

MIA Certification - About Product



CERTIFICATION

About Us & MIA Story	04
Ventilation System Concept	06
Principle of Energy Recovery Ventilation	07
Selection Guide	08

VENTILATION SYSTEM

Central ERV (Residential Model)	09-13
Vertical ERV	14-15
Central ERV (Commercial Model)	16-22
Floor-standing AHU (Antiflaming PU Double-layer Board)	23-25
Central ERV & Dehumidifier (2 in 1 Unit)	26-28
Central Fresh Air Dehumidifier	29-31
Central Dehumidifier	32-34
Wall-mounted Ventilation & Window Ventilation	35-40
Floor-standing ERV	41-43
Double Flow Ventilation	44-52
Silent Air Supply Fan	53-54
Purified Silent Air Supply Fan	55-58

01

04

06

07

08

09

09-13

14-15

16-22

23-25

26-28

29-31

32-34

35-40

41-43

44-52

53-54

55-58

MIA Contents

Purified Air Supply Fan with Inner Loop 59-60

Multi-port Ventilators 61-62

Cabinet Centrifugal Fan 63-65

Mixed Flow Inline Duct Fan 66-68

Mini Silent Duct Fan 69-70

Circular Pipe Fan 71

Ceiling Exhaust Fan 72-73

PTC Electric Heating Box 74

Air Purification Box 75

Air Purifier 76-78

Rotary Heat Recovery AHU 79-80

MIA CONTROLLER

81

ACCESSORIES

82

About Us

Founded in 1983, MIA company is a large-scale production capability factory, focusing on environmental ventilation equipments' R&D and production. As early as the 1980s, the MIA Company located in the Minamikoshigaya of Saitama, had become the major supplier of building ventilation systems locally. In the late 1990s, MIA products had been sold worldwide with powerful research and development backgrounds. By virtue of its first-class scientific and technological strength and strong production capacity, MIA company has become a leader in the increasingly fierce competition in the field of ventilation. At that time, MIA became one of the main brands of household names in the healthy home industry.

At the beginning of this century, MIA has become the designated brand of ventilation equipment of several leading real estate enterprises in Japan. In today's Japan and European & American markets, MIA has become a synonym for high-end healthy home, according to incomplete statistics, one of every three Japanese residents is using MIA fresh air system; MIA has been quietly dedicated to human health, has become the world's most popular brand among several famous brands.

In order to achieve the strategic goal of globalization and consolidate the international famous brand position of MIA, MIA Company has established sales centers and business representative offices in more than 70 countries around the world. MIA Chinese company was established in Suzhou in recent years and operates with independent financial accounting. Suzhou MIA Intelligent Technology Co., Ltd. is located in the "most economically dynamic" Changsanjiao Shanghai-Hangzhou economic circle of science and technology: Suzhou City; Based on the China-Singapore Suzhou Industrial Park, a concentrated area of the World's top 500; In order to optimize the quality of people's life, improve the urban living environment, protect the ecological balance of the earth, continuous research and development, the introduction of a series of energy-saving, environmental protection, health of high-tech products; create warm and comfortable quality life for all customers.

MIA Story

Breathing is the first instinctive action of human beings, and the most natural thing we did everyday. It is estimated that an adult takes more than 17,000 breaths a day! So clean and fresh air is vital to our health and living environment.

On a cold November day more than 30 years ago in Saitama, then industrial town in Japan, our founder Ishibashi Mitsu realized there was a growing problem lurking in people's home - poor indoor air.

He invented a simple ventilation device to solve the problem of bad inroom ventilation, with using mechanical ventilation to bring fresh & filtered air into the room. Our passion for supplying high quality indoor air is the same as it was many years ago until now. Our business has grown and is now one of the large-scale enterprises in the field of ventilation equipment in the world.

We have professional enthusiastic planners to improve your indoor air quality, our enthusiastic and employed professional installation team will ensure that the professional ventilation solutions are implemented to meet your home's fresh air needs.

Our philosophy is to manufacture sustainable products, to realize energy-saving and environmentally friendly. We are committed to improving the air environment all over the world, creating and sustaining employment globally. Our products are 100% fully tested before leaving the factory. We committed to creating high-quality products with maximum value for customers.

South America

AQI Science Populanzation



May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

Air Ventilation System Concept

Energy and Environment

Air conditioning is a necessary household appliance for each household to avoid heat and cold, but the congenital defects of air conditioning have been troubling the users. Indoor air conditioning environment has serious air pollution, which is the root cause of the outbreak and spread of air conditioning diseases, respiratory diseases and SARS virus. Experiments show that, when air conditioning is working, indoor air bacteria content is 3-4 times of the room air conditioning not working. Indoor air pollution has become the biggest factor endangering human health environment. Air oxygen content is low in the air conditioning environment, and insufficient fresh air volume has not been completely solved. Cold & heat in the air conditioning exhaust can not be effectively recovered, which causes shocking energy waste phenomenon.

New Concept of Fresh Air Health

The heat insulation and high air tightness of the air conditioning environment determine that the natural ventilation of the air conditioning room with windows must be fully replaced by mechanical ventilation. According to the needs of users, fresh air ventilator can carry out whole air replacement of the air conditioning environment, to make the original closed house becoming a breathing house. All kinds of pollutants in the house, such as smoke, dust, ozone and other odors, can be removed with the regular air exhaust & supply, so that the indoor air will be clean and comfortable with sufficient oxygen. Fresh air ventilator has literally become the "heart & lung" of modern residential, is a new type of fresh air health and environmental protection products.

High Efficiency Energy Saving

The application of high-tech nano film technology, ultra-thin composite material technology, antistatic and maintenance-free technology and noise reduction technology makes the fresh air ventilator break through the traditional technical bottleneck of low heat recovery efficiency and high air leakage rate. The heat recovery efficiency reaches more than 90%, and the energy recovery efficiency of exhaust wind is greatly improved, so that users can enjoy more economical and affordable fresh air. The use of fresh air ventilator can improve the use efficiency of air conditioning system and increase the amount of fresh air supplement without increasing energy consumption in the annual ventilation process, improve indoor air quality and reduce energy consumption to a minimum. It can not only reduce the capacity of air conditioning host and the total one-time investment of equipment, but also reduce the overall operating cost of the system.

Product Warranty Policy

All customers in China who buy MIA fresh air system products are free to choose the 10-year quality assurance value-added after-sales service provided by MIA company. During the 10-year quality assurance period after the purchase of the devices, our company promises to respond promptly and positively in case of any non-man-made fault problems. For the problem that cannot be solved quickly, free replacement of related products of the same model. We have solved ventilation problems in homes of hundreds of thousands of people around the world. MIA company works closely with real estate developers and housing contractors in many countries around the world, and aims to create clean indoor air environment for people all over the world.



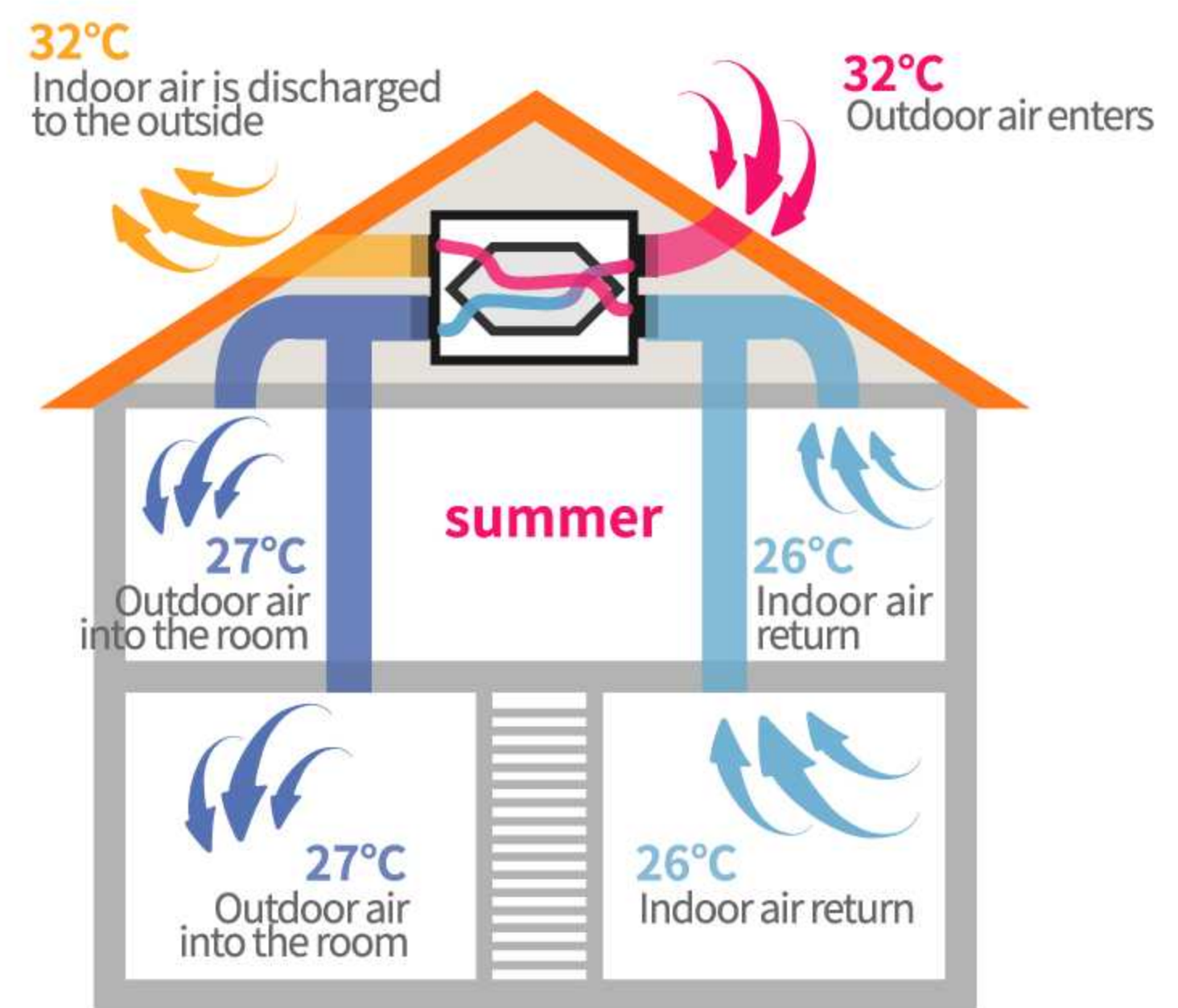
Air-Conditioner Partner

People spend more than 85% of their life indoors, so the air quality of air conditioning environment is closely related to human health. Human health = air + water + nutrition + appropriate exercise, the four are indispensable, fresh air ventilator not only solves the problem of insufficient fresh air volume, but also recovers the energy in exhaust air, in line with the concept of health and energy saving, is an indispensable companion product of air conditioner. Through professional training, our installation team has a high customer service ability. Not only an in-depth understanding of our products, but also to ensure the quality of ventilation works to meet the unique needs of your family. After company's standardized training, the installation team are equipped with the professional technology, can provide you with the highest level and the best quality of installation services.

