

Miraclean S

Combined Air Handling Unit



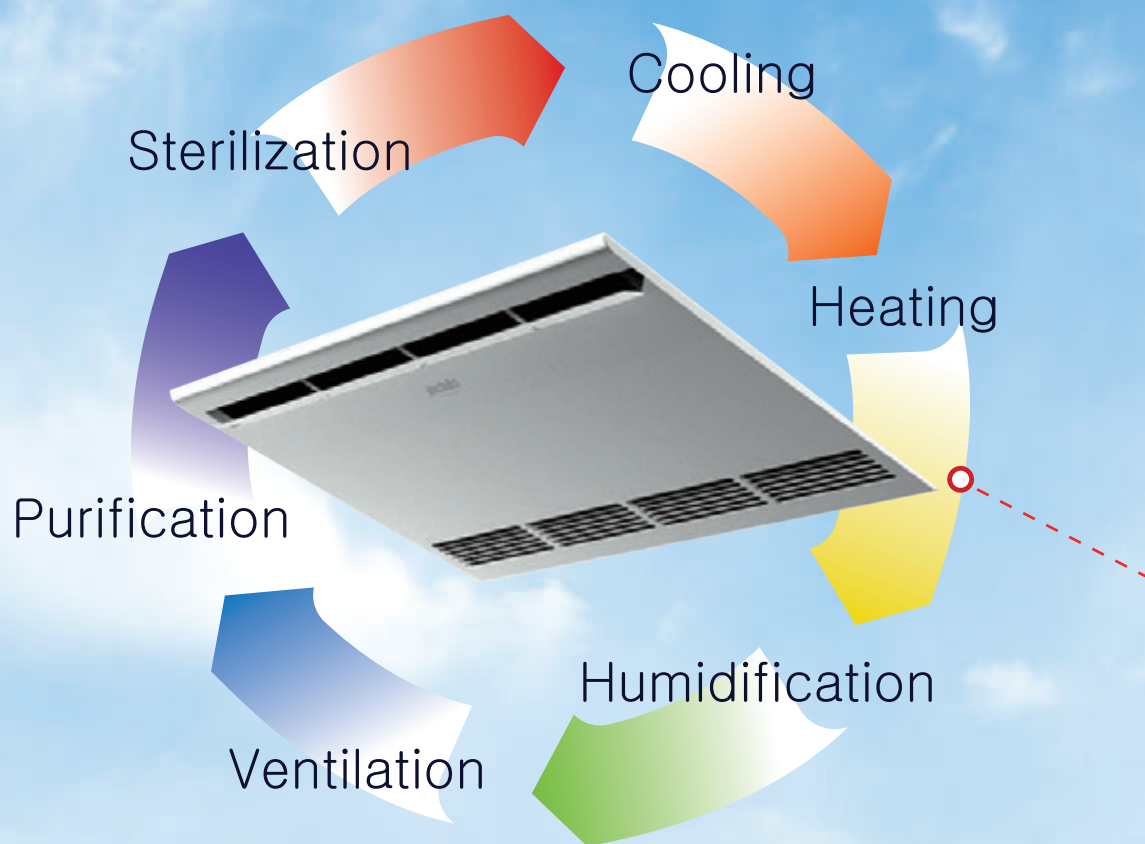
The all-in-one air handling solution

**that offers clean and fresh air
24 hours a day, 365 days a year!**



It is time to use combined air handling unit

The all-in-one air quality solution to air pollution! Miraclean S!



Main Product



Combined Air Handling Unit

We bring fresh air to indoor space!

Combined Air Handling Unit

The world's first hybrid and combined air handling system that improves indoor air quality with a single unit!

Large capacity ventilation purifier

Indoor air purifying system for auditoriums and gymnasiums that saves energy costs and installation space by more than half!

Window Installation Type Air Purifier

A window installation type air purification, sterilization and ventilation system that requires no wall drilling or ceiling modification!

Outdoor Air Ventilation Purifier

Ventilation and air purification, sterilization system that requires only small floor space for unit installation in places such as cafeterias and kitchens in school!

AI Air Monitoring System

AI-based indoor air quality monitoring system that can run 24 hours a day!



Large capacity
ventilation purifier



Window Installation Type
Air Purifier



Outdoor
Air Ventilation Purifier



AI Air Monitoring System

The world's first "hybrid air handler"

Miraclean S is an AI-based indoor air monitoring system that runs 24 hours a day and performs multiple functions such as cooling, heating, ventilating, humidifying and air purifying all at the same time in a single unit!

Problems with Existing Models


Heating and Cooling System


Air purifier


Ventilator


Humidifier

I. Increase in capital cost

II. Increase in energy costs

III. Increase in maintenance costs

IV. Space problems during installation

V. Air quality management difficulties

CleanAce Solution


Combined Air Handling Unit

From 4 units
to only 1 unit

20% reduction in capital costs! ⌚

30% reduction in energy costs! ⌚

40% reduction in maintenance costs! ⌚

50% reduction in installation space! ! ⌚

Integrated indoor air quality
control is possible! ⌚


24h monitoring

Combined Air Handling Product Information System Registration List (Product code: 4010170901)

Model A
(Cooling and Heating + Ventilation)

no	Product serial numbe	Model name	Indoor Unit	Outdoor Unit
1	24528435	CA-HAU-2AI	13CMM*1Unit	—
2	24528436	CA-HAU-3AI	20CMM*1Unit	—
3	24528437	CA-HAU-5AI	35CMM*1Unit	—
4	24499533	CA-HAU-5A	35CMM*1Unit	EHP 5hp
5	24518733	CA-HAU-5A2	35CMM*2Unit	EHP 10hp
6	24518734	CA-HAU-5A3	35CMM*3Unit	EHP 16hp
7	24518735	CA-HAU-5A4	35CMM*4Unit	EHP 20hp
8	24518736	CA-HAU-5A5	35CMM*5Unit	EHP 26hp
9	24518737	CA-HAU-5A6	35CMM*6Unit	EHP 30hp
10	24518738	CA-HAU-5A7	35CMM*7Unit	EHP 36hp
11	24518739	CA-HAU-5A8	35CMM*8Unit	EHP 40hp
12	24518740	CA-HAU-5A9	35CMM*9Unit	EHP 46hp
13	24518741	CA-HAU-5A2G	35CMM*2Unit	GHP 16hp
14	24518742	CA-HAU-5A3G	35CMM*3Unit	GHP 20hp
15	24518743	CA-HAU-5A4G	35CMM*4Unit	GHP 25hp
16	24518744	CA-HAU-5A5G	35CMM*5Unit	GHP 25hp
17	24518745	CA-HAU-5A6G	35CMM*6Unit	GHP 32hp
18	24518746	CA-HAU-5A7G	35CMM*7Unit	GHP 32hp
19	24518747	CA-HAU-5A8G	35CMM*8Unit	GHP 36hp
20	24518748	CA-HAU-5A9G	35CMM*9Unit	GHP 40hp

