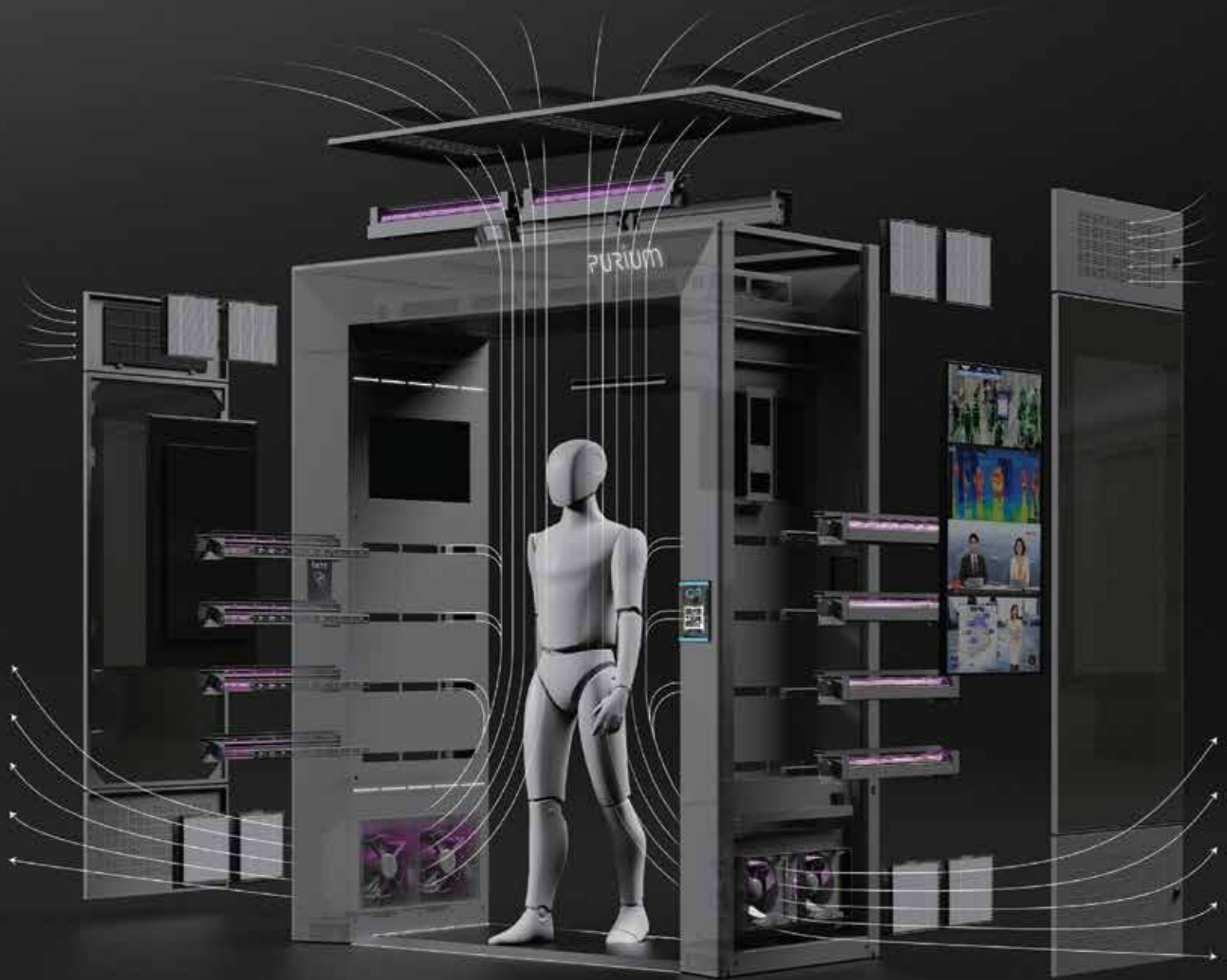




Leading company

PURIUM

MAKE A BETTER SPACE

PURIUM

Make a better space, Make a better place

Fine and ultrafine dust and respiratory infections
- everyday risks regardless of time, place, or season
Eliminates 99.9% of bacteria and viruses at once
feel safe when entering with Purium.