Principle of Energy Recovery Ventilation

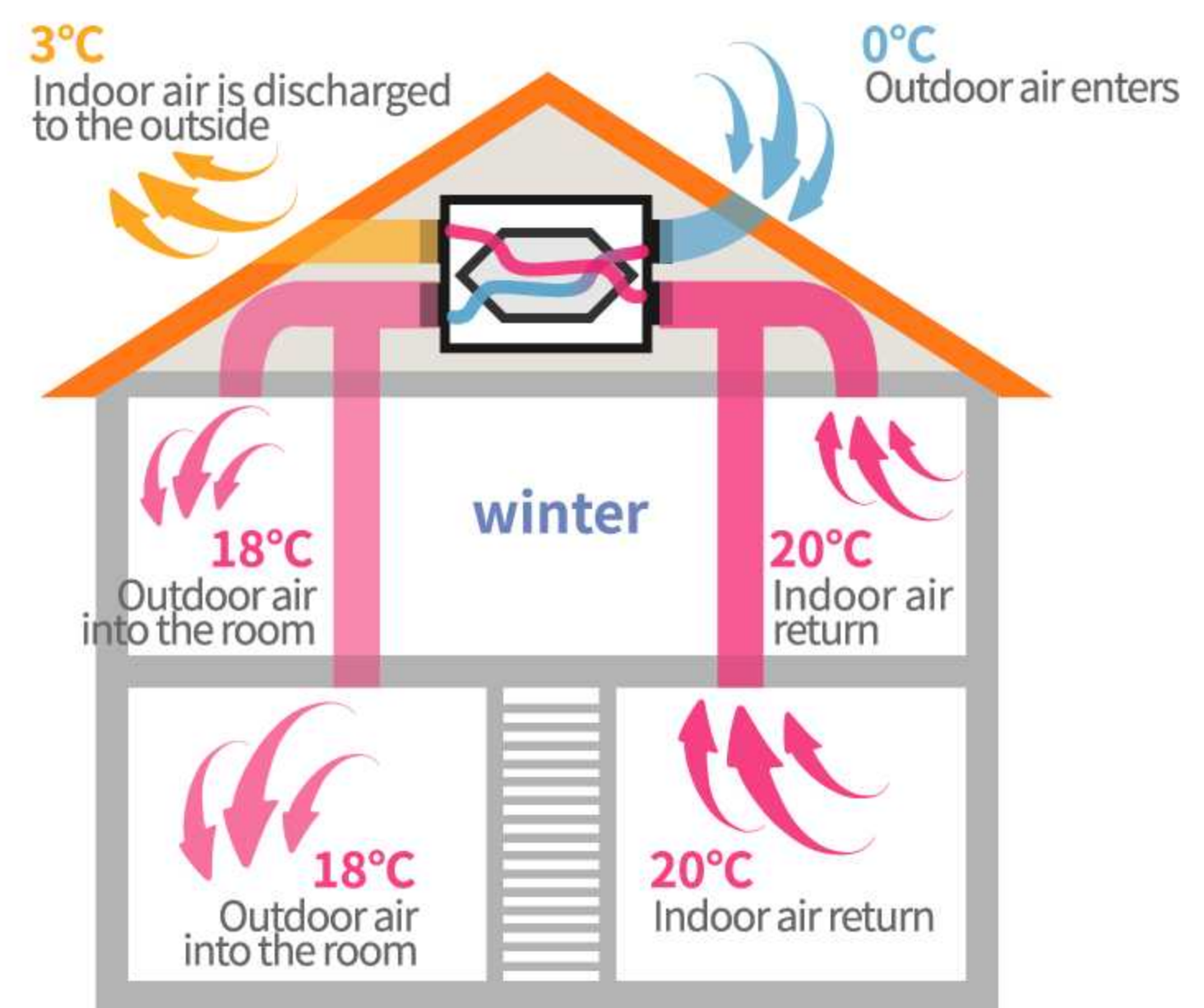
Schematic Diagram of Working Conditions in Summer: Indoor Cooling

For example: in summer, the room is cooled, when indoor 26°C air passes through the heat exchange core, the cold energy will be recovered by the heat exchange core and discharged to the outside. When outdoor 33°C air passes through the heat exchange core for cooling exchange, the temperature is about 27°C when it is sent into the room, so as to maintain the indoor temperature unchanged while ventilating, to realize energy-saving.



Schematic Diagram of Working Conditions in Winter: Indoor Heating

For example: in winter, the room is heated, when indoor 20°C air passes through the heat exchange core, the heat energy will be recovered by the heat exchange core and discharged to the outside. When outdoor 0°C air passes through the heat exchange core for heating exchange, the temperature is about 18°C when it is sent into the room, so as to maintain the indoor temperature unchanged while ventilating, to realize energy-saving.

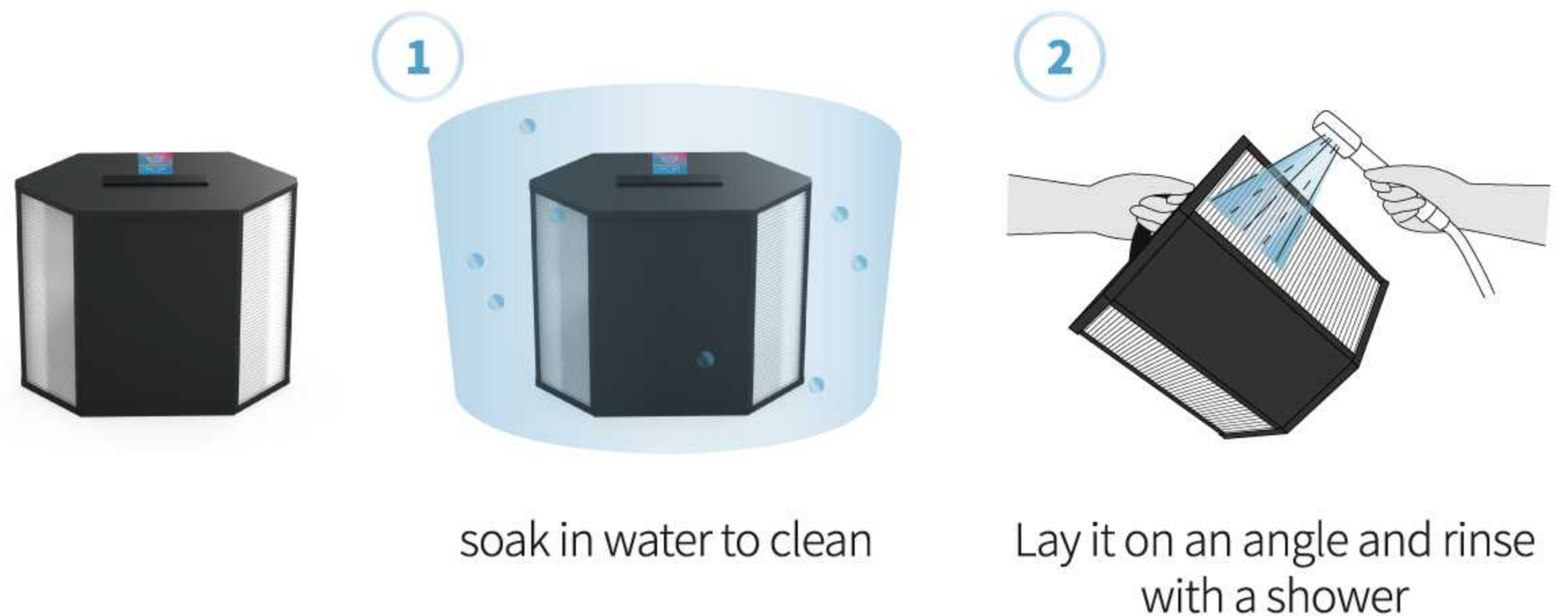


$$\text{heat exchange ratio \%} = \frac{\text{enthalpy value of fresh air} - \text{enthalpy value of air supply}}{\text{Enthalpy value of fresh air} - \text{Enthalpy value of indoor air return}} \times 100\%$$

l_{OA} l_{SA} l_{OA} l_{SA}

MIA Heat Recovery Exchanger

The PSY high thermal conductivity of molecular material has high heat recovery efficiency. It can infiltrate water molecules at the same time of exchanging heat. MIA heat recovery exchanger can be soaked in water to clean, also can be layed on an angle and rinsed with a shower directly, to avoid bacteria and molds.



Selection Guide

Select the different installation forms of air ventilation according to the characteristic of the building structure. Confirm the appropriate air volume according to the house's use, area, and containing people. Select the ventilation's specification and amounts according to the confirmed fresh air volume.

The Formula Of Calculating The Room Volume: indoor air volume= length x width x height(below the air outlet)
 numbers of ventilator= room volume x required air changes rate ÷ Rated air volume per ventilator

For example: In a room, area: S=65(m²), height: h=3(m), member: n=25 (people)

Calculated by the fresh air volume everyone needs, [the air volume everyone need: q=30(m³/h)], so the total fresh air volume Q1=n×q=25×30=750(m³/h).

If calculated by the fresh air changes rate, [the fresh air change rate P=4], so the fresh air Q2=p×s×h=4×65×3=780(m³/h);

Due to Q2>Q1, so here we take Q2 for the reference;

Combine with the products type, here we suggest MIA-AHE80N ERV.