Model B
(Cooling and heating + Ventilation + Air Purification)

no	Product serial numbe	Model name	Indoor Unit	Outdoor Unit
21	24528438	CA-HAU-2BI	13CMM*1Unit	—
22	24528439	CA-HAU-3BI	20CMM*1Unit	—
23	24528440	CA-HAU-5BI	35CMM*1Unit	—
24	24499534	CA-HAU-5B	35CMM*1Unit	EHP 5hp
25	24518749	CA-HAU-5B2	35CMM*2Unit	EHP 10hp
26	24518750	CA-HAU-5B3	35CMM*3Unit	EHP 16hp
27	24518751	CA-HAU-5B4	35CMM*4Unit	EHP 20hp
28	24518752	CA-HAU-5B5	35CMM*5Unit	EHP 26hp
29	24518753	CA-HAU-5B6	35CMM*6Unit	EHP 30hp
30	24518754	CA-HAU-5B7	35CMM*7Unit	EHP 36hp
31	24518755	CA-HAU-5B8	35CMM*8Unit	EHP 40hp
32	24518756	CA-HAU-5B9	35CMM*9Unit	EHP 46hp
33	24518757	CA-HAU-5B2G	35CMM*2Unit	GHP 16hp
34	24518758	CA-HAU-5B3G	35CMM*3Unit	GHP 20hp
35	24518759	CA-HAU-5B4G	35CMM*4Unit	GHP 25hp
36	24518760	CA-HAU-5B5G	35CMM*5Unit	GHP 25hp
37	24518761	CA-HAU-5B6G	35CMM*6Unit	GHP 32hp
38	24518762	CA-HAU-5B7G	35CMM*7Unit	GHP 32hp
39	24518763	CA-HAU-5B8G	35CMM*8Unit	GHP 36hp
40	24518764	CA-HAU-5B9G	35CMM*9Unit	GHP 40hp

Model C
(Cooling + Ventilation + Air Purification + Humidification)

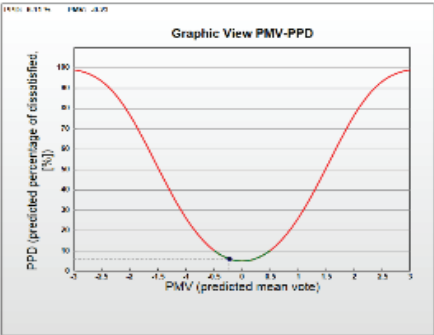
no	Product serial numbe	Model name	Indoor Unit	Outdoor Unit
41	24528441	CA-HAU-2CI	13CMM*1Unit	—
42	24528442	CA-HAU-3CI	20CMM*1Unit	—
43	24528443	CA-HAU-5CI	35CMM*1Unit	—
44	24499532	CA-HAU-5C	35CMM*1Unit	EHP 5hp
45	24518765	CA-HAU-5C2	35CMM*2Unit	EHP 10hp
46	24518766	CA-HAU-5C3	35CMM*3Unit	EHP 16hp
47	24518767	CA-HAU-5C4	35CMM*4Unit	EHP 20hp
48	24518768	CA-HAU-5C5	35CMM*5Unit	EHP 26hp
49	24518769	CA-HAU-5C6	35CMM*6Unit	EHP 30hp
50	24518770	CA-HAU-5C7	35CMM*7Unit	EHP 36hp
51	24518771	CA-HAU-5C8	35CMM*8Unit	EHP 40hp
52	24518772	CA-HAU-5C9	35CMM*9Unit	EHP 46hp
53	24518773	CA-HAU-5C2G	35CMM*2Unit	GHP 16hp
54	24518774	CA-HAU-5C3G	35CMM*3Unit	GHP 20hp
55	24518775	CA-HAU-5C4G	35CMM*4Unit	GHP 25hp
56	24518776	CA-HAU-5C5G	35CMM*5Unit	GHP 25hp
57	24518777	CA-HAU-5C6G	35CMM*6Unit	GHP 32hp
58	24518778	CA-HAU-5C7G	35CMM*7Unit	GHP 32hp
59	24518779	CA-HAU-5C8G	35CMM*8Unit	GHP 36hp
60	24518780	CA-HAU-5C9G	35CMM*9Unit	GHP 40hp

This product is suitable for public organizations as the installation fee is included in the cost of the product. The maximum purchase price is limited to ₩3.3 billion.

Combined air handling units can reduce air pollution by 80%

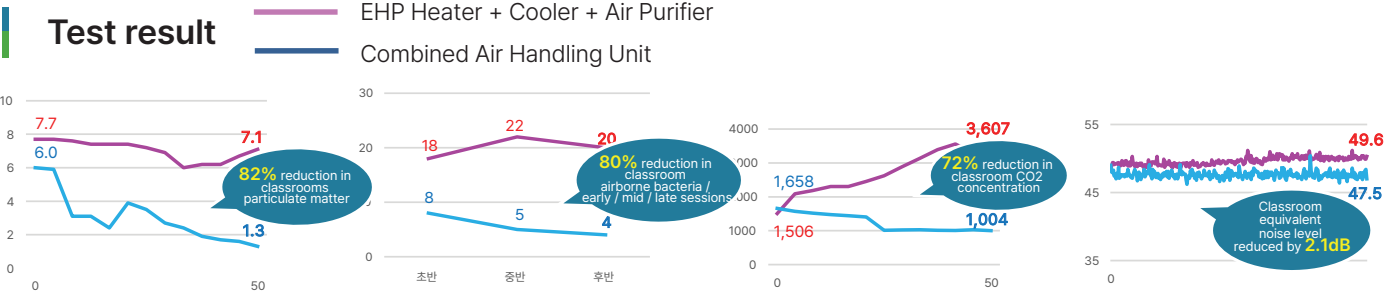
Thermal comfort level in schools increased 7 times!

According to the study on thermal comfort level in schools measured by Predicted Mean Vote (PMV), the values in combined air-conditioned classrooms (+0.03) were higher than in other classrooms (-0.23). This shows that thermal comfort level in combined air-conditioned classrooms is 7 times higher.