Company Overview

Company Name	PURIUM Co., Ltd.
CEO	Hojin Nam
Established	September 1, 2016
Business Type	Manufacturing, Retail, and Service
Website	http://www.purium.kr
Tel	+82-2-881-5544
E-mail	sales@purium.kr
Fax	+82-2-6442-2174
Address	143, Yeongmun-ro 29beon-gil, Pogok-eup, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Main Products	Manufacturing and sales of AI-based Smart IoT Air Shower Gates, Smart IoT platform services, and indoor air quality management services

ESG Leading company

PURIUM

MAKE A BETTER SPACE

2016 - 2018

2016

Established PURIUM Co., Ltd.

Established Corporate Research Institute

2017

Patent Registration

(Nano Filtration Module)

Patent Application (Smart Air Gate)

Selected as an Excellent Invention Company

Trademark Registration (Smart Recovery)

2018

Completed Prototype Development

(Smart IoT Air Shower)

Patent Application (Air Discharge Device)

Certified as a Venture Company

KC Certification



2022

2022

Declared ESG Management Initiative

Acquired CE Certification

Acquired FCC Certification

Selected as a Domestic Company for Export Expansion

Received Grade B as a Promising Overseas Procurement Company

Designated as a Promising Export SME

Certified as a Human Resource Development SME

Acquired Green Technology Certification

Certified as a Family-Friendly and Great Workplace Company

Selected as a Good Industrial Design Product

Received Minister's Award at the Korea

Invention Patent Exhibition

Acquired SIRM (Malaysia) Certification

Received Minister's Award for

Sustainable Management Excellence



2019 - 2020

2019

Acquired KC Certification

Designated as a Public Procurement Service Innovative Product

Acquired ISO 9001 Certification

Acquired ICT Convergence Quality Certification

Selected as a Good Industrial Design Product

Selected as a Ministry of Trade, Industry and Energy Convergence Item

2020

Designated as a Technology Innovative SME

Designated as a Management Innovative SME

Selected as a Pilot Procurement Product by the Ministry of SMEs and Startups

Capital Increase

(from 300 million KRW to 990 million KRW)

Selected as a Ministry of Trade, Industry and Energy Leading Convergence Company

Designated as a Public Procurement Service Innovative product



2023 - 2024

2023

Acquired Green Technology Product Certificate

Acquired Intellectual Property Management Certification

Acquired CE RoHS Certification

Acquired EcoVadis (Silver) Certification

Obtained Intellectual Property

Management Certificate

Signed MOU with Environmental Foundation

Selected as an Excellent Military Pilot

Procurement Company

Selected as a Leading Industrial Convergence Company

2024

Selected as a Smart Small Business Technology Company

Donated Goods to Green Umbrella Children's Foundation for Children with Disabilities

Re-selected as a Ehiac Company of Gyeonggi-do

Selected as an Excellent Company under the Price Indexation System for Supply Payments



2021

2021

Certified as an Excellent Technology Company (T-2)

Selected as a Promising Overseas Procurement Company

Relocated Headquarters to

Yangji-myeon, Cheoin-gu, Yongin

Received the Korea Consumer Award

Business Restructuring Plan

Approved by the Ministry of Trade, Industry and Energy

Selected as a Promising Design Innovation Company

Acquired ISO 14001 Certification

Selected as a Good Company of Gyeonggi-do



2025

2025

Re-selected as a Leading Industrial Convergence Company

Re-selected as an Industrial Convergence Innovative Product

Donated to the Marine Corps

Education and Training Center Hospital

Provided Free Care Services to

Wildfire-Affected Areas

Donated to Wildfire-Affected Areas in Andong City

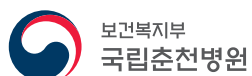
Donated to Wildfire-Affected Areas in Cheongsong County



Major Clients and Certifications

Make a better world together, PURIUM

PURIUM is always beside those who strive to create a better world together.