Needed fresh air volume of different types of building in air-conditioning environment.(Volume: m³/h/person)

RoomType	Volume	RoomType	Volume	RoomType	Volume	RoomType	Volume
General Villa	30	General Office	30	Gym	60~80	Hotel	30~50
Luxury Villa	50	Luxury Office	30~50	Tennis Room	40	Reception Room	30~50
Shopping Mall	12~25	Meeting Room	30~50	Chess Room	40~50	Restaurant	15~25
Ward	80	General Switchboard	30	Swimming Pool	50	Cafe	20~50
Classroom	11~30	Computer Room	30	Game Room	40~50	Multi-Function Hall	15~25
Exhibition Room	20~30	Photocopier Room	30	Video Hall	20	Business Center	10~20
Theaters	15~25	Laboratory	30	Massage Room	30	Lobby	10
Night Club	20	Dance Hall	30	Internet Bar	30	Beauty Salon	35

Room Type	No Smoking			Small Smoking			Large Smoking	
	Shopping Mall	Computer Room	Gym	Ward	Office	Restaurant	KTV/Bar/Hotel	Meeting room
Required Per Person	8.5~21	40~100	8~20	50~80	25~62	60~80	30~75	50~125
Room ACH	1.56	1.06~6.66	2.50~6.25	1.50~3.00	1.06~2.65	1.25~3.13	3.60~8.50	6.20~10.30

About the selection of ventilators' hoisting position, can according to the following aspects:

Whether the ceiling is strong enough; Whether the lifting space is large enough; Whether the pipeline installation is convenient; The tuyere is installed along with the beam to keep minimized wind resistance. The distance between the air supply outlet and discharge positions must be kept at more than 1.2 meters. Air detection switch should be installed in the position that can reflect the whole room's air quality.

Central ERV

Residential High Wind Pressure Model

Function: The outdoor air is pumped into the equipment for filtration, and then sent into the room after heat exchange. At the same time, the indoor air is pumped into the equipment for heat recovery and then discharged out of the room, so as to realize the purification and replacement of the whole room air while maintainin the indoor temperature and humidity.



high speed external motor: supply air more far



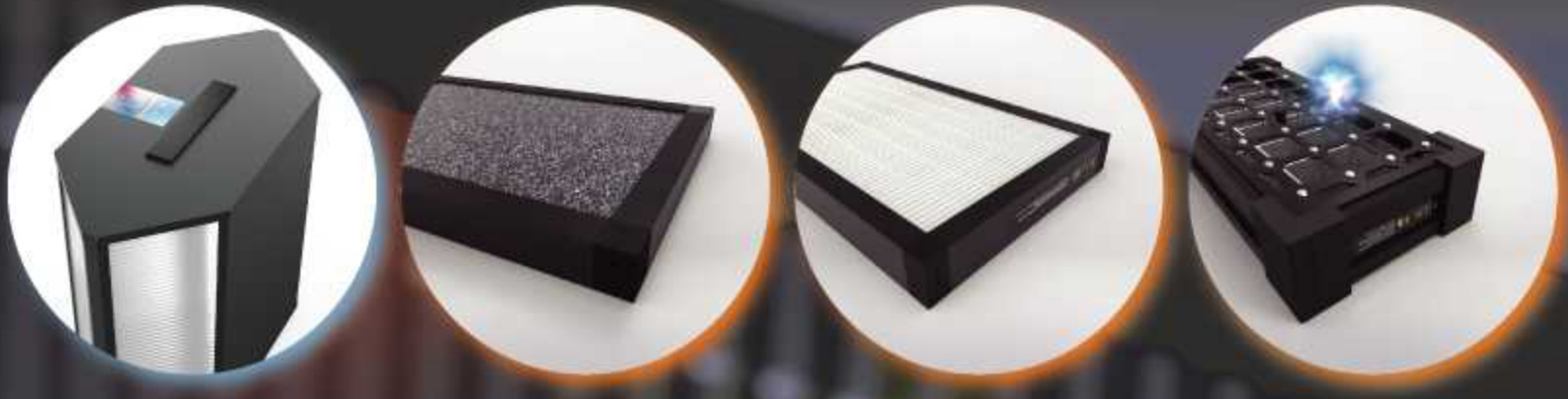


PSY high thermal conductivity molecular Exchanger: high efficiency, washable

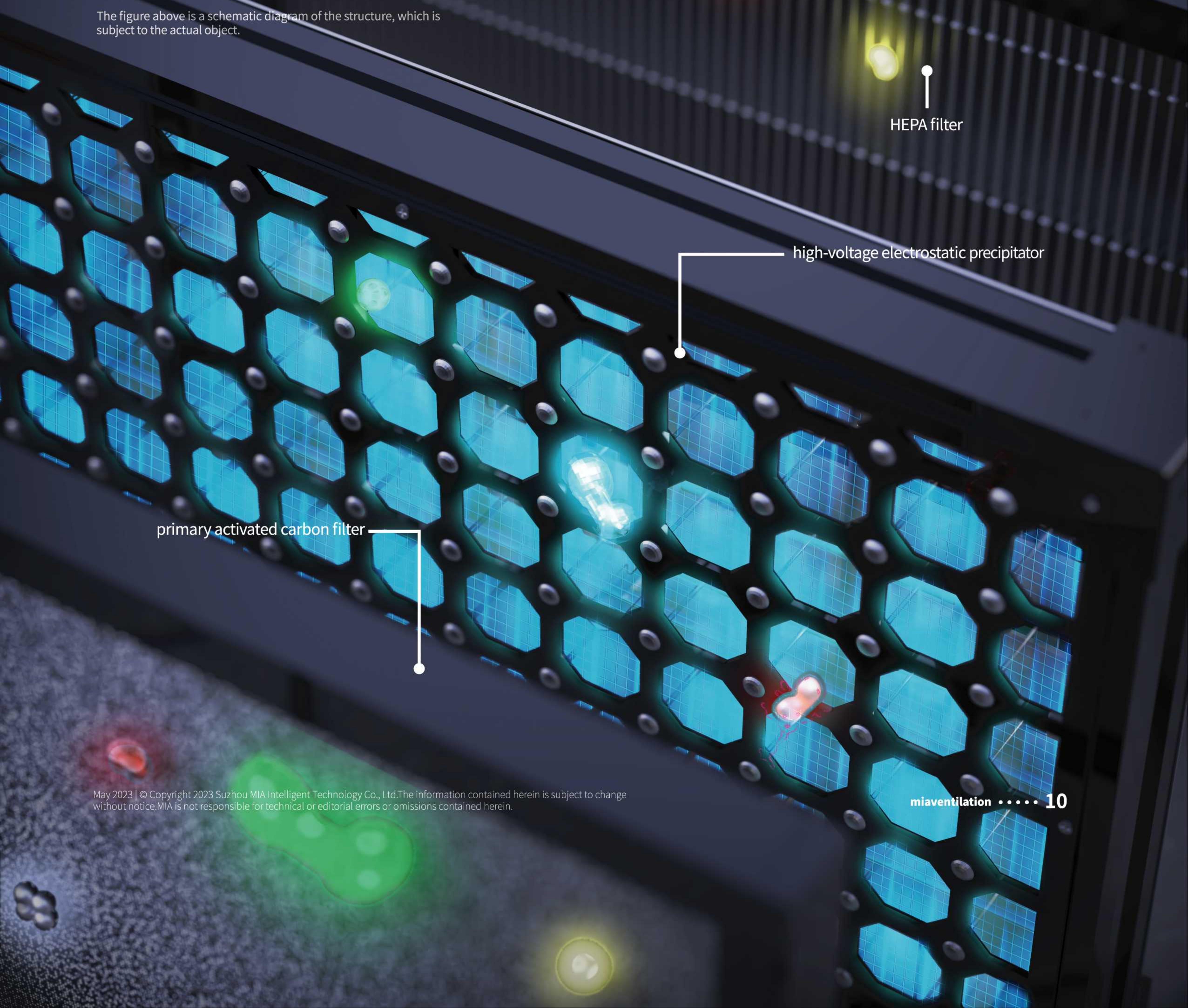


The figure above is a schematic diagram of the structure, which is subject to the actual object.

Model Configuration

name	model	filter
Energy Recovery Ventilation	MIA-AHE · NB(AC motor)	
	MIA-AHE · NB/C(DC motor)	
ERV with Multiple Filters pm2.5	MIA-AHE · GLB(AC motor)	
	MIA-AHE · GLB/C(DC motor)	
ERV with High-voltage Electrostatic Precipitator	MIA-AHE · JDB(AC motor)	
	MIA-AHE · JDB/C(DC motor)	

The figure above is a schematic diagram of the structure, which is subject to the actual object.





Energy Recovery Exchanger core

The Energy Recovery Core is made of PSY high thermal conductivity molecular material, developed by Japanese doctor team. It has high heat recovery efficiency and it can infiltrate water molecules in the process of heat exchange. The exchanger core is washable, which can avoid bacteria and molds production, also can reduce consumables.



High-voltage Electrostatic Precipitator

The high-voltage electrostatic precipitator adopts the pin-type electric field discharge method to replace the traditional tungsten wire high-voltage removal method. The thickness is only 4cm, suitable for various kinds of our models, PM2.5 removal rate is highly to 98%. Also it can effectively kill bacteria to prevent the infection. It can be washed or cleaned with brush, no need to be replaced, greatly save the cost.



High Efficiency Particulate Air (HEPA-H13) Filter

The thickness of this filter is only 3cm. The plastic frame has higher sealing than paper frame, and we use the environmental friendly imported sealant, no color & odor, to ensure healthy and avoid pollution. The raw material of this HEPA filter is from 3M, European standard H13 level. PM2.5 removal rate can be up to 99.97%, and the large dust holding capacity can save the total cost of consumables.



Primary Activated Carbon Filter

The plastic frame of this filter seals better than the paper frame, and it is only 2cm thick. The filter is made of composite fiber sprayed with activated carbon powder that can filter out dust particle efficiently. The wind resistance of this filter is very low. The method of spraying makes the activated carbon powder more evenly distributed, which can maximize the effect of activated carbon. This washable filter can be used repeatedly and the combination of primary filter with activated carbon can greatly save your cost of consumables.