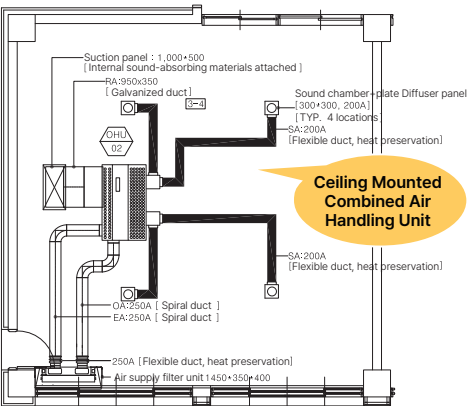


Classroom Air Quality Demonstration Project

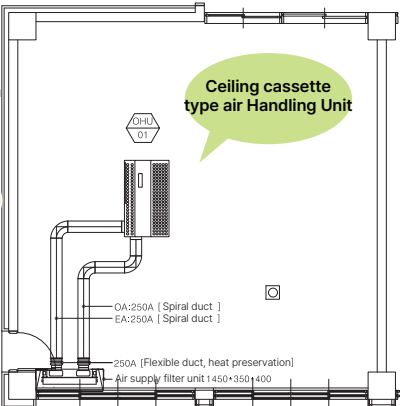
Supported by Seoul Metropolitan Office of Education
Sponsored by Seoul Convention High School
Research institution management Woowon MNE Technology Institute, Inc.
Research supervision Chair of Korean Association of Registered Mechanical Engineering
Co-researchers Cooperative of Education Facility Personnel
Korea Indoor Environment Association
Korean Society for Fine Particulate Matter Reduction and Management



Layout drawing of combined air Handling Unit installation



(Seoul Convention High School 3-4 Classrooms)



(Seoul Convention High School 1-4 classrooms)

Construction accompanying the installation of combined air Handling Unit

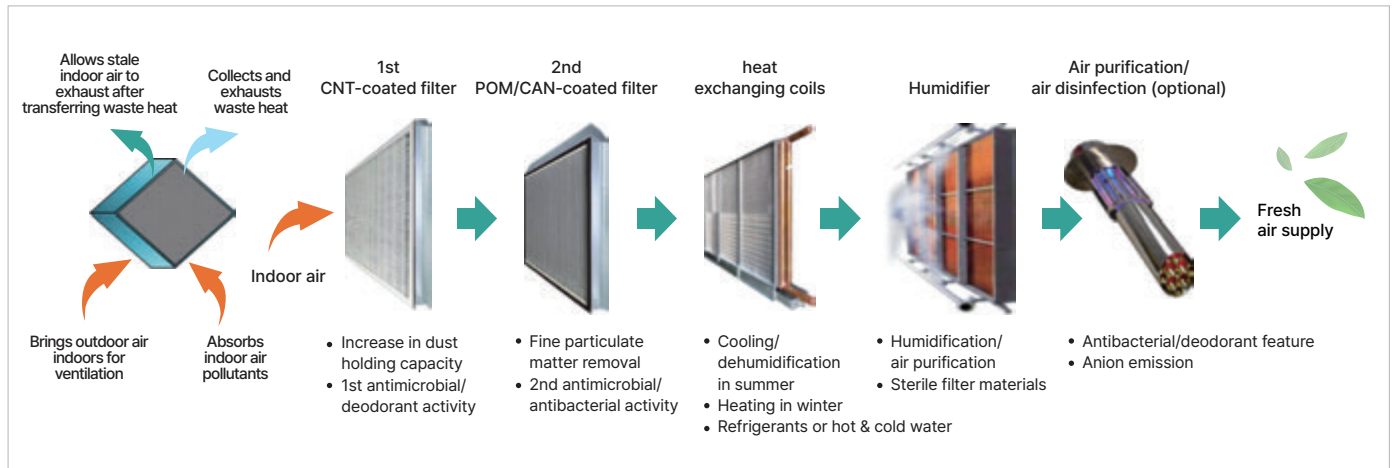
Types of Accompanying Construction QN	Classification
Refrigerant piping	Included
Ventilation duct (air supply & exhaust air duct)	
Humidification piping	
Electricity, auto control wiring , commissioning	
EHP/GHP outdoor unit installation	
Combined air Handling Unit installation	Separate
1st power supply installation	
Communication wiring	
HVAC duct installation	
Monitoring system	

Main Model Specification of Combined Air Handling Unit

Model	CA-HAU-2AI	CA-HAU-3AI	CA-HAU-5AI	CA-HAU-2BI	CA-HAU-3BI	CA-HAU-5BI	CA-HAU-2CI	CA-HAU-3CI	CA-HAU-5CI
Size(L *W*H)	1150*680*260	1380*840*340	1680*980*420	1150*680*260	1380*840*340	1680*980*420	1150*680*260	1380*840*340	1680*980*420
Air velocity (CMH)	Air supply	780	1,200	2,100	780	1,200	2,100	780	1,200
	Ventilation	120	180	600	120	180	600	120	600
Filter	PRE + CNT			PRE+MEDIUM (MERV 12~17)					
Cooling BTU(w)	5,900	8,800	14,800	5,900	8,800	14,800	5,900	8,800	14,800
Heating BTU(w)	6,600	9,900	16,500	6,600	9,900	16,500	6,600	9,900	16,500
Humidifier(kg/h)	-	-	-	-	-	-	0.3	0.5	1.0
Heat Exchanger Efficiency	50~70%								
Power supply	1øAC220V								
Input(w)	90	130	210	110	160	270	120	180	300
Heating devices	EHP / GHP / Water cooler & heater / Refrigerator / Boiler / Heat pump (water, geothermal and air heat)								