혁신제품



벤처나라 물품 등록

중소기업 기술개발제품
시범구매 제품

녹색인증

우수발명품
우선구매 추천 제품

군우수상품품 선정

우수 디자인
산업통상자원부산업융합품목인증
산업융합선도기업

ICT 융합품질인증



CE 인증



KC 인증



FCC 인증



ISO 9001



ISO 14001



경영혁신형 중소기업



기술혁신형 중소기업



벤처기업

혁신기업
국가대표1000

사업재편승인기업

해외조달시장진출
유망기업

디자인 혁신 유망기업



K-RE100 등록기업



경기도 유망중소기업



경기도 유망환경기업



수출 프론티어 기업



경기도 착한기업



여가친화인증기업



에코바디스 실버

PURIUM's Main Business Areas

To make the world more beneficial

Following the pandemic, PURIUM not only focuses on air purification but also provides an integrated solution combining five functions - sterilization, antibacterial, purification, dust collection, and deodorization. We offer real-time indoor air quality monitoring, trend analysis, improvement solutions, and periodic service care to ensure safer and cleaner indoor environments.



Product Sales

By installing our devices indoors, we block harmful substances such as fine and ultrafine dust, bacteria, and viruses at the source, while collecting and removing contaminants attached to skin and clothing to maintain a clean indoor environment.



Air Quality Data Analysis

We provide 24/7 real-time monitoring and analysis of indoor air quality, helping maintain clean spaces by measuring and analyzing air conditions to support ongoing air quality improvement.



Maintenance

From filter replacement to product cleaning, our care specialists deliver thorough and hygienic service management tailored to appropriate maintenance cycles.

PURIUM News

Spreading Good Influence

Step by step, we will continue to spread positive influence.

PURIUM donated "Smart IoT Air Shower" units to wildfire victims in Andong



PURIUM Co., Ltd. donated goods to the Green Umbrella Foundation and children with severe disabilities.



Recognized for "Outstanding Supply and Contribution to K-Quarantine," PURIUM received the Administrator's Award from the Public Procurement Service.



PURIUM donated a "Smart Safety Disinfection Gate" to Neungju High School in Hwasun.



PURIUM delivered emergency relief supplies to Türkiye.



PURIUM Co., Ltd. donated two Air Shower units worth 77 million KRW to Chung-Ang University.



PURIUM held an ESG Management Declaration Ceremony.



PURIUM provided Smart Safety Disinfection Gates to Pakistan.



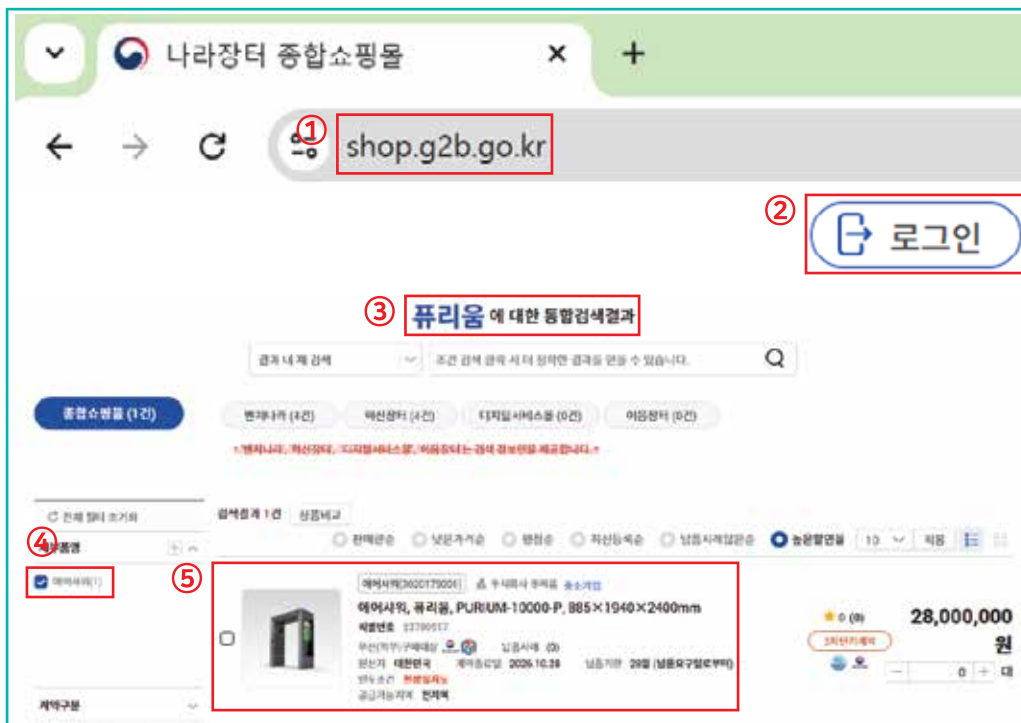
The Gangdong District Office presented a Certificate of Appreciation to PURIUM for donating Smart Air Shower units.



