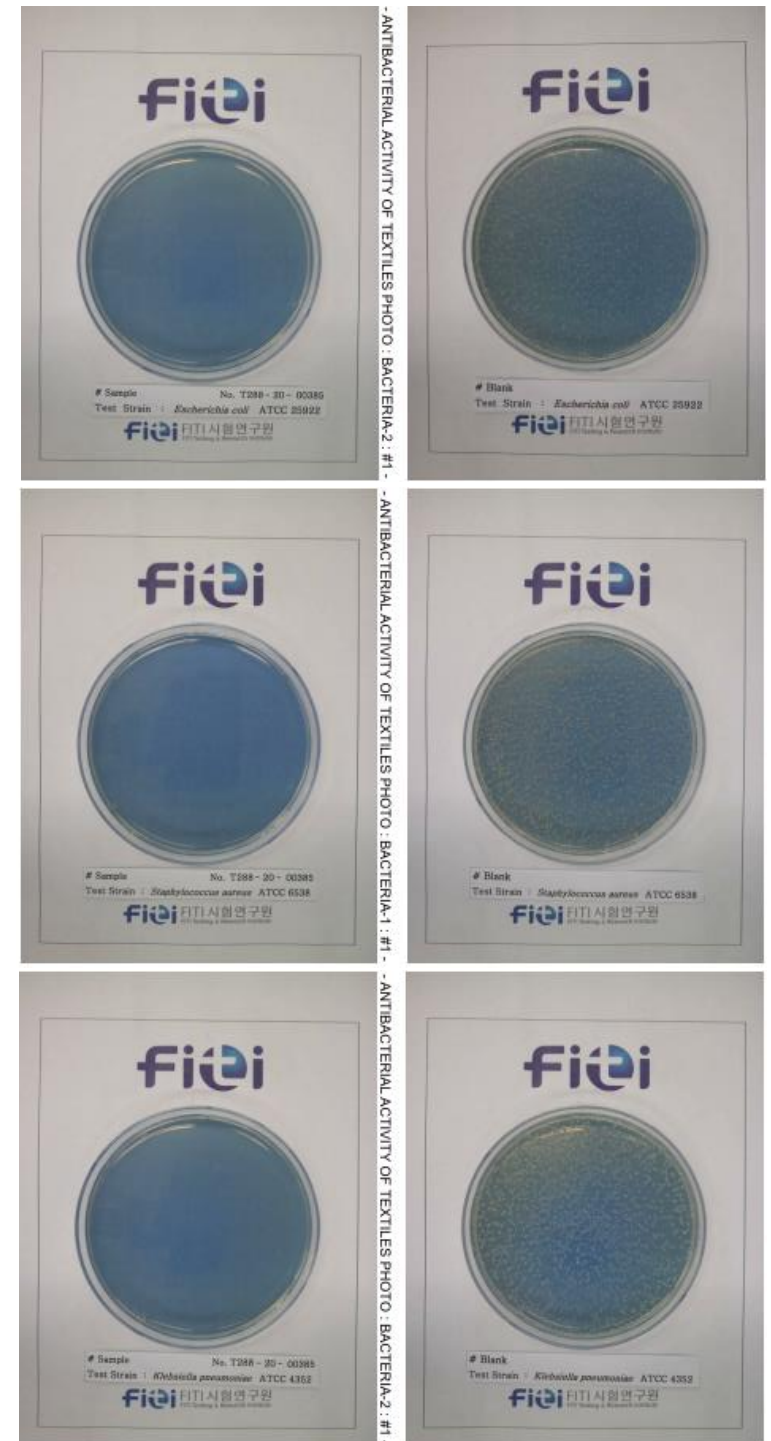
BACTERIA-2 - *Klebsiella pneumoniae* ATCC 4352.

BACTERIA-3 - *Escherichia coli* ATCC 25922

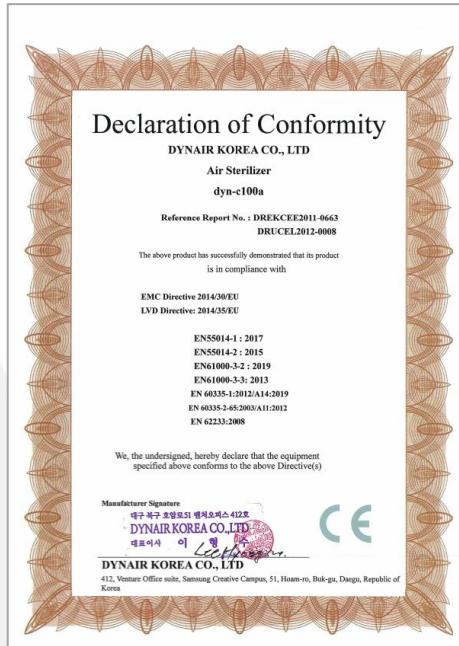
SEE ATTACHED PHOTOS.