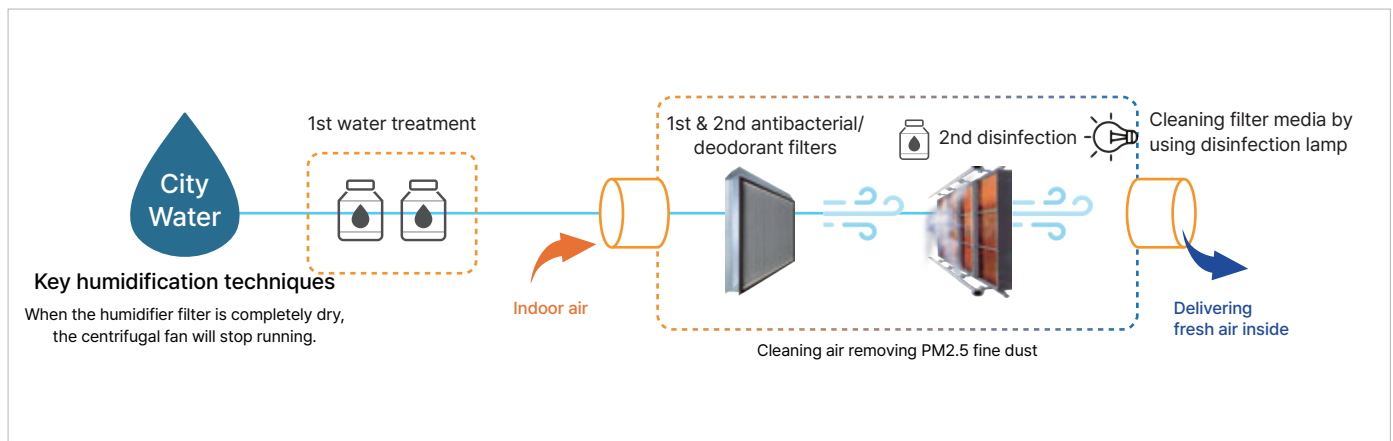
Combined Air Handling Unit Parts & Functions

Improving quality of air flow



Humidification & Air purification Process

(easy-to-clean & safe-to-use humidifier with no need to clean or fill the tank with water)



Complete Antibacterial & Antivirus System (filters/enthalpy exchange elements)

Antivirus solution! Removes 99.994% of viruses

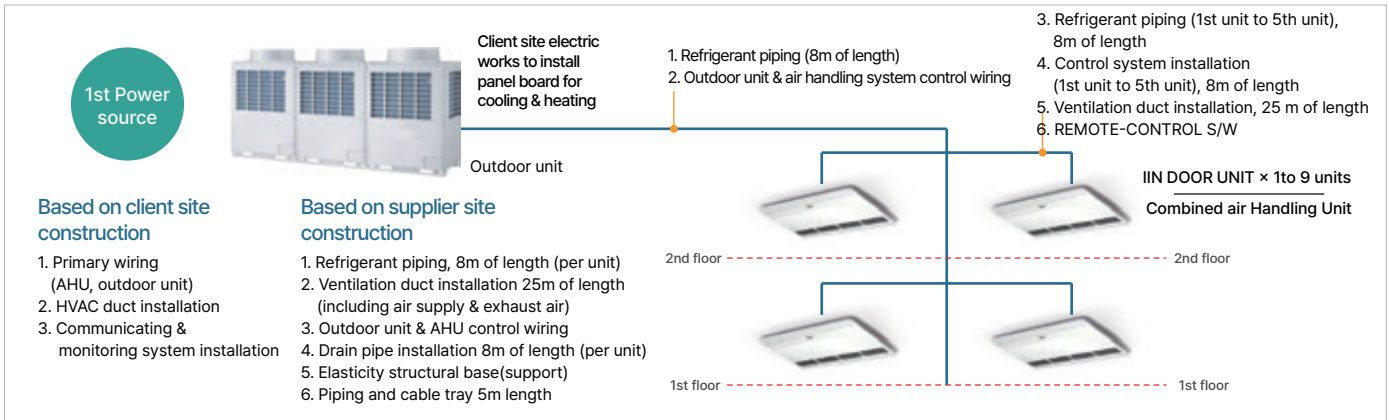
Antimicrobial/Antifungal! Removes 99.9% of bacteria and fungus

MERV 14 filtration

Passed FDA safety standards

Classification	1st filtration		2nd filtration	
	Removal rate(%)	Test laboratory	Removal rate(%)	Test laboratory
Ammonia	99.9	Korea Research Institute of Standards and Science		
Formaldehyde	99.9	Korea Research Institute of Standards and Science		
Benzene	99.9	Korea Research Institute of Standards and Science		
Acetaldehyde	90.0	Korea Research Institute of Standards and Science		
Staphylococcus aureus	99.9	Intertek	99.9	Korea Research Institute of Standards and Science
Escherichia coli	99.9	Intertek		
Influenza A	99.994	Korea Institute of Science		
Human coronaviruses	99.96	Korea Institute of Science		
Ultrafine particles matter			95% 이상	Friend of Industry Technology Information, Testing & Research Institute

High-Efficiency Cooling & Heating System (high-efficiency EHP, GHP)

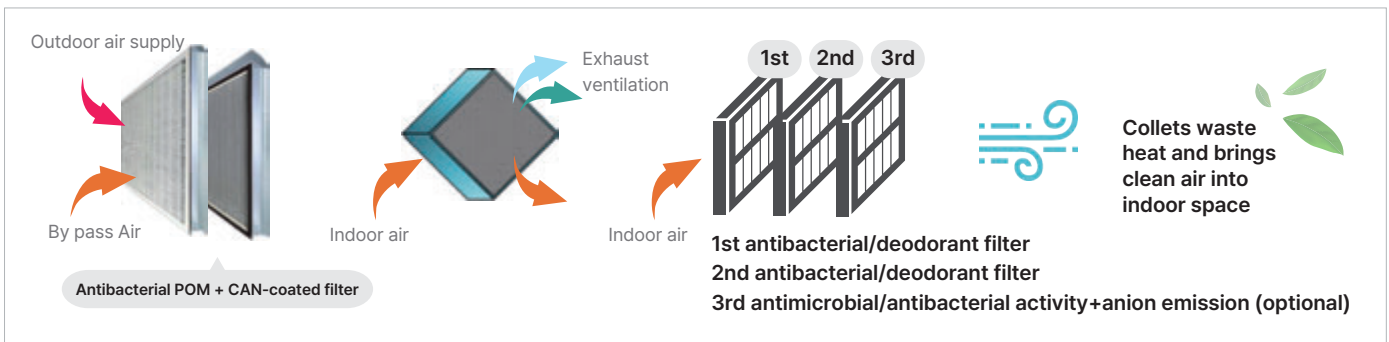


High-Efficiency Ventilation & Purification System

CNT-coated filter with Antibacterial properties that helps blocking outdoor air pollution

Prevents condensation caused by heat exchange elements by recirculating indoor air

Completely dries the heat exchanger elements by recirculating indoor air while shutting out the outdoor air



Various heat source interlocking systems

(EHP, GHP, water heater, renewable geothermal, thermal storage system interlocking)



All-In-One Air Solution

Air Quality-Monitoring System

Existing indoor air quality management method

Multiple devices / different communication channels
Difficulty to apply air quality monitoring system!