Technical Parameters

Energy Recovery Ventilation (filter configuration: primary activated carbon filter)

	DC brushless model				AC motor model			
model	MIA-AHE15NB/C	MIA-AHE25NB/C	MIA-AHE35NB/C	MIA-AHE50NB/C	MIA-AHE15NB	MIA-AHE25NB	MIA-AHE35NB	MIA-AHE50NB
voltage	220V	220V	220V	220V	220V	220V	220V	220V
power	92W	166W	233W	288W	122W	178W	246W	453W
volume	150m ³ /h	250m ³ /h	350m ³ /h	500m ³ /h	150m ³ /h	250m ³ /h	350m ³ /h	500m ³ /h
pressure	290Pa	370Pa	392Pa	425Pa	290Pa	370Pa	392Pa	425Pa
efficiency	86%~92%	86%~89%	85%~88%	84%~87%	86%~92%	86%~89%	85%~88%	84%~87%
noise	30dB(A)	32dB(A)	35dB(A)	37dB(A)	30dB(A)	32dB(A)	35dB(A)	37dB(A)
a×b×h	800×556×187mm	866.5×641×229mm	880×686×260mm	1110×846×260mm	800×556×187mm	866.5×641×229mm	880×686×260mm	1110×846×260mm
flange	Φ120mm	Φ150mm	Φ150mm	Φ200mm	Φ120mm	Φ150mm	Φ150mm	Φ200mm
weight	19.5kg	26.5kg	31.5kg	45kg	19.5kg	26.5kg	31.5kg	45kg

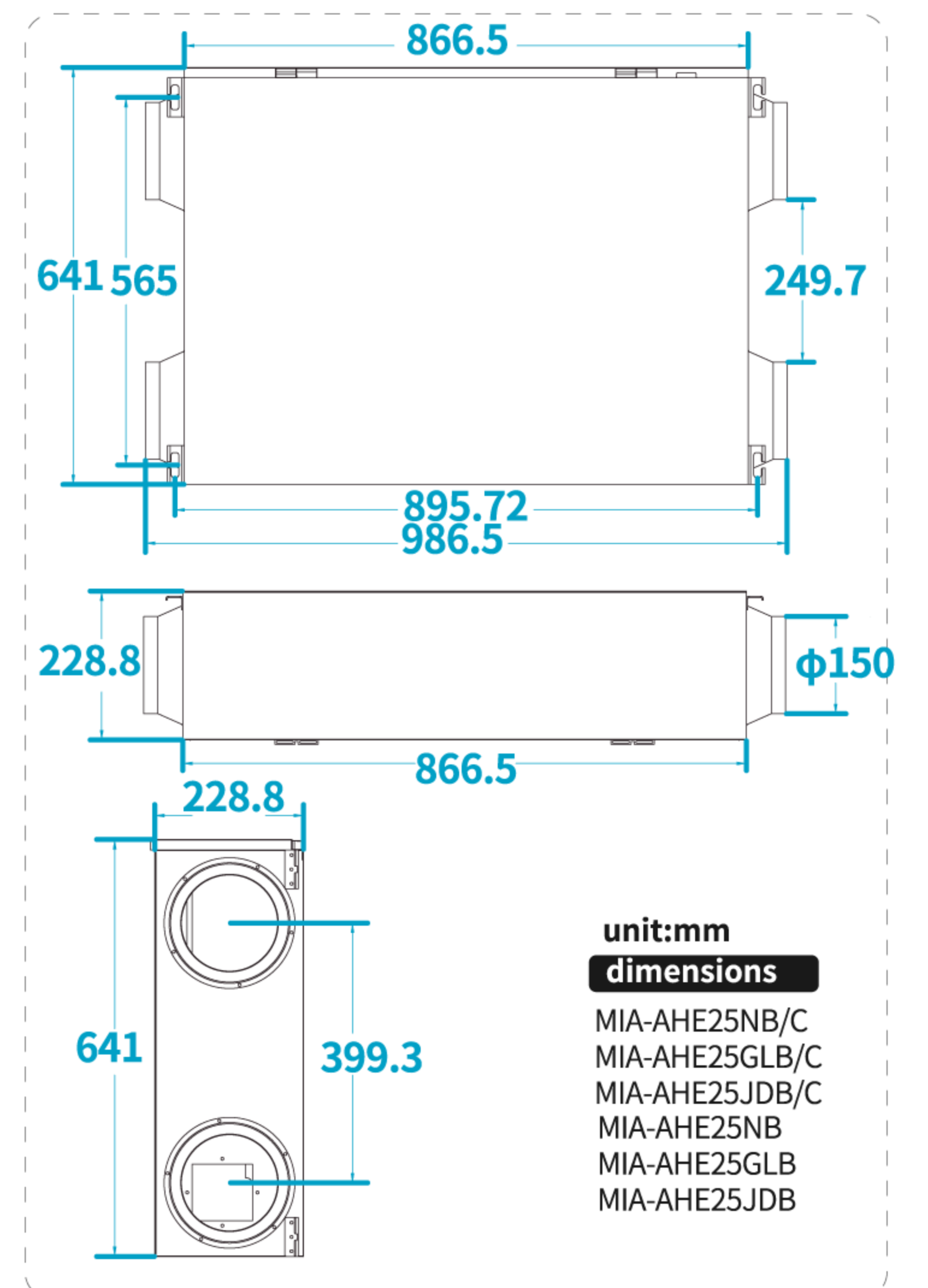
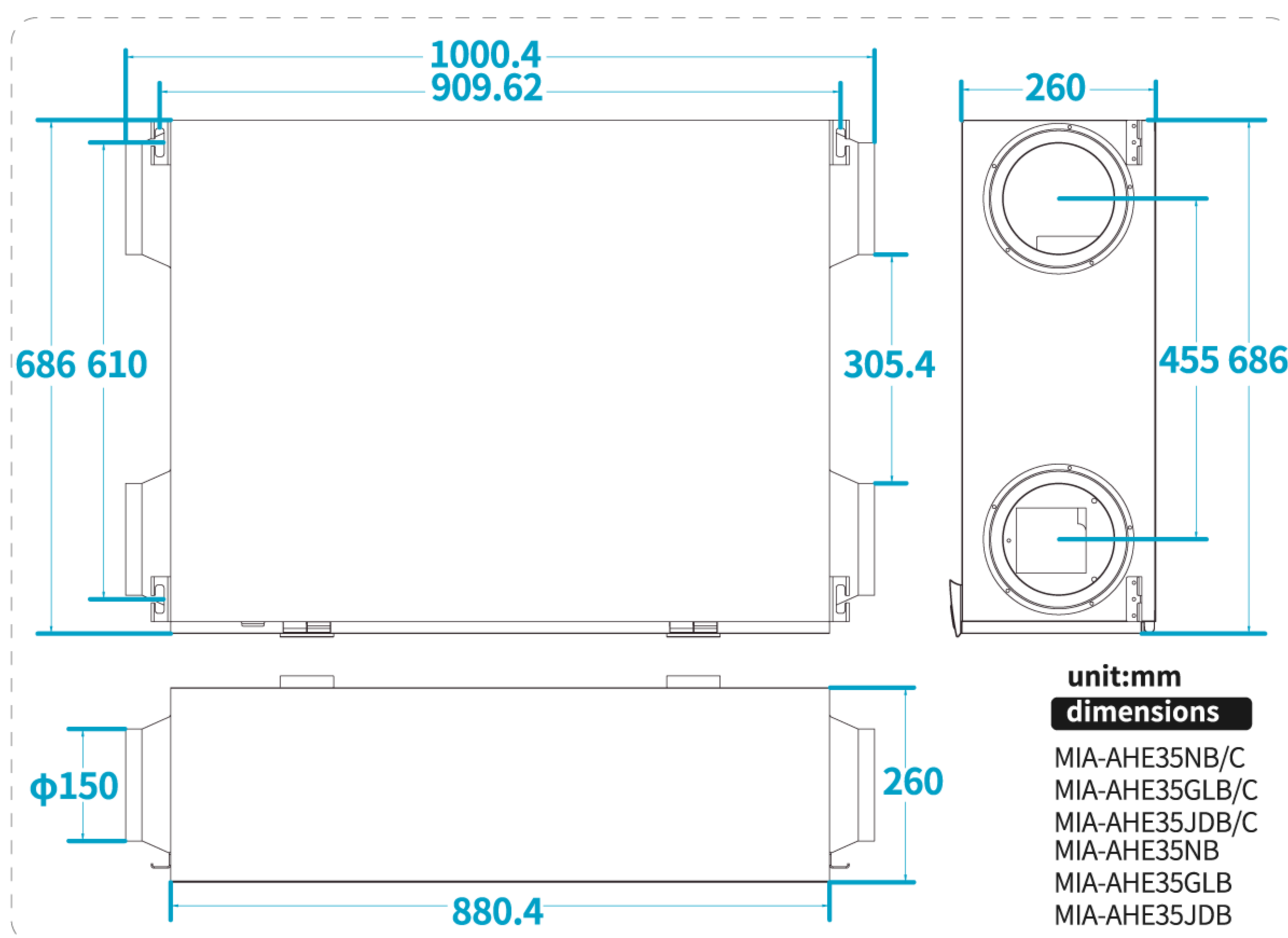
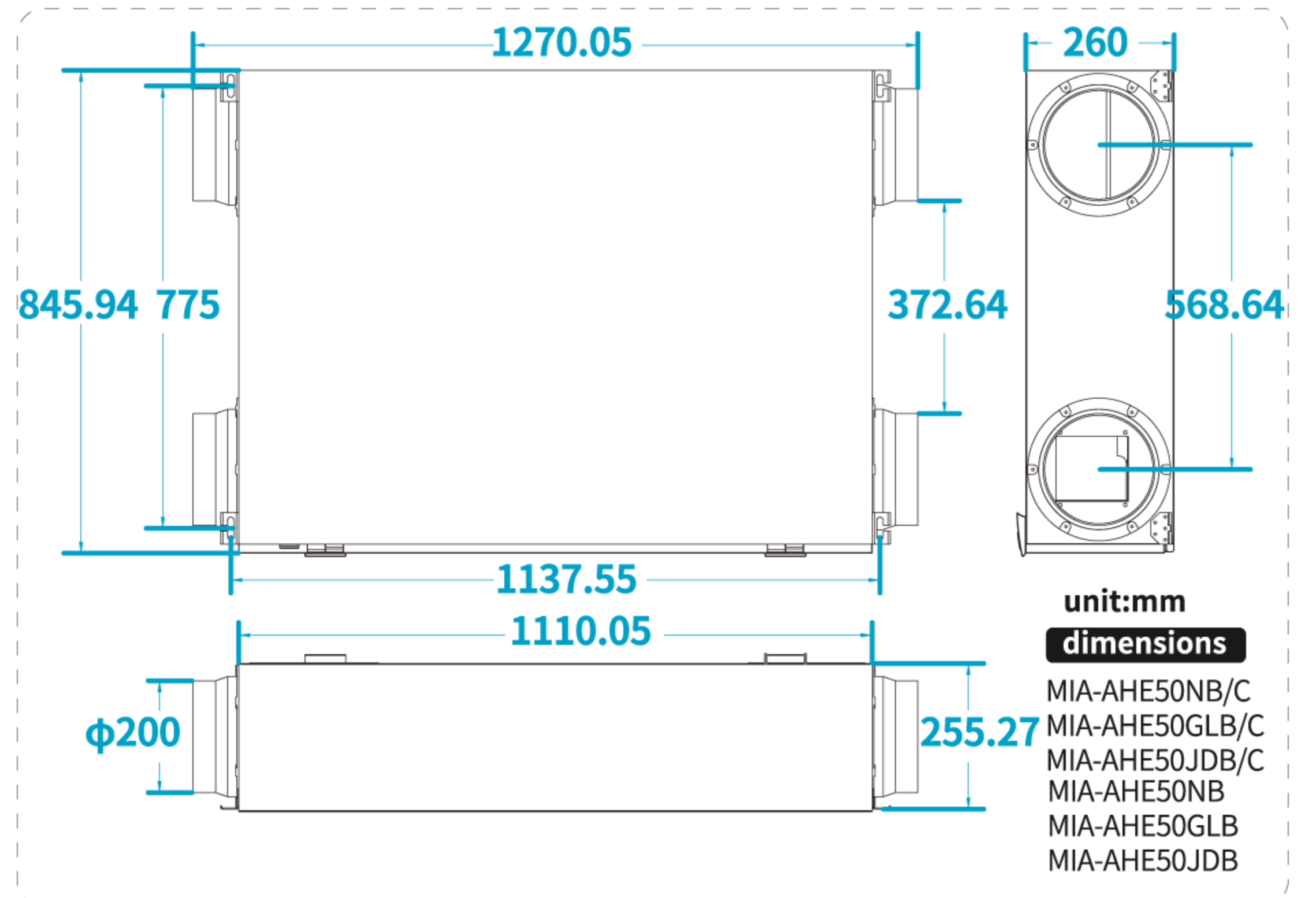
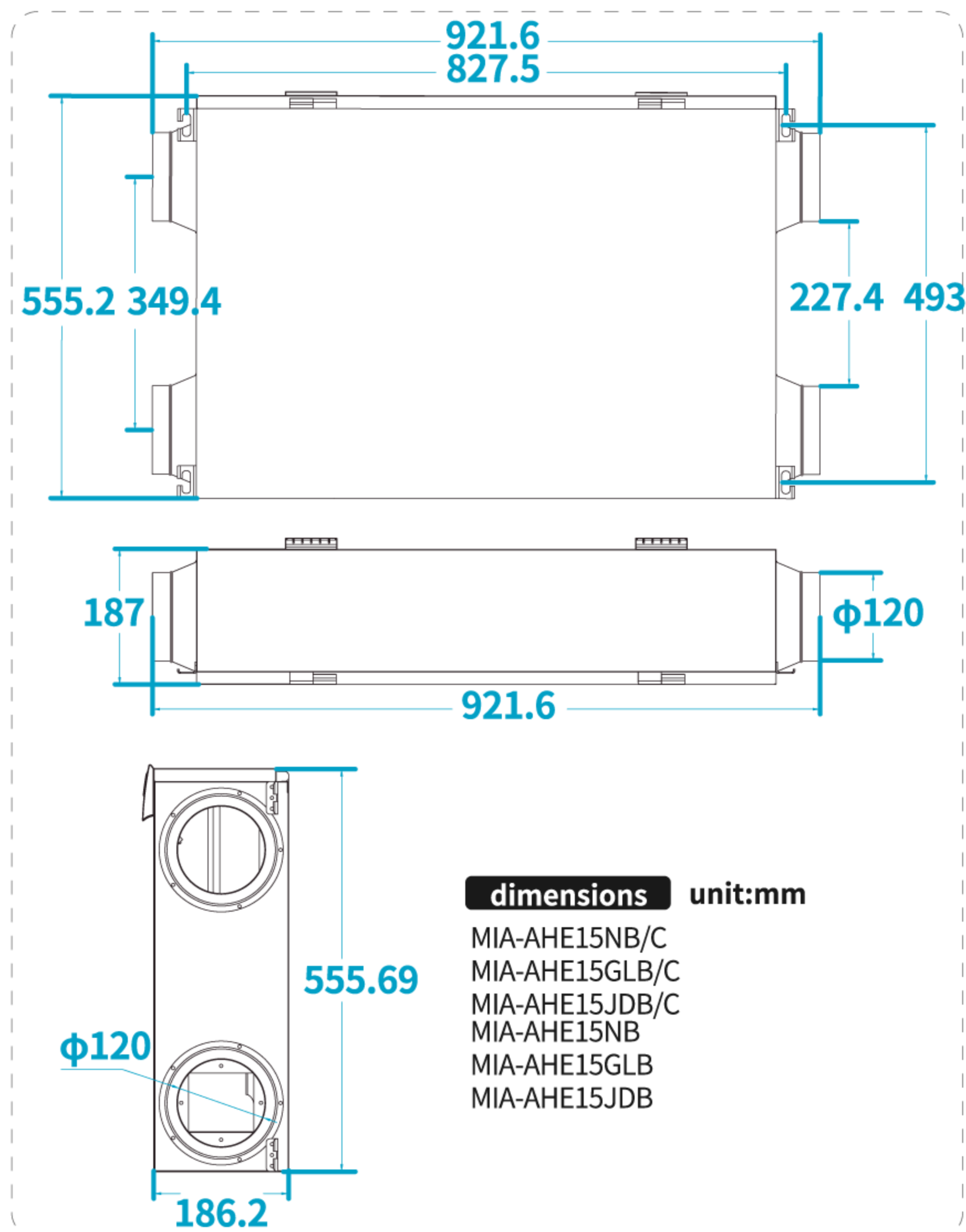
ERV with Multiple Filters (filter configuration: primary activated carbon filter+HEPA)