How to Purchase PURIUM Products and Benefits

PURIUM is Always by your side

PURIUM takes responsibility for the air in your space.



How to Use the Public procurement Service's Nara Market Shopping Mall

Product Classification/Identification Number : 3020179001/23700917

- ① Visit 'Nara Market Shopping Mall' (<http://shop.g2b.go.kr/>)
- ② Log in with a registered digital certificate (first-time users must agree to the terms of use)
- ③ Search for "PURIUM" in the shopping mall search bar
- ④ From the product list, select "Air Shower" under the detailed category at the bottom left
- ⑤ Check the product details and click "Purchase"

※ A procurement service fee will be added due to the tripartite unit price contract.



- ① Visit the "Public Procurement Service Innovation Market Portal" (<http://ppi.g2b.go.kr:8911/>)
- ② Log in using a registered digital certificate (first-time users must agree to the terms of use)
- ③ Search "PURIUM" in the Innovation Product Mall and select "Smart IoT Air Shower"
- ④ Check the product details and click "Purchase"



- ① Visit "Venture Nara" (<https://venture.g2b.go.kr:8321/index.jsp>)
- ② Log in to Venture Nara
- ③ Search "PURIUM" and select the Air Shower product you wish to purchase
- ④ Check the product details and click "Purchase"



- ① Visit "Win-Win Growth Mall"
- ② Log in to the Win-Win Growth Mall
- ③ Search "PURIUM" and select "Smart IoT Air Shower"
- ④ Check the product details and click "Purchase"



- ① Visit "SME Technology Market" (<https://www.techmarket.kr/>)
- ② From the menu, select "Certified Technologies (Products)"
- ③ Search "PURIUM" and select "Air Shower Gate"
- ④ Check the product details and click "Purchase"

Benefits of Purchasing PURIUM Products

Benefits for Purchasing Organizations (Demand Institutions)

Government Performance Evaluation Credit

Purchases of designated innovative products are recognized in government innovation evaluations.

Administrative Liability Exemption

Procurement officers are exempt from disciplinary actions if there is no willful or gross negligence at the time of procurement.

*Gross negligence : Privat interest conflicts / significant procedural defects.

Priority Purchase System for Technology Development Products

Included among 14 categories of technology development products prioritized for procurement from SMEs.