The system has multiple devices from different manufacturers that have different communication methods, which makes it hard to manage air quality.

Air quality management of combined air Handling Unit

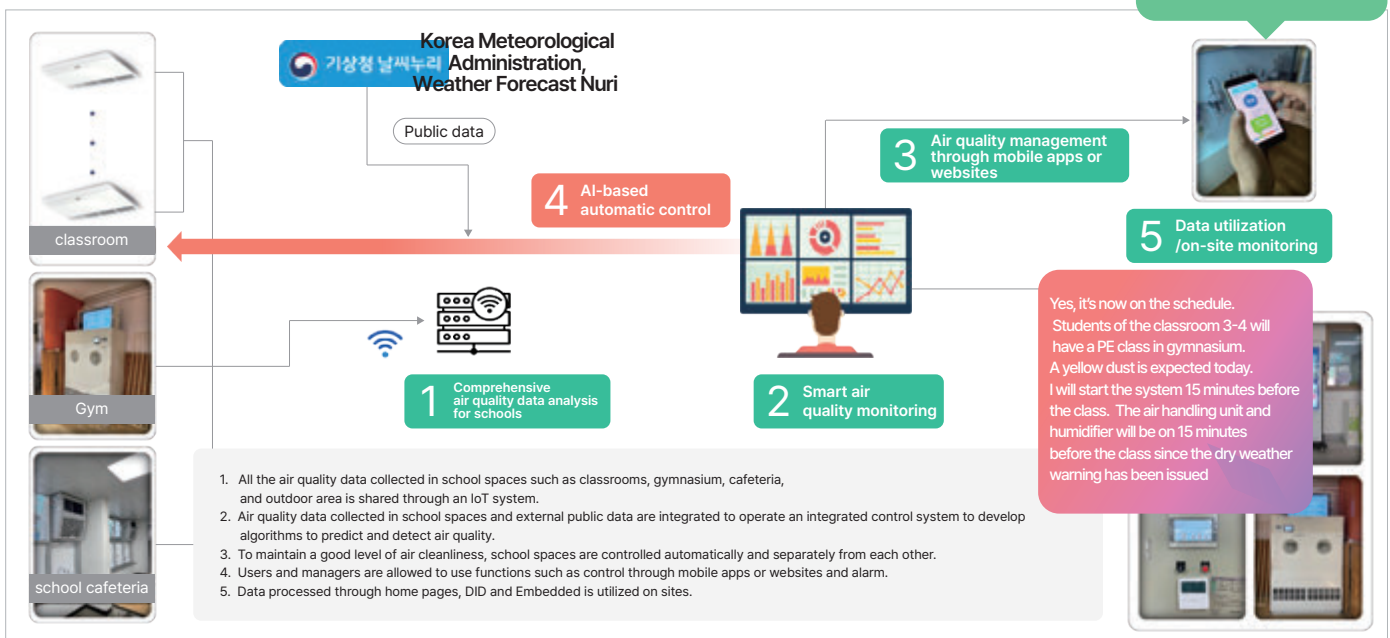
1 unit/1 communication channel

Systematical air quality management!

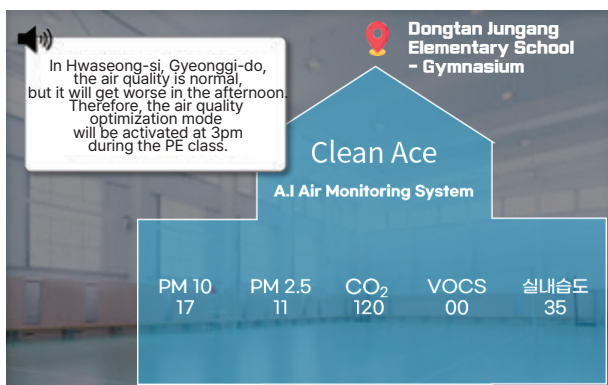


AI-based Operations & Automatic Voice Recognition System

Hey Clean! According to the weather forecast, yellow dust will blow this afternoon. Set the AC for the PE class!



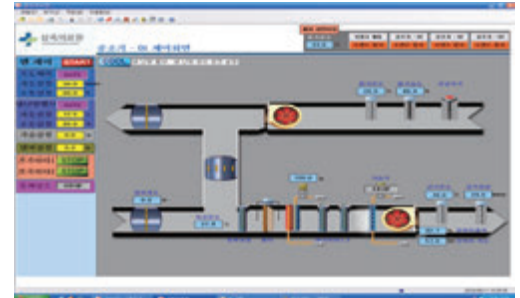
All-In-One AI Air Conditioning Solution



It is possible to provide extra services such as "Indoor Air Portal", "Air Quality Map" and "Air Quality Sound Assistant" for additional values. !

Device Performance

24-hour real-time performance of the units and AI-based automatic control system with sound recognition and big data perform optimally according to the pollutant level.



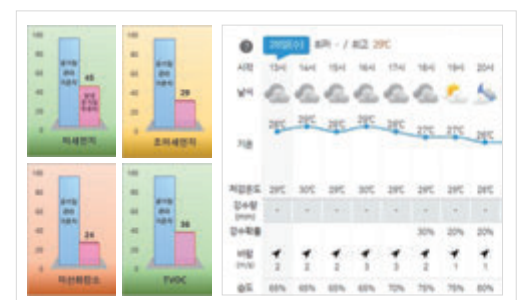
Indoor Air Quality

Real-time air quality and weather information such as temperature, humidity, fine dust (PM10), PM2.5, CO2 and TVOC, presented in graphics to illustrate various weather conditions and provides air quality index with 4 categories (good, moderate, bad, very bad) on scale of 1 to 100.



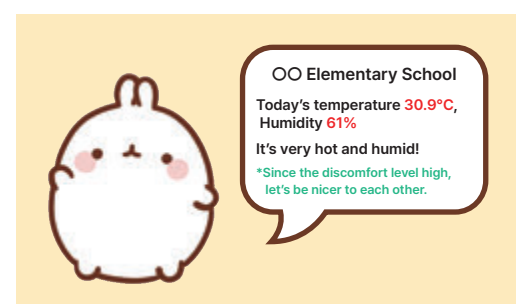
Weather / Date / Chart

Provides weather data from the nearest weather station and real-time indoor air quality data collected by the unit, providing the air quality management and standard comparison chart.