	DC brushless model				AC motor model			
model	MIA-AHE15GLB/C	MIA-AHE25GLB/C	MIA-AHE35GLB/C	MIA-AHE50GLB/C	MIA-AHE15GLB	MIA-AHE25GLB	MIA-AHE35GLB	MIA-AHE50GLB
voltage	220V	220V	220V	220V	220V	220V	220V	220V
power	98W	176W	241W	306W	130W	182W	265W	462W
volume	150m ³ /h	250m ³ /h	350m ³ /h	500m ³ /h	150m ³ /h	250m ³ /h	350m ³ /h	500m ³ /h
pressure	285Pa	360Pa	385Pa	420Pa	285Pa	360Pa	385Pa	420Pa
efficiency	86%~92%	86%~89%	85%~88%	84%~87%	86%~92%	86%~89%	85%~88%	84%~87%
noise	30dB(A)	32dB(A)	35dB(A)	37dB(A)	30dB(A)	32dB(A)	35dB(A)	37dB(A)
a×b×h	800×556×187mm	866.5×641×229mm	880×686×260mm	1110×846×260mm	800×556×187mm	866.5×641×229mm	880×686×260mm	1110×846×260mm
flange	Φ120mm	Φ150mm	Φ150mm	Φ200mm	Φ120mm	Φ150mm	Φ150mm	Φ200mm
weight	19.5kg	26.5kg	31.5kg	45kg	19.5kg	26.5kg	31.5kg	45kg

ERV with High-voltage Electrostatic Precipitator (filter configuration: primary activated carbon filter+HEPA+high-voltage electrostatic Precipitator)

	DC brushless model				AC motor model			
model	MIA-AHE15JDB/C	MIA-AHE25JDB/C	MIA-AHE35JDB/C	MIA-AHE50JDB/C	MIA-AHE15JDB	MIA-AHE25JDB	MIA-AHE35JDB	MIA-AHE50JDB
voltage	220V	220V	220V	220V	220V	220V	220V	220V
power	98W	176W	241W	306W	130W	182W	265W	462W
volume	150m ³ /h	250m ³ /h	350m ³ /h	500m ³ /h	150m ³ /h	250m ³ /h	350m ³ /h	500m ³ /h
pressure	285Pa	360Pa	385Pa	420Pa	285Pa	360Pa	385Pa	420Pa
efficiency	86%~92%	86%~89%	85%~88%	84%~87%	86%~92%	86%~89%	85%~88%	84%~87%
noise	30dB(A)	32dB(A)	35dB(A)	37dB(A)	30dB(A)	32dB(A)	35dB(A)	37dB(A)
a×b×h	800×556×187mm	866.5×641×229mm	880×686×260mm	1110×846×260mm	800×556×187mm	866.5×641×229mm	880×686×260mm	1110×846×260mm
flange	Φ120mm	Φ150mm	Φ150mm	Φ200mm	Φ120mm	Φ150mm	Φ150mm	Φ200mm
weight	19.5kg	26.5kg	31.5kg	45kg	19.5kg	26.5kg	31.5kg	45kg

Dimensions



Vertical ERV

High Wind Pressure Purification Vertical ERV



Optional
high-voltage
electrostatic
precipitator



high speed external
rotor motor



PSY energy recov-
ery exchanger



HEPA(H13)