< = LESS THAN

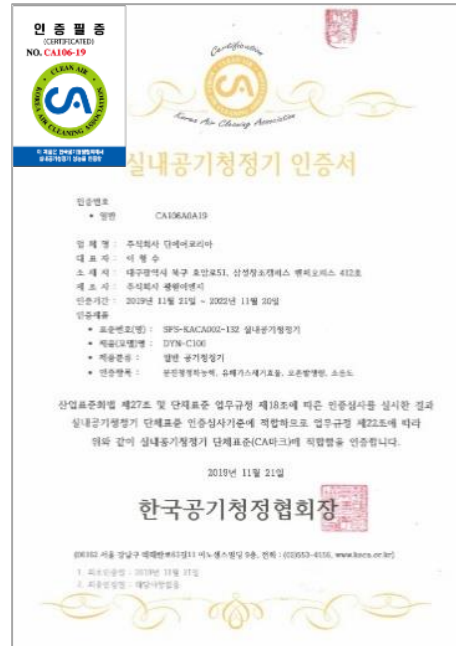
\*\* End of The Report \*\*



# Certification status



CE Certification



CA Certification



GD Selection



Electromagnetic  
Compatibility  
certification



KC Safety  
certification



PL Insurance policy

KCL test completed (noise, clean, deodorization, EER)

# Partner

Factory area : 18,910m2  
Total ground area : 20,413m2



Company name	KIRIN Precision., LTD in Jingok
Established	April 2016
CEO	JUNG UNGYOUNG
License No.	238-87-00246
Location	59-35, Jingoksandan 3beon-ro, Gwangsan-gu, Gwangju, 62464, Korea
business area	imchi refrigerator and refrigerator door / Body manufacturing / Dehumidifier and air cleaner manufacturing Manufacturing dehumidifiers and air purifiers
Number of employees	Executive : 4 people, Administrative position : 35 people, Technical – position : 140 people / Total number 179 people



# Cooperative firm - Production product status



Total 30 kinds production such as Refrigerator, proud kimchi refrigerator, etc.



DYNAIR air cleaner production



Winia dehumidifier production

Dedicated line construction completed Around 500 production per day



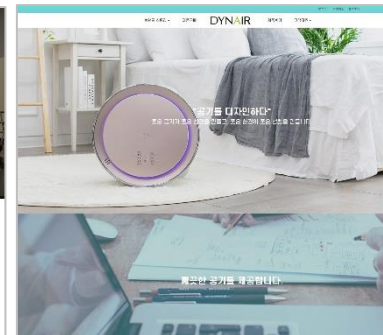
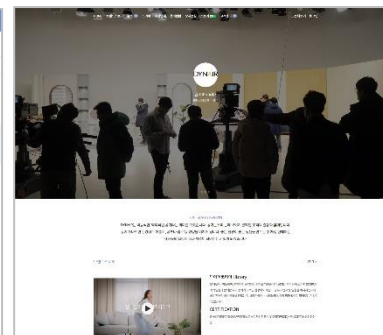
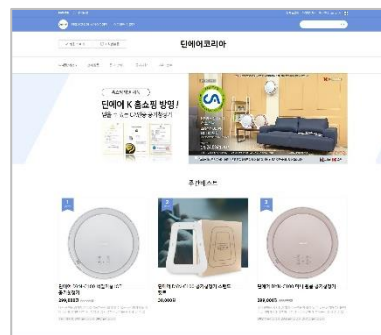
# Distribution and Sales Status

## K Home Shopping Filming in 2020

TV home shopping filming has been completed, broadcasting is in progress and online sales are ongoing at K home shopping site.



## Online Sales



## Offline Sales



## Present state of distribution - LOTTE Shopping



# Promotion Status – Props PPL progress



SBS – Gangnam Scandal



JTBC – LEGAL HIGH



SBS – Suspicious mother-in-law



MBN–Elegant Family



SBS – Wanna taste it?