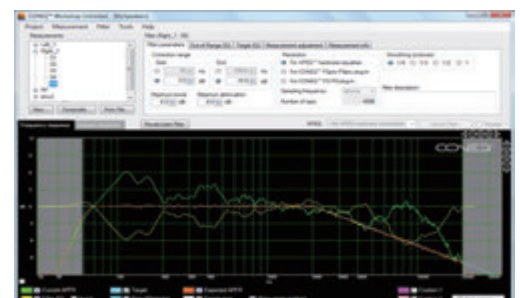
Animation / Voice prompts

Provides real-time weather and air quality information for your area, as well as useful tips with animations and voice prompts.



Air Quality Management TREND

Sends indoor air quality data collected by each unit to the cloud to measure and analyze air quality over a period of time as needed to optimize the system performance.



Window Installation Type Air Purifier(Classrooms)

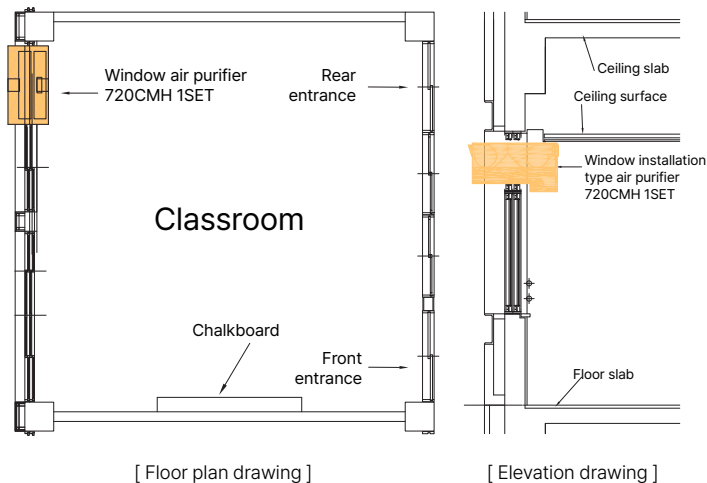
- Air purifier designed to fit into windows without taking up floor space!

Advantages of Window Installation Type Air Purifier

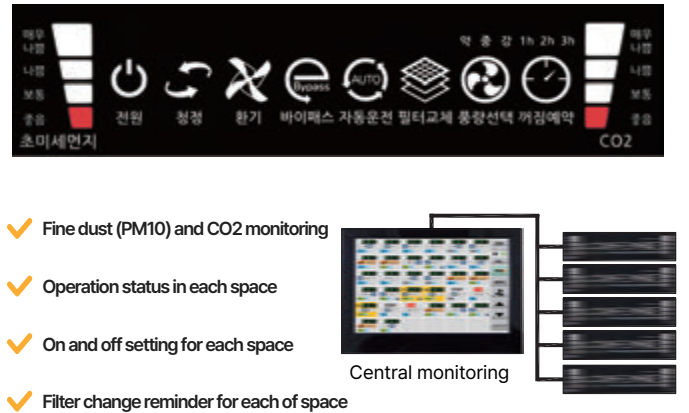
1. Ultimate air conditioning system for effective ventilating, air-purifying, and sanitizing
2. Window installation type which takes up no floor space
3. Low noise below 50dB
4. Optimized ventilation and purification based on real-time air pollution data
(Fine dust (PM10), CO2, TVOC, etc)



Window Air Purifier Shop Drawing



Window Air Purifier Control Monitoring



Window Installation Type Air Purifier Specifications

Product serial number
40101602-24603564

Product serial number
40101602-24603565

Product serial number
40101602-24603566

Model name	SPEC		MVC-06H	MVC-12V	MVC-12H
Dimension (mm)		W	700	700	1,500
		H	400	800	400
		D	580	580	580
Air velocity		CMH	360	720	720
Supply fan	Form		SIROCCO	SIROCCO	SIROCCO
	Motor		BLDC	BLDC	BLDC
	Power supply		220V * 1ph * 60Hz * 2-wire		
	Input	Kw	0.08	0.15	0.15
Exhaust fan	Form		SIROCCO	SIROCCO	SIROCCO
	Motor		BLDC	BLDC	BLDC
	Power supply		220V * 1ph * 60Hz * 2-wire		
	Input	Kw	0.06	0.12	0.12
Filter	Outdoor air		Pre + Medium (MERV 12~17)		
	Purification		CNT + POM(or CNA)		
Heat exchanger	Form	Plate type	Efficiency (cooling 50% or higher / heating 70% or higher)		
	Air velocity	CMM	5~7	10~14	10~14

Large Capacity Air Purifier (Multi-purpose Halls, Gymnasiums)

- Slim type air purifier for large spaces such as multi-purpose halls and gymnasiums

Miraclean V, the air purifier designed to improve air quality in large spaces

1. Air purification and disinfection at the same time
2. High performance with the capacity of 3,600CMH/unit
3. Complete ventilation and air purification in large space with only 2 units
4. Reduction in installation space and costs for maintenance and operation by half
5. Suitable for gymnasiums and it does not need any protection fence
6. Suitable for large space ventilation with airflow that reaches up to 25 meters



Product serial number : 24554824

- Comparison Chart of Air Quality Improvement in Multi-Purpose Halls

Classification	Ventilator installation	Large capacity air purifier installation
Number of units	8 units	2 units
Ventilator capacity	8,000 M3/hr (1,000* 8)	7,200 M3/hr (3,600 * 2)
Air purifier capacity	N/A	0 ~ 7,200 M3/hr
Vent holes	16 holes	8 holes
Size of vent holes	ø250	ø300
Floor space required for installation	0.8M * 0.8M * 8 spaces	1.5M * 0.8M * 2 spaces
Control method	Separate turn-on/turn-off mode by each unit	Integrated Control System (3 units or more)
VAT inclusive system costs	40 million won	40 million won
Repair and maintenance costs	3.2 - 4 million won per year	2.4 - 4 million won per year
Summary of system features	1. It has been hard to install more than one device, which takes up a large space and makes noise. Maintaining the system can be difficult. 2. The small ventilator exposed to students can cause device failure or injury on them.	1. Only two large capacity units do not take up valuable floor space, reducing maintenance costs. The system can be easily controlled by the integrated control system. 2. The air quality in large spaces like gymnasium can be improved greatly by using the system that contains the functions of ventilation, air purification and air disinfection. 3. The system sets the effective capacity of the operation, which cuts energy consumption by two-third.