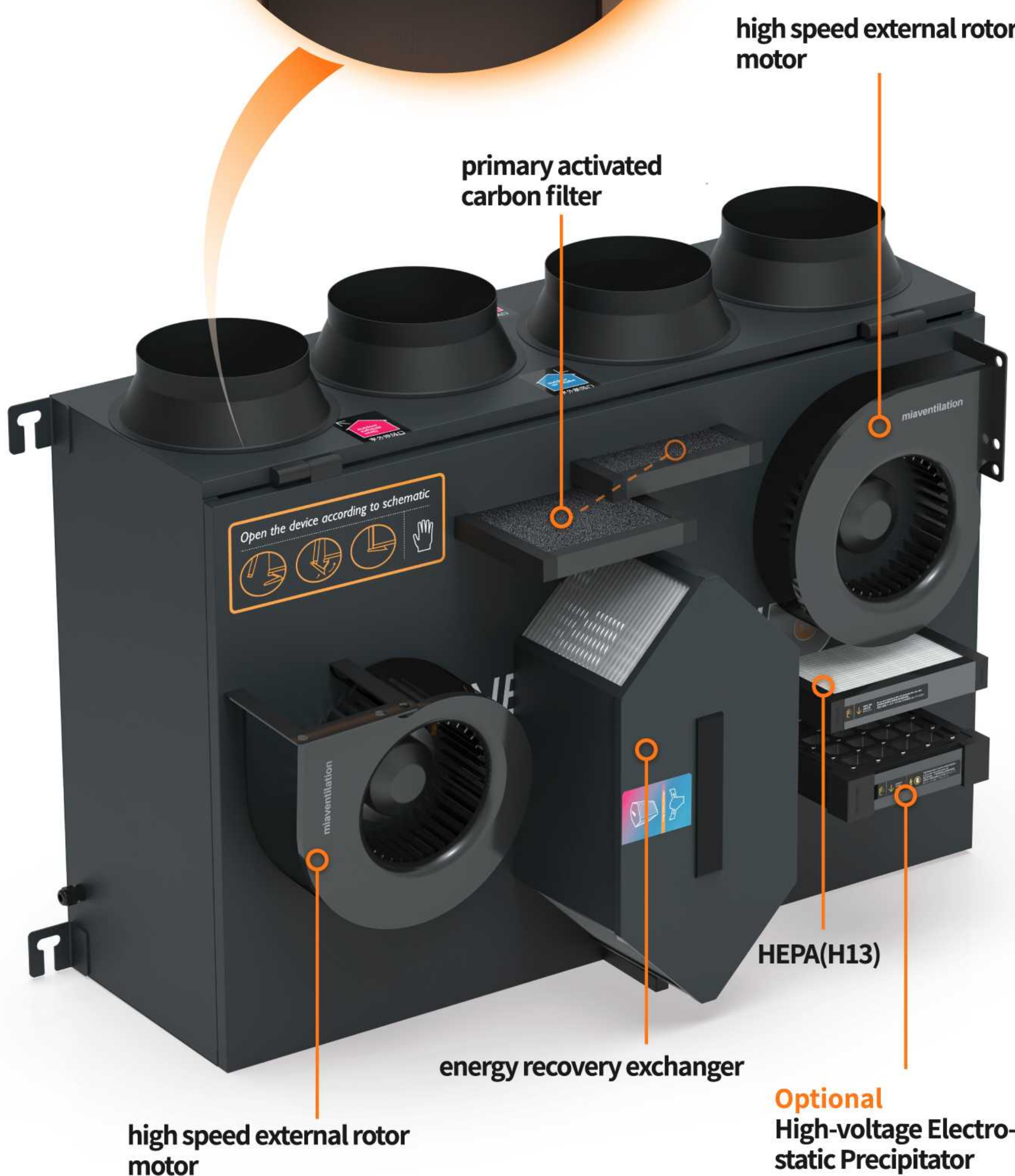


primary activat-
ed carbon filter



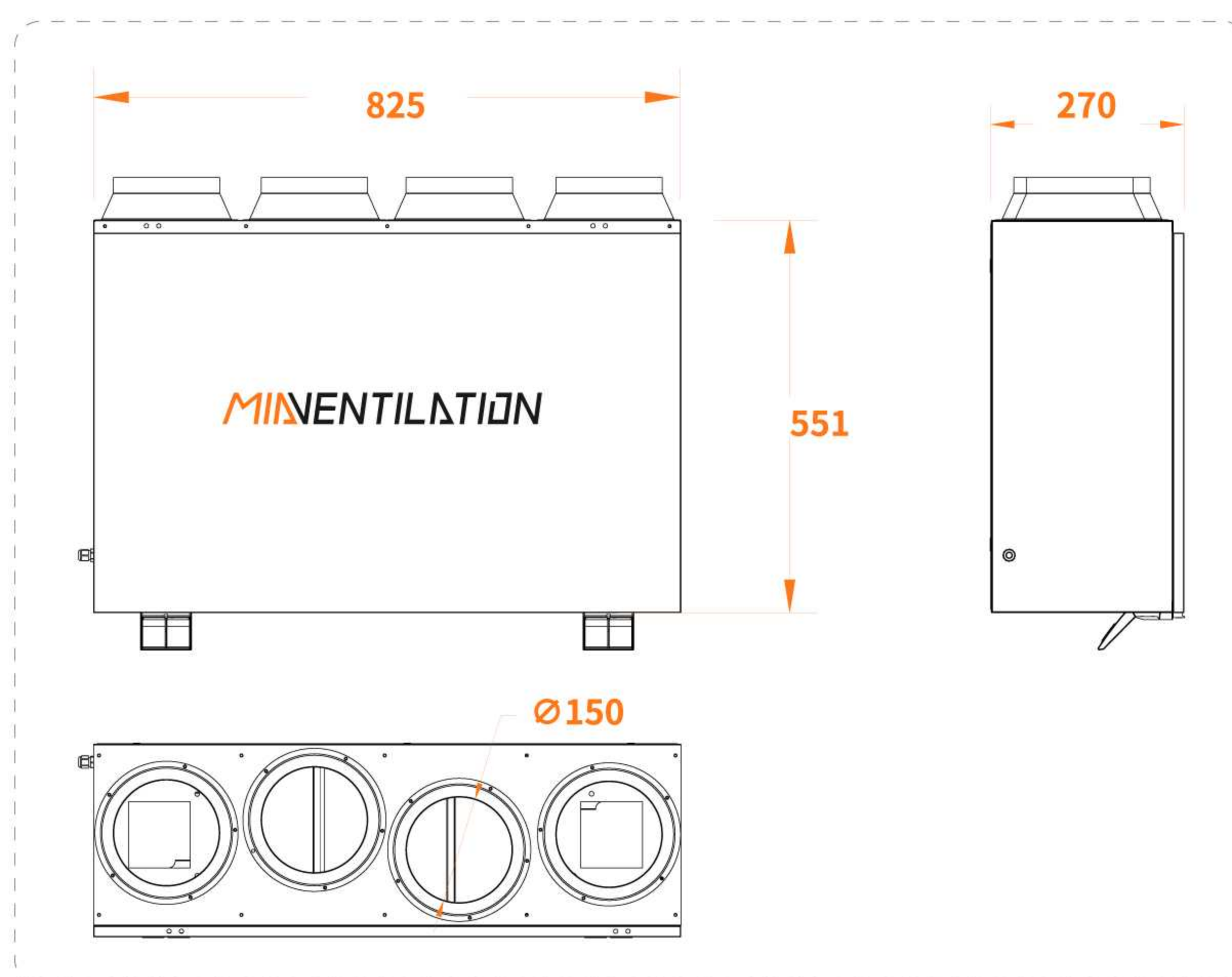
Installation diagram

The figure above is a schematic diagram of the structure, which is subject to the actual object.



Technical Parameters

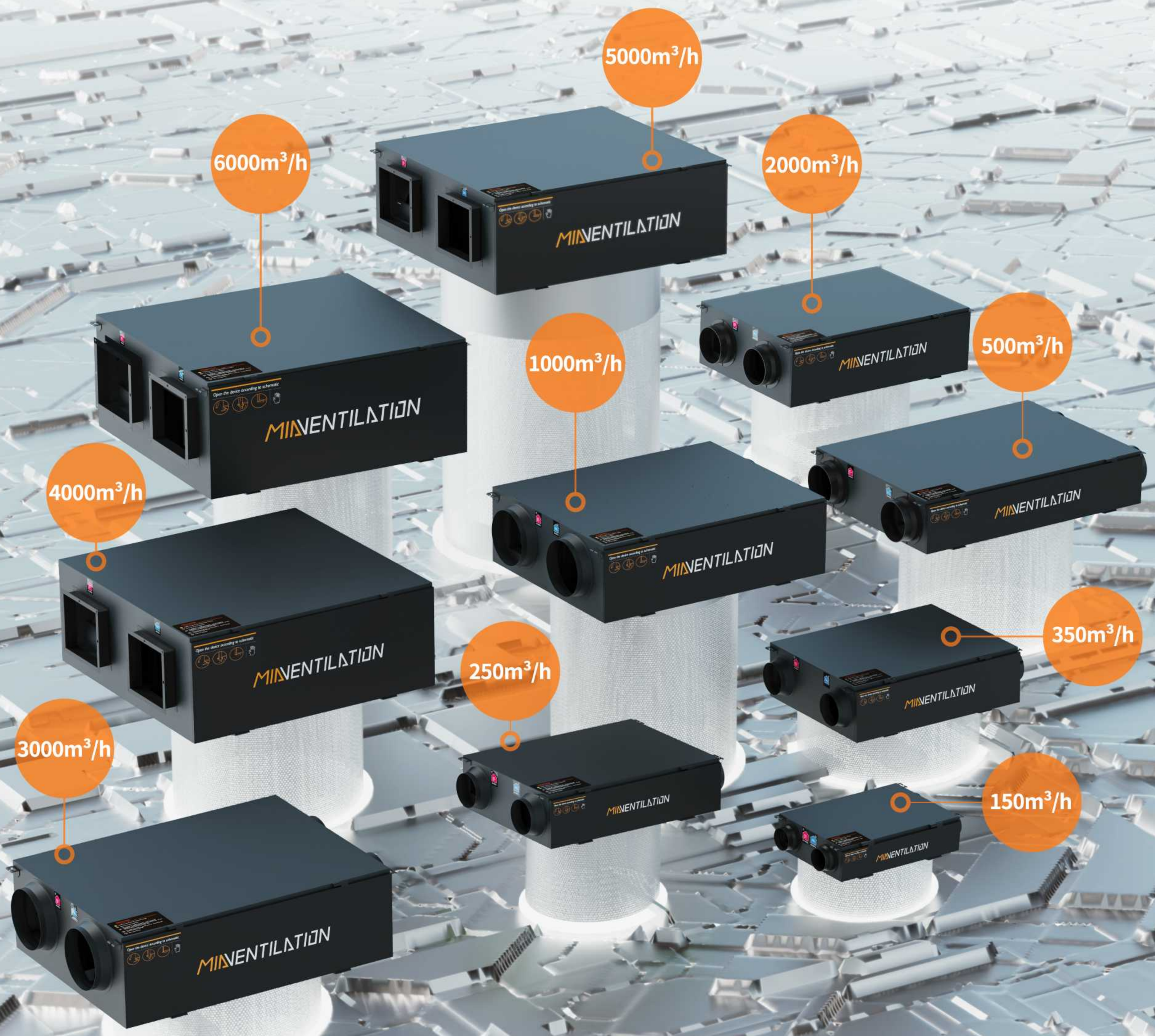
name	model	filter
Vertical ERV with Multiple Filters	MIA-AHE · CGLB (AC Motor) MIA-AHE · CGLB/C (DC Motor)	
Vertical ERV with high-voltage electrostatic Precipitator	MIA-AHE · CGJDB (AC Motor) MIA-AHE · CGJDB/C (DC Motor)	