Benefits for Innovative Suppliers (PURIUM)

Eligible for Direct Contracting

According to Article 26, (1) 5 (Sa) of the Enforcement Decree of the Act on Contracts to Which the State is a Party

According to Article 25, (1) 3 (Da) Enforcement Decree of the Act on Contracts to Which a Local Government is a Party

According to Article 7-3 the Enforcement Decree of the Act on Contracts for Public Procurement (Pilot Purchase of Prototypes)

Contract Conclusion Request to PPS (4), Disclosure of Usage Results (5)

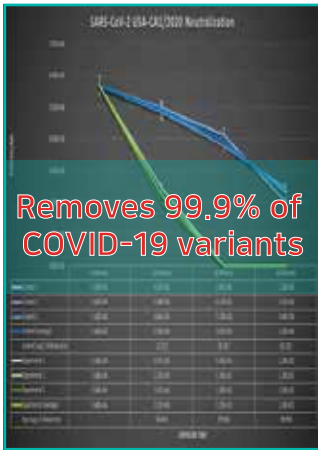
Advantages of Purchasing PURIUM Products

PURIUM Grows further

PURIUM’s effort and technology set new standards and values for the era ahead.

01	The first product designated under the Public Procurement Service’s “Innovative Product System.”	02	Recommended for priority purchase as an excellent invention in pilot purchases of innovative products and SME technology development products.
03	The only indoor disinfection product eligible for one-on-one direct contracts with public institutions, regardless of contract amount.	04	Five-year audit exemption and liability protection for procurement officers when purchasing innovative products.
05	Additional 10-point merit granted to heads of purchasing organizations.	06	Certified as a Green Specialized Enterprise, Green Technology, and Green Technology Product.
07	Eligible for priority and mandatory purchase under government procurement budgets.	08	Economical operation and maintenance with electricity costs under 20,000 KRW per month.
09	Official performance test reports verified by accredited institutions for antiviral and sterilization functions.	10	As of October 2024, more than 1,000 units are installed and in use nationwide.

Holds numerous certifiable domestic and international certifications, patents, and test reports.



Care Service

We provide differentiated care services, both paid and free, through regular on-site visits where the products are installed.



01 Product Inspection

- We inspect the exterior, operating conditions (modes), air volume, and noise levels to ensure the product functions properly.
- If any issues are found, we offer free part replacement or A/S service for products within one year of purchase.



02 Software Updates

- Regular software updates are conducted to enhance stability and performance.
- We verify OS and software versions for all electronic components and perform updates to ensure products always operate in the latest, optimal condition.



03 Product Cleaning

- Since the product provides both air purification and sterilization functions in a single device, regular cleaning is crucial to maintain performance and stability.
- Cleaning is carried out according to detailed care service procedures to ensure safe and reliable use.



04 Consumable Replacement (Filters, etc.)

- The dust-collecting filters, composed of CD filters and high-efficiency HEPA filters, as well as pre-filters, require periodic replacement to maintain performance.
- Dust-collecting filters are recommended for replacement every three months, and a one-year free replacement service is provided.



05 Consumable Replacement (Phytoncide)

- The phytoncide cartridges use natural cypress extracts from Jangseong, Jeollanam-do, providing excellent deodorizing, antibacterial, and air-purifying effects.
- Depending on the model, 8 to 24 phytoncide cartridges are provided.



06 Phytoncide Diffusion

- After inspection, cleaning, and replacement of consumables, the service is completed by spraying a natural phytoncide mist around the product area.