- Large Capacity Standing Type Air Purifier Specifications

Classification	By its specification	Model(MVC-60H)	Model(MVC-50H)
Dimension(W*H*D)	mm	1,500*2,030*780	1380*2,030*780
Air velocity	CMH	3,600	3,150
Air supply fan	Form	SIROCCO	SIROCCO
	Motor	BLDC	BLDC
	Power supply	Single phrase 220V 60Hz	Single phrase 220V 60Hz
Exhaust fan	Input(W)	190*2	160*2
	Form	SIROCCO	SIROCCO
	Motor	BLDC	BLDC
Duct connector(mm)	Power supply	Single phrase 220V 60Hz	Single phrase 220V 60Hz
	Input(W)	190*2	160*2
	Outdoor air	ø 300*2	ø 300*2
Filter	Air exhaust	ø 300*2	ø 300*2
	Outdoor air	AFI 85% + NBS 65%	AFI 85% + NBS 65%
	Purification	CNT PRE + POM(H14)	CNT PRE + POM(H14)
Heat exchanger	Form	Plate type	Plate type
	Cooling efficiency (%)	50 or higher	50 or higher
	Heating efficiency (%)	70 or higher	70 or higher
Power type	Air volume (CHM)	3,600	3,150
	Power supply(V)	Single phrase 220V 60Hz	Single phrase 220V 60Hz
	Power consumption(W)	760	760

Window Installation Type Air Purifier (for cafeterias, kitchens)

- Delivers fresh air from outside and cleans the air (purification/disinfection) at the same time!

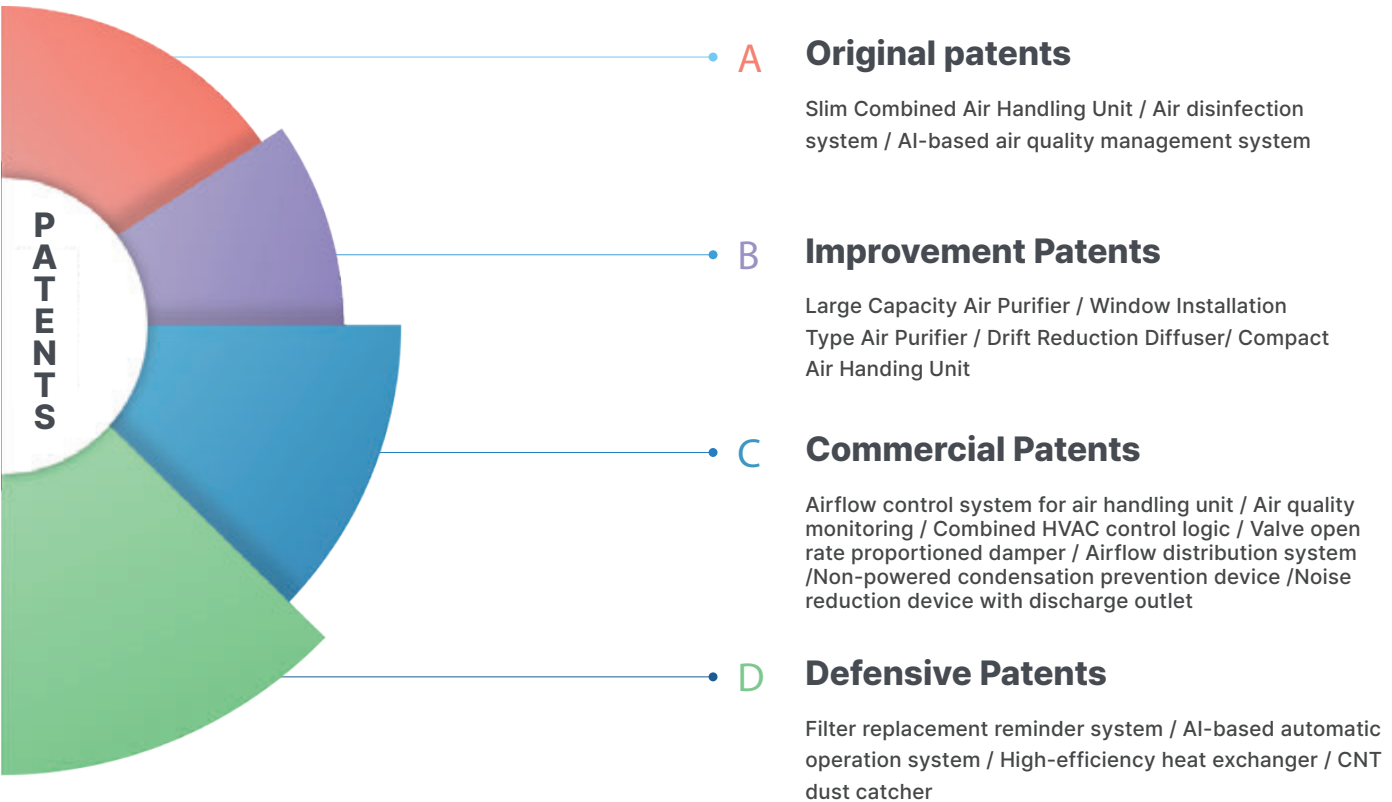
Air handling system that improves air quality in cafeterias and kitchens to create a comfortable atmosphere in schools by bringing in fresh outdoor air while purifying the indoor air (front or top duct can be installed and connected outside)

Model name	MVC - 52H	MVC - 30H
Dimension(W*H*D)	780×935×780	680×780×680
Air volume (CHM)	3,120	2,000
Input(W)	560	320
Ventilation fan	SIROCCO / BLDC	
Power supply	Single phrase 220V 60Hz	
Filter	CNT + POM(MERV 14)	



Patent portfolio

- Various patent portfolios such as original patents, improvement patents and commercial patents



Comparison with other products

Classification		Company A	Company B	CLEANACE
Functions	Cooling	△(Sub-cooling)	O	O
	Heating	O	O	O
	Humidification	X	X	O
	Ventilation	O	O	O
	Air disinfection	X	X	O
Form	Cassette type	O	X	O
	Duct type	X	O	O
	Compact type	X	X	O
Other	Product registration	X	X	O
	Main model	Small	Medium/Large	Small/Medium
	Main target market	Apartments	Factories/ Commercial Market	Schools/Public Market
	Manufacturing readiness level	Currently under development	Released in the market	Product registration

아시아경제 TV

In BUSINESS CLOSEUP

“A New Energy-efficient Air Handling Unit and AI-based Air Quality Control System” Cutting-edge technology for fresh indoor air



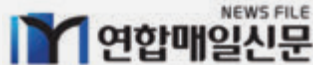
Tests measuring indoor air quality in classrooms completed ...
which proves a significant improvement in IAQ
A single unit can improve indoor air quality and reduce air pollution by 80%



“A Multifunctional Combined Air Handling Unit”

Clean Ace Co., Ltd., a Korean company specializing in air handling technology, has succeeded in developing a new energy-efficient compact air handling unit and AI-based air quality control system. Kim Sook-young, CEO of the company, announced the launch of its new combined air handling unit that can be used for cooling, heating, humidifying, cleaning and even disinfecting, after conducting a successful pilot project in schools to improve indoor air quality with a single unit. The combined air handling unit can be used immediately in various places where pollutants need to be removed, such as schools, medical facilities, and offices of public organizations.