JTBC – Aide



JTBC – Itaewon Class (ongoing)



## SNS PR status (celebrity)



Kwang-hyun Park



Ha-na Song



Super Junior



좋아요 247개  
gwangparty 하은이방 전용 공기 청정기 #딘에어공기청정기 이번엔 최강 #살균기능 까지 탑재하여 새로 나온... 더 보기



좋아요 247개  
gwangparty 하은이방 전용 공기 청정기 #딘에어공기청정기 이번엔 최강 #살균기능 까지 탑재하여 새로 나온... 더 보기

## Promotion Status – Props PPL progress



SBS – Hyena

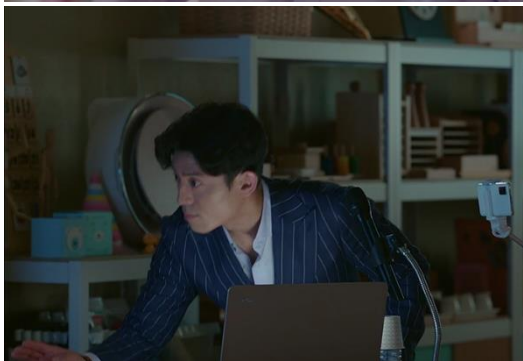


tvN – Psycho, but it's okay

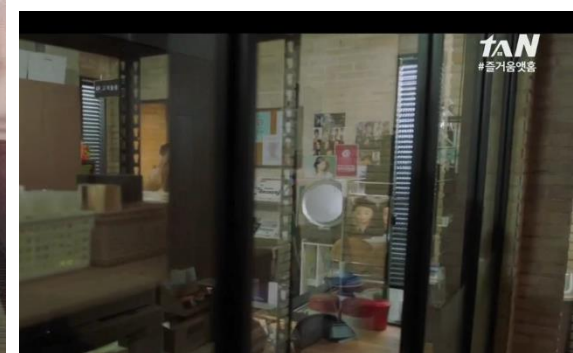
## Promotion Status – Props PPL progress



OCN – Train



MBC – The game is annoying, but I don't want to be lonely!