PURIUM Product Overview

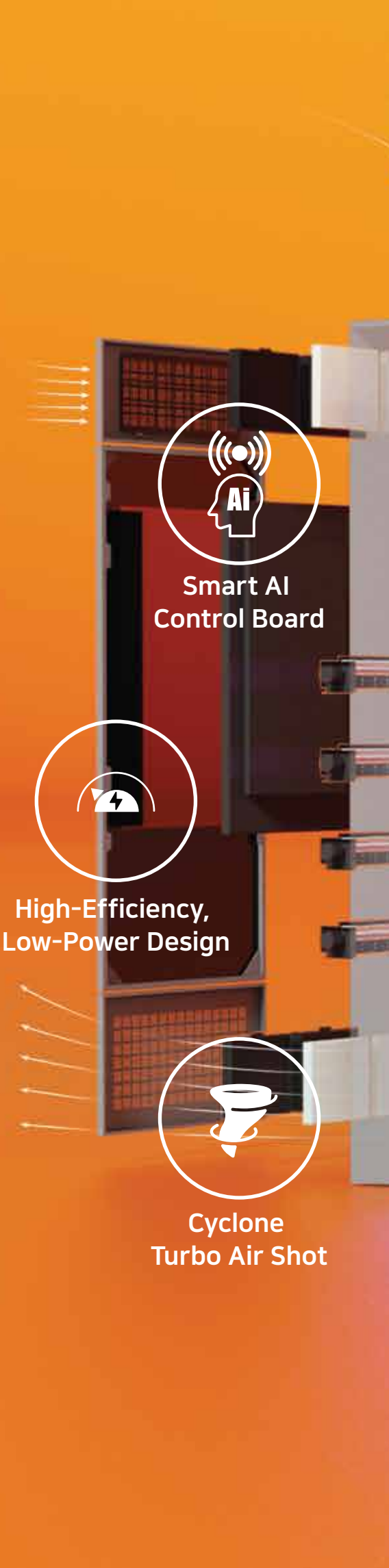
Smart IoT High technology

A single product that integrates all five functions - sterilization, antibacterial, purification, dust collection, and deodorization.

Product Lineup / 13

- For Facilities
- For Small Facilities
- For Advertising Use
- For Special Purposes
- For Walk-Through Use
- For Indoor Use (Steel)
- For Indoor Use (Hinoki Cypress)
- For Indoor Advertising (Steel/Hinoki)

Consumables and Optional Accessories / 16





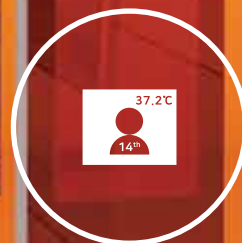
Smart IoT
Air Tube



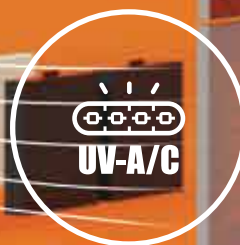
AI Thermal
Imaging Camera



AI Air Quality
Measurement Sensor



Smart Digital
Signage



Dual UV-A/C Sterilization
and Antiviral Function



Large Dust-Collecting
Fan with Anti-Scattering
Technology



Natural Phytoncide
Antibacterial Deodorization

Product Lineup

For Facilities

PURIUM - 10000-P / 10000-B

Installed at the entrances of general multi-use facilities, this unit blocks harmful substances such as fine and ultrafine dust, bacteria, and viruses from entering. It collects and removes contaminants attached to skin and clothing, maintaining a safe and clean indoor environment.

*P type includes an external 43-inch digital ginage; B type does not.

Total Size(mm) : 1,940(W) x 2,400(H) x 886(D)



For Small Facilities

PURIUM - 20000-B / 20010-B

Designed for small-scale spaces such as daycare centers, childcare facilities, and offices, this air shower gate features low-noise and low-power engineering, providing a safe and clean indoor environment even in compact facilities.

Total Size(mm) : 20000-B · 1,770(W) x 2,315(H) x 844(D)

20010-B · 1,670(W) x 2,135(H) x 844(D)



For Advertising Use

PURIUM - 30000-P

Equipped with a large front multimedia advertising module, this product enables both on-site promotional display and external advertising utilization, helping significantly reduce operational costs. It can also be customized for various applications such as disaster alerts, weather information, or video content based on customer needs.

*Advertising panel specifications can be customized upon request.

Total Size(mm) : 3,500(W) x 2,400(H) x 886(D)



30010-P
Metal Detection Module



30020-P
Speed Gate Module

For Special Purposes

PURIUM - 30010-P / 30020-P

A specialized model with enhanced expandability designed for spaces requiring heightened levels of quarantine and security. Equipped with metal detection and speed gate modules, it is ideal for installation in security-controlled facilities such as courthouses and police stations, enabling simultaneous quarantine and security management.



For Walk-Through Use

PURIUM - 50000-P / 50000-B

Developed for high-traffic facilities such as airports, train stations, terminals, and complex cultural centers.