Model	Voltage	Power	Volume	Pressure	Efficiency	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)
MIA-AHE25CGLB	220V	252W	250m ³ /h	280Pa	85%~88%	37dB(A)	825	270	551	150
MIA-AHE25CGJDB	220V	252W	250m ³ /h	280Pa	85%~88%	37dB(A)	825	270	551	150
MIA-AHE35CGLB	220V	273W	350m ³ /h	295Pa	85%~87.5%	39dB(A)	825	270	551	150
MIA-AHE35CGJDB	220V	273W	350m ³ /h	295Pa	85%~87.5%	39dB(A)	825	270	551	150
MIA-AHE50CGLB	220V	292W	500m ³ /h	305Pa	84%~87%	41dB(A)	825	270	551	150
MIA-AHE50CGJDB	220V	292W	500m ³ /h	305Pa	84%~87%	41dB(A)	825	270	551	150
MIA-AHE25CGLB/C	220V	241W	250m ³ /h	280Pa	85%~88%	37dB(A)	825	270	551	150
MIA-AHE25CGJDB/C	220V	241W	250m ³ /h	280Pa	85%~88%	37dB(A)	825	270	551	150
MIA-AHE35CGLB/C	220V	255W	350m ³ /h	295Pa	85%~87.5%	39dB(A)	825	270	551	150
MIA-AHE35CGJDB/C	220V	255W	350m ³ /h	295Pa	85%~87.5%	39dB(A)	825	270	551	150
MIA-AHE50CGLB/C	220V	288W	500m ³ /h	305Pa	84%~87%	41dB(A)	825	270	551	150
MIA-AHE50CGJDB/C	220V	288W	500m ³ /h	305Pa	84%~87%	41dB(A)	825	270	551	150

Central ERV

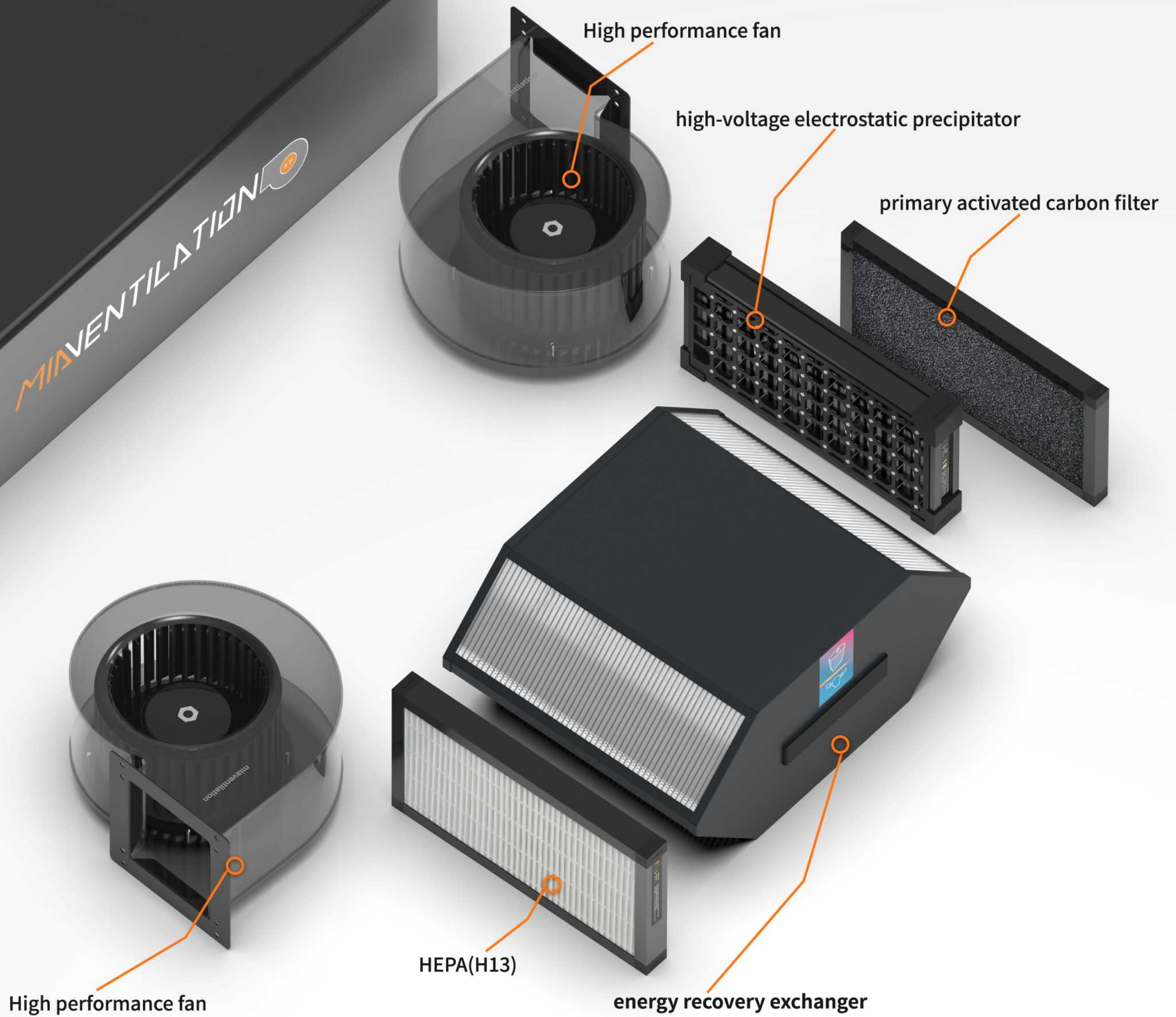
Central ERV (Commercial Model)


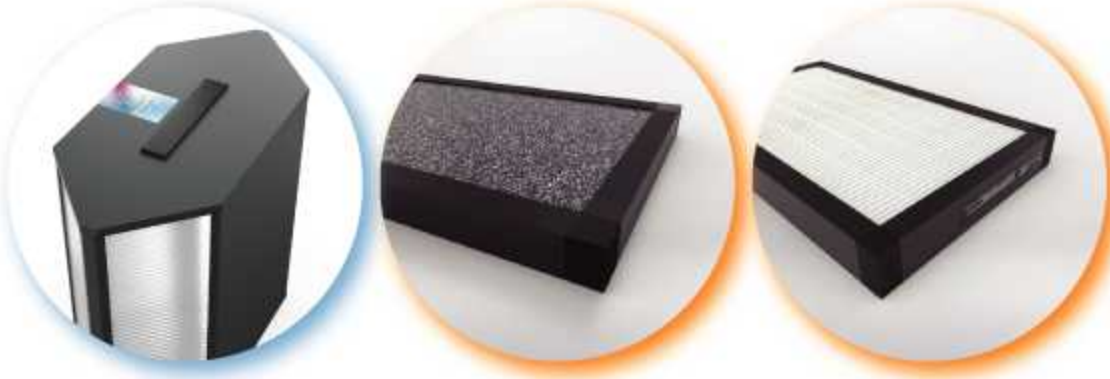
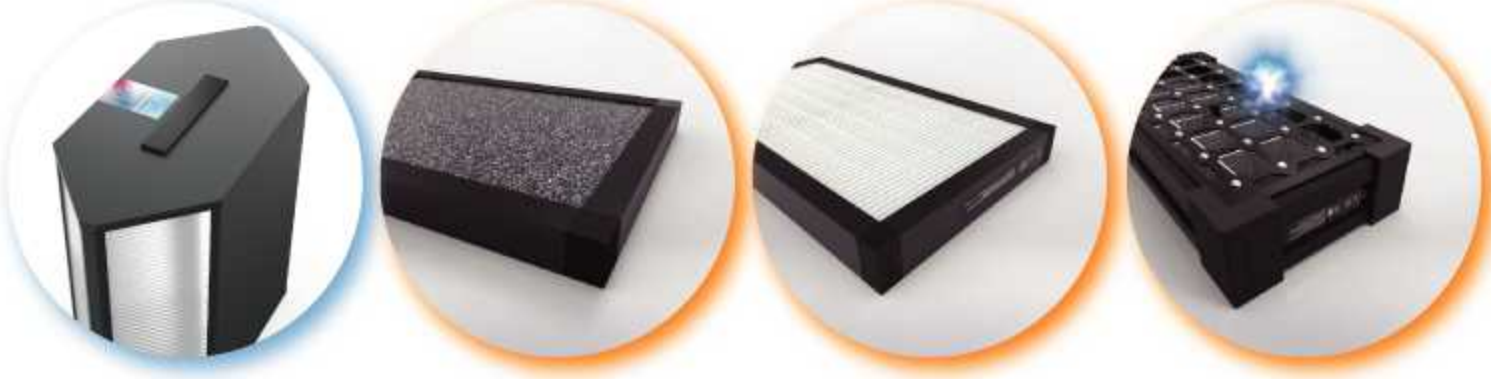


The figure above is a schematic diagram of the structure, which is subject to the actual object.
May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