‘Miracle S’, a ceiling cassette package air handler, is a great solution for bringing fresh air into rooms. A single unit can significantly improve indoor air quality without taking up much floor space. In addition, its real-time air quality monitoring system, which measures and manages indoor air quality 24 hours a day, is considered a cutting-edge technology that can bring about a sensation in the Korean air conditioning market.



“The Ultimate AC for Effective Cooling, Heating, Humidifying, Ventilating and Sanitizing”

As we live in a world of viruses, various devices are being used to improve indoor air quality. However, most existing air handling systems consist of multiple units such as coolers, heaters, air purifiers, heat recovery ventilators, and humidifiers, which takes up a lot of space and increases maintenance costs. There are other drawbacks to the traditional system. One is inefficiency. Due to the use of multiple devices, the existing systems are not a good solution to control the direction of airflow and indoor air quality. This is the main reason why Clean Ace has developed a new air handling system that works more efficiently with only one unit, which has attracted considerable attention.

In particular, Clean Ace has focused on developing indoor air quality improvement technologies for the worst school areas to manage air quality, which are cafeterias and gymnasiums, and more than 50 schools are already using their product to create a healthier and more comfortable learning environment. It is expected that the product can be used not only in schools, but also in public facilities.

"The new combined air handling unit will definitely change the trends in air health," said a company official. "Clean Ace has succeeded in developing the world's first combined air handling unit, on the basis of which the whole team is working tirelessly to expand the cake and share it with our ecosystem partners by developing cutting-edge technologies and leading innovations in the domestic and international air quality improvement market."

Certifications

- 10 patents registered for air handling and air purifying
- ISO9001/14001/45001 Certificates
- Korea Certification Mark Approval for 60 air handling unit models
- Korea Certification Mark approval for 8 ventilation system models
- Incheon Excellent Product Certificate 2021
- R&D Center of the Corporate Certificate
- KOLAS-ACCREDITED Product Certificate
- Women Owned Businesses Certificate
- Venture Enterprise Certificate
- Direct Production Certificate (air handling system/air ventilation system)
- License of Facilities & Mechanical Works (mechanical permit)
- Small-Medium Enterprise Certificate
- Material, Parts & Equipment Specialized Enterprise Certificate
- Achievement-Sharing Enterprise Certificate



Client List

· **Combined Air Handling Unit** : Wooshin Middle School 8 units / Sunnam High School 16 units / Youngsang High School 6 units / Dongsin Middle School 4 units / Kyungbok Girls' High School 10 units / Kyungbok Business High School 16 units / Godeok Middle School 8 units / Miral School 6 units / Haesung Convention High School 8 units / Eunpyeong Meditech High School 10 units / Surabol High School 17 units / Seoul Dongbu Womanup 36 units / Jeonju Girls' High School 10 units / Jeonju Hanil High School 4 units

· **Window Installation Type Air Purifier** : Seoul Dongshin Middle School 10 units / Seoul Convention High School 10 units / Shinkwang Girls' High School 22 units / Raon Middle School 10 units / Wooshin High School 6 units / Jeongmin School 4 units / Sunnam Middle School 7 units / Yujung Elementary School 4 units / Shinkwang Elementary School 30 units

· **Large Capacity Air Purifier** : Incheon Guwolseo Elementary School 2 units / Seonwon Elementary School 2 units / Incheon Yonghyeon Elementary School 2 units / Incheon Yeonsoo Elementary School 2 units / Manwol Elementary School 2 units / Yongjeong Elementary School 2 units / Choeun Middle School 2 units / Gwangyang High School 1 unit / Jeongmin School 2 units / Dongshin Middle School 4 units / Yeonglim Middle School 2 units / Seoul Soosong Elementary School 2 units / Seoul Cheonggu Elementary School 1 unit / Ewha Media High School 2 units / Seoul Jamshin Elementary School 1 unit / Sanggye High School 1 units / Manseong Middle School 2 units / Hanseong High School 2 units / Sinchang Middle School 2 units / Ahyeon Middle School 1 unit / Seoul Convention High School 3 units / Paihwa Girls' High School 3 units / Godeok Middle School 2 units / Yeongpa Girls' High School 3 units / Seoul Munhyeon Elementary School 2 units / Seoul Dongseong High School 2 units / Seoul Dongseong Middle School 3 units / Seongdong High School 2 units / Nokcheon Middle School 2 units / Gaewon Middle School 2 units / Sunrin Internet High School 2 units / Seoul Yujung Elementary School 1 unit / Daewon High School 2 units / Banghwa Middle School 1 unit / Seoul Guryong Middle School 2 units / Wooshin High School 2 units

· **Air Quality Monitoring System** : Sanggye High School 1 system / Godeok Middle School 1 system / Gaewon Middle School 1 system / Sunrin Internet High School 1 system / Ichung High School 1 system / Solteo High School 1 system / Sunnam Girls' High School 1 system / Bokjeong Elementary School 1 system / Songtan High School 1 system / Osanwonil Middle School 1 system / Shinkwang Elementary School 1 system

We are helping to build a clean world, where our children are free to explore outdoors.

INNOBIZ
Innovation Business Association

MAIN Biz
Management Innovation Business

ECO HOUSE
2024 건강주택대상



Places that need our Combined Air Handling Unit!

- ▶ Educational institutions
(kindergartens, elementary & high schools, universities, private academies)
- ▶ Medical facilities (hospitals, nursing homes)
- ▶ Concert halls, gymnasiums, training institutes
- ▶ Welfare facilities, public facilities, military dorms, financial facilities
- ▶ Apartments, multiuse facilities, underground shopping centers

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