tv N – Youth Records

## Promotion Status – Props PPL progress



KBS2 – Dodo SolsolaRasol



## Promotion Status – Props PPL progress



JTBC – Monster



## Promotion Status – Props PPL progress

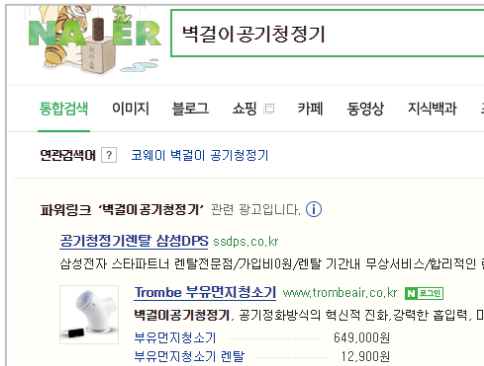


OCN – TIMES



# Advertising status – Viral Marketing Progress

## 1. Keyword ads



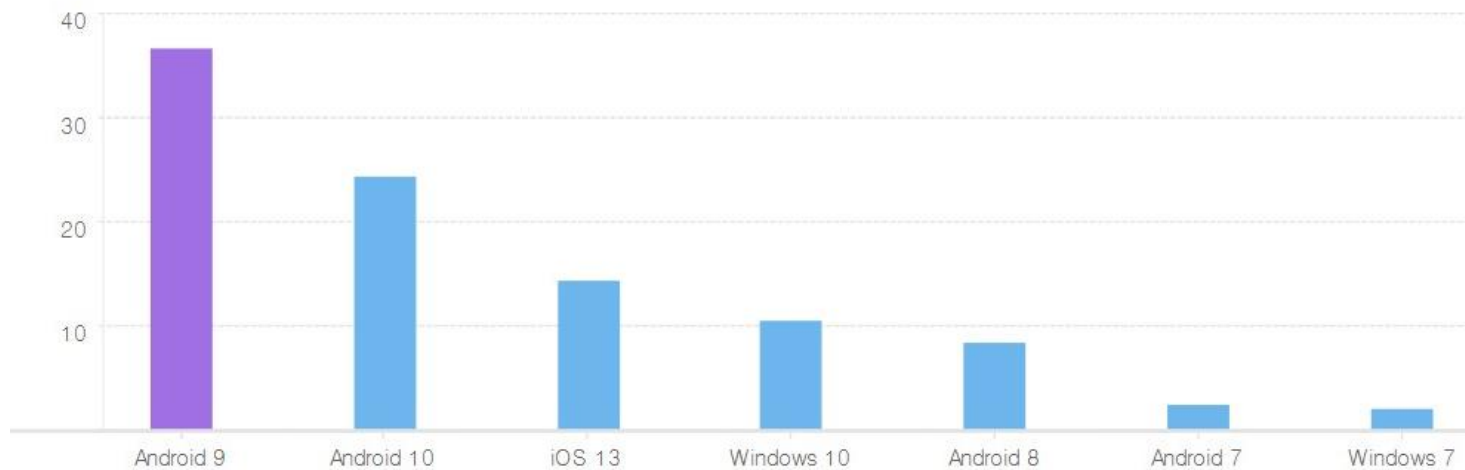
## 2. Related search word exposure



## 3. Blog top exposure



## 4. Mobon target banner ads



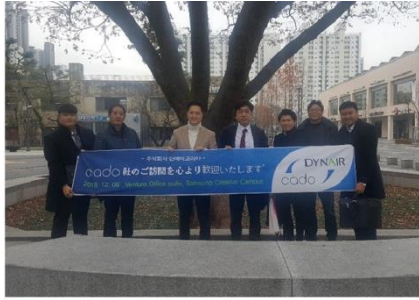
Visitor share

Smart phone : **89.55%**

Smart phone OS

Android : **72.25%**

## Export preparation progress



### Export consultation with Cado company in Japan

Consultation on related work to air cleaner and humidifier development. Sony Life care nursing facility 500 wards to be installed



### Preparation for export to Indonesia

Consultation on export of air cleaner to Indonesia. Rental project in Jakarta Kemang area.



### Preparation for Export to China

Consultation in progress with a number of companies for participating in K Global China 2019 exhibition [Haier] and MOQ for air cleaner China export, pioneering distribution channels



### Preparation for Export to Vietnam

For sale at 13 stores in all areas of Lotte Mart Vietnam, the global sourcing team will place orders directly, and local CR certification will be handled by domestic certification.



### HongKong BROADWAY

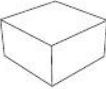
Consultation with BROADWAY on directionality. If continuous Biz is going on in the future, it will proceed toward developing a distinctive Model under mutual consultation.

# Other readiness

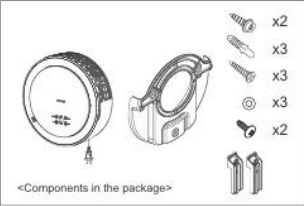
### HOW TO INSTALL – WALL (MOUNT) BRACKET

Take the product out of the shipping box, read the User Manual of the previous pages first, then do the following:


<Unpacking>




<Components in the package>




»Mating parts



①



②



Use screws (A) to fasten holder brackets to the air purifier.

This is the image after the product and the holder brackets are combined.

4

### SMART IOT FUNCTION

IOT function: Smart Home Service allows you to remotely control the DynAir Purifier.  
**Note: The IOT function is only available for Android OS, and not available for iOS.**

#### 1. Initial Setting

- Download the DynAir application from Google Play.
- Please follow the instructions in the order below.

①



②



③



④



⑤



⑥



⑦

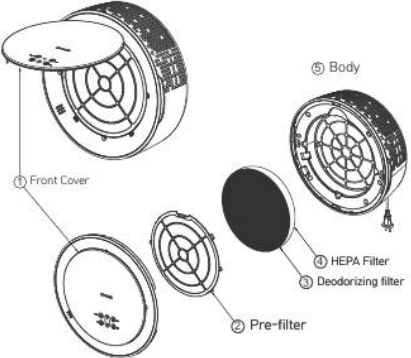


⑧



8

### MAJOR PARTS AND FUNCTIONS



1. Front Cover

Front cover is a part that sucks air in. The built-in LED illuminates soft lights in order of red, green and blue depending on air quality.

Opening the front cover:  
You can easily open the cover by pressing with your fingers.

3. Deodorizing filter (Active carbon)

Deodorizing filter has a large amount of fine holes that remove toxic gases, harmful gases and odors from leather, paint, etc.

4. HEPA Filter (Grade H13)

The high-performance HEPA filter is excellent for blocking fine dust, cigarette smoke, smoke pollution, and the like.

5. Body (the main body of the product)


The body houses a fan, motor, and PCB that are important to control the airflow.

10


### REPLACING THE FILTERS

When you purchase a new filter, remove all packaging material and follow the instruction. Be sure to unplug the product before replacing the filter.

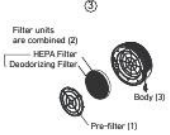
①




②




③




④



⑤



⑥



13

## Instructions for use



A photograph taken from the perspective of a passenger looking out of an airplane window. The right side of the frame shows the white wing and a large jet engine of the aircraft. The sky is a gradient of blue and orange, with the sun low on the horizon, creating a bright glow and lens flare. Below the horizon, a layer of white clouds is visible against the dark ground.

Thank you for your time.

**DYNAIR<sup>®</sup>**  
DYNAIR KOREA CO., LTD