This model enhances the dust-collection and UV-LED sterilization functions, allowing users to be disinfected simply by walking through - without the need to stop or wait.

*P type includes an external 43-inch digital signage; B type does not.

Total Size(mm) : 1,940(W) x 2,400(H) x 2,620(D)

Product Lineup

For Indoor Use (Steel)

PURIUM - 90000-B

Specialized for personal hygiene and air purification, this model is designed for installation at the entrances of individual residences (apartments, officetels, etc.) or offices. It removes contaminants before entering living spaces and analyzes indoor air quality using AI technology, maintaining a clean and safe environment.

Total Size(mm) : 860(W) x 2,000(H) x 500(D)



For Indoor Use (Hinoki Cypress)

PURIUM - 90000-P

An eco-friendly, low-carbon ESG product made from 100% domestic hinoki cypress wood. Utilizing natural phytoncide extracted from Jangseong hinoki trees, it maximizes the forest-bathing effect while ensuring a safe and non-toxic environment. Custom built-in designs are available upon request.

Total Size(mm) : 860(W) x 2,000(H) x 500(D)



For Indoor Advertising (Steel/Hinoki)

Custom Sizes Available (Non-Standard)

This model extends the indoor product with an additional advertising module, combining purification functions with advertising features. It offers cost-saving benefits and can be adapted for multiple purposes, such as disaster alerts, weather updates, and video displays, depending on customer needs.

*Advertising panel dimensions can be customized upon request.

Total Size(mm) : 860~2,580(W) x 2,400(H) x 886(D)



Consumables and Optional Accessories

Consumables



High-Performance HEPA + CD Dust-Collecting Filter

Triple-layer filtration structure with high-performance HEPA filters.

Removes ammonia, acetaldehyde, formaldehyde, acetic acid, toluene, and various VOCs through a large-surface-area, nano-sized activated carbon treatment.



Pre-Filter

Composed of mesh and corrugated filters.

Removes harmful gases and odors

Removing dust



Phytoncide

Uses natural phytoncide extracted from Jangseong hinoki cypress trees, providing an indoor forest-bathing effect through air purification.

Optional Accessories



Thermal Detection Camera

Infrared sensing range: 1m ~ 5m / Accuracy: $\pm 0.3^{\circ}\text{C}$

Image Sensor: Silicon oxide uncooled infrared

focal plane detector / Lens / Resolution; 1920x1080P

WDR (Wide Dynamic Range): $\geq 80\text{Db}$

Image Sensor: 1/2.8" 2.0M Pixel CMOS



Dedicated Foot Mat

Dimensions: 1489(W) * 729(D) * 20(H)

Material: Stainless steel, coil mat



QR Code Scanner

Performs QR code scanning and server transmission,
verifies via the server

Notifies the user with messages or
sound alerts upon verification results.

Major Installation Cases

Installation Case

PURIUM products have been installed and are in operation at over 1,000 locations nationwide, including the Ministry of Economy and Finance, the Ministry of the Interior and Safety, schools, daycare centers, hospitals, and sports facilities.



Government Complex Sejong - Ministry of the Interior and Safety



Chung-Ang University Gwangmyeong Hospital



Government Complex Daejeon - Korea Forest Service



Belle Maman Postpartum Care Center



Clear School Nagok Elementary School



Korea Land & Housing Corporation (Head office)



Korea Ginseng Corporation



Wando County Office, Jeollanam-do



Guri City Council



Korea Investment & Securities



Hanam Catple



Sejong Convention Center



National Tax Service



Seocho District Office, Seoul



Air Force Education and Training Command



Army Geumgok Reserve Forces



KAIST (Korea Advanced Institute of Science and Technology)



Yeomgwang Girls' Meditech High School



Korea Baduk Association Main Hall



Miryang Citizens Church



POSCO Center Daycare Center



Korea Polytechnics



Won Orthopedic Clinic



Senior Welfare Center

www.purium.kr