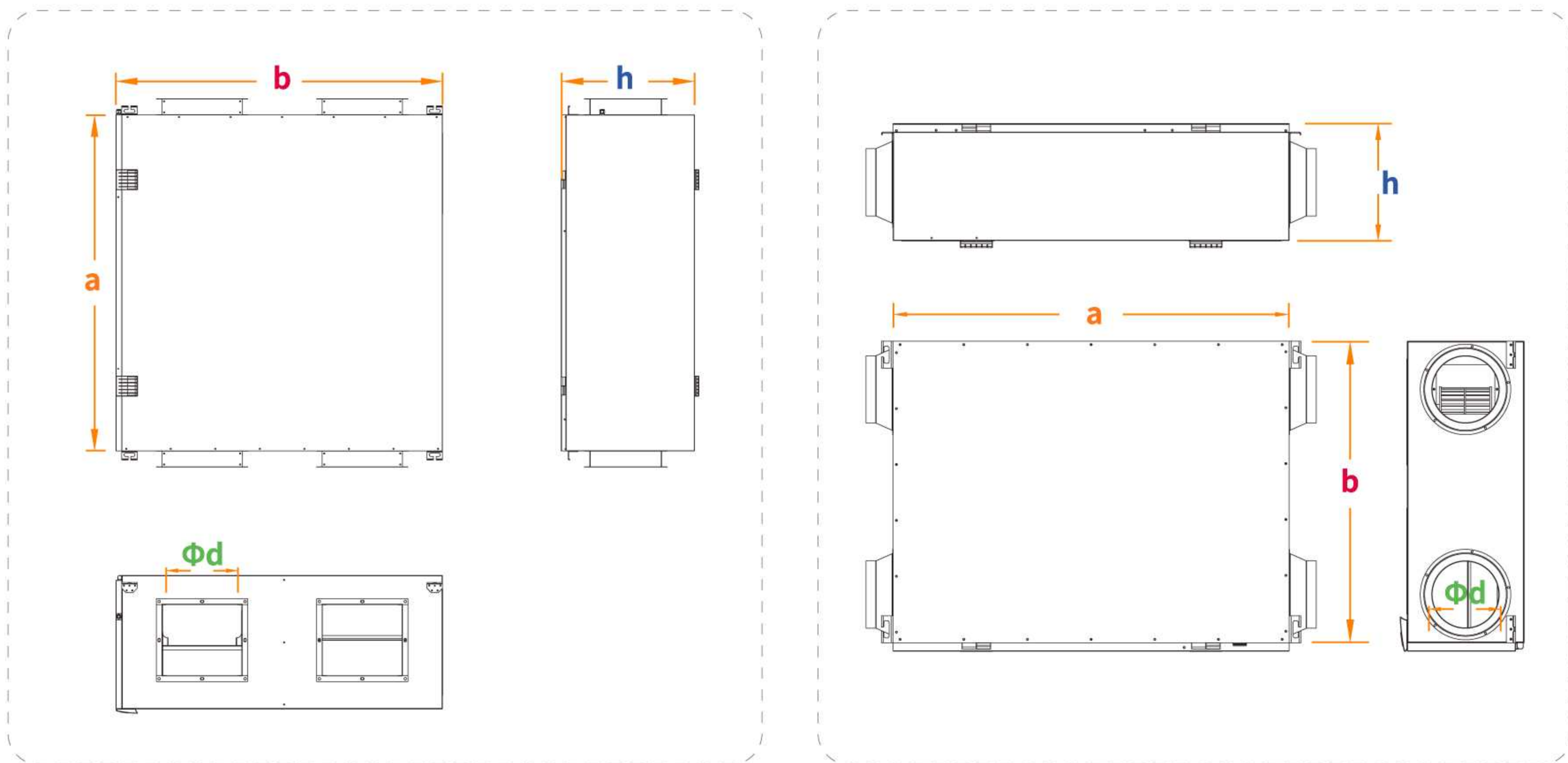
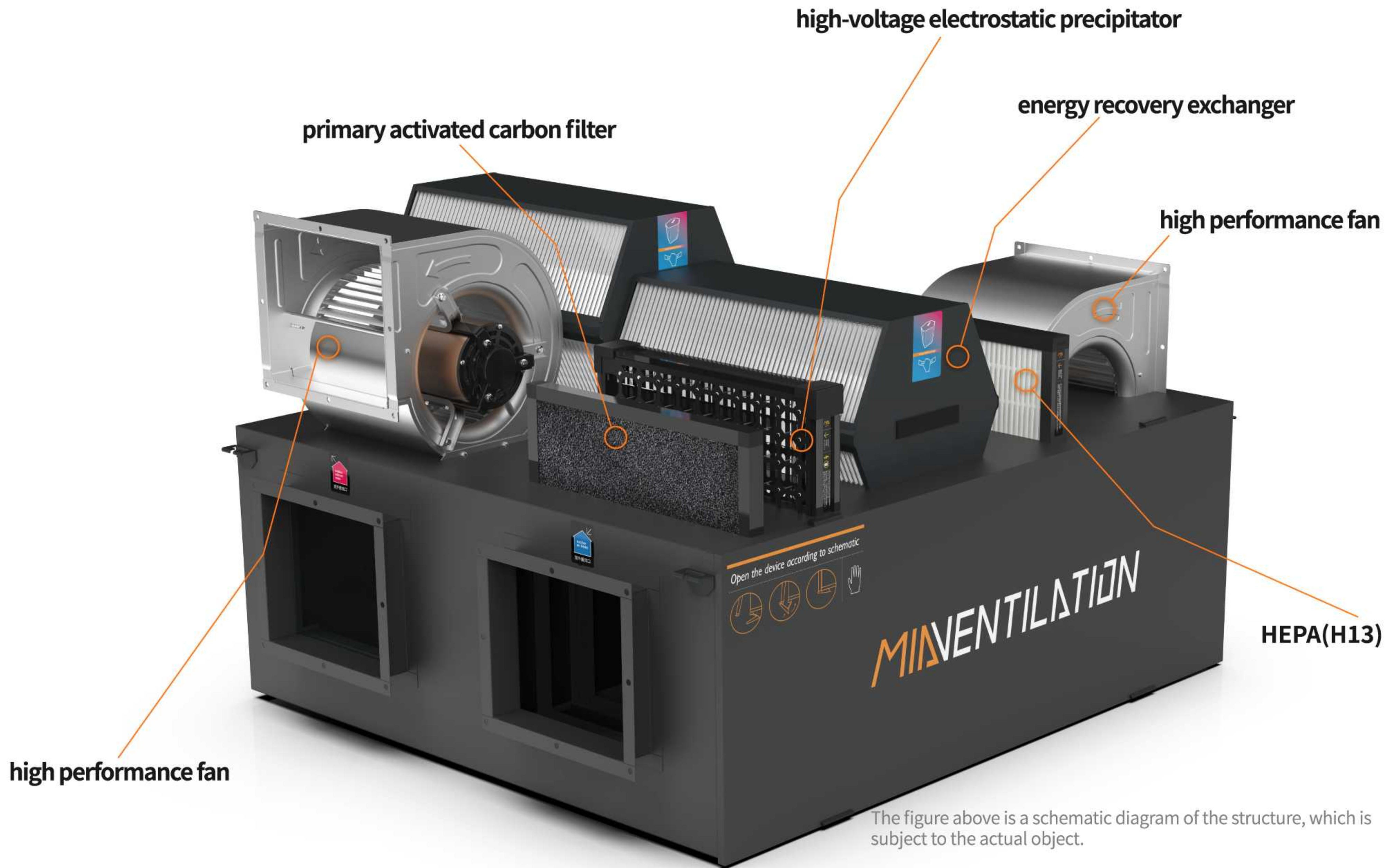
Exploded Views

The figure above is a schematic diagram of the structure, which is subject to the actual object.



name	model	filter
Energy Recovery Ventilation	MIA-AHE· N (AC Motor) MIA-AHE· N/C (DC Motor)	
ERV with Multiple Filters	MIA-AHE· GL (AC Motor) MIA-AHE· GL/C (DC Motor)	
ERV with High-voltage Electrostatic Precipitator	MIA-AHE· JDN (AC Motor) MIA-AHE· JDN/C (DC Motor)	

Exploded Views



External Dimensions

Model	Voltage	Power	Volume	Pressure	Efficiency	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-AHE15N	220V	70W	150m ³ /h	115Pa	88%~96%	26dB(A)	780	514	186	120	19.5kg
MIA-AHE15GL	220V	73W	150m ³ /h	115Pa	88%~96%	26dB(A)	780	514	186	120	19.5kg
MIA-AHE15JDN	220V	73W	150m ³ /h	115Pa	88%~96%	26dB(A)	780	514	186	120	19.5kg
MIA-AHE25N	220V	78W	250m ³ /h	132Pa	87%~95%	28dB(A)	866	643	228	150	26.5kg
MIA-AHE25GL	220V	82W	250m ³ /h	132Pa	87%~95%	28dB(A)	866	643	228	150	26.5kg
MIA-AHE25JDN	220V	82W	250m ³ /h	132Pa	87%~95%	28dB(A)	866	643	228	150	26.5kg
MIA-AHE35N	220V	88W	350m ³ /h	140Pa	86%~94%	29dB(A)	880	688	260	150	31.5kg
MIA-AHE35GL	220V	96W	350m ³ /h	140Pa	86%~94%	29dB(A)	880	688	260	150	31.5kg
MIA-AHE35JDN	220V	96W	350m ³ /h	140Pa	86%~94%	29dB(A)	880	688	260	150	31.5kg
MIA-AHE50N	220V	120W	500m ³ /h	160Pa	86%~94%	30dB(A)	1110	845	260	200	45kg
MIA-AHE50GL	220V	128W	500m ³ /h	160Pa	86%~94%	30dB(A)	1110	845	260	200	45kg
MIA-AHE50JDN	220V	128W	500m ³ /h	160Pa	86%~94%	30dB(A)	1110	845	260	200	45kg
MIA-AHE80N	220V	180W	800m ³ /h	160Pa	86%~91%	36dB(A)	1143	809	342	200	52kg
MIA-AHE80GL	220V	188W	800m ³ /h	160Pa	86%~91%	36dB(A)	1143	809	342	200	52kg
MIA-AHE80JDN	220V	188W	800m ³ /h	160Pa	86%~91%	36dB(A)	1143	809	342	200	52kg
MIA-AHE100N	220V	260W	1000m ³ /h	170Pa	86%~91%	36dB(A)	1143	809	342	200	52kg
MIA-AHE100GL	220V	266W	1000m ³ /h	170Pa	86%~91%	36dB(A)	1143	809	342	200	52kg
MIA-AHE100JDN	220V	266W	1000m ³ /h	170Pa	86%~91%	36dB(A)	1143	809	342	200	52kg
MIA-AHE130N	220V	265W	1300m ³ /h	170Pa	87%~91%	38dB(A)	1143	809	342	200	53kg
MIA-AHE130GL	220V	272W	1300m ³ /h	170Pa	87%~91%	38dB(A)	1143	809	342	200	53kg
MIA-AHE130JDN	220V	272W	1300m ³ /h	170Pa	87%~91%	38dB(A)	1143	809	342	200	53kg
MIA-AHE150N	220V	285W	1500m ³ /h	175Pa	85%~88%	44dB(A)	1143	809	342	200	53.5kg
MIA-AHE150GL	220V	298W	1500m ³ /h	175Pa	85%~88%	44dB(A)	1143	809	342	200	53.5kg
MIA-AHE150JDN	220V	298W	1500m ³ /h	175Pa	85%~88%	44dB(A)	1143	809	342	200	53.5kg
MIA-AHE170N	220V	310W	1700m ³ /h	180Pa	86%~88%	46dB(A)	1150	888	350	250	63kg
MIA-AHE170GL	220V	315W	1700m ³ /h	180Pa	86%~88%	46dB(A)	1150	888	350	250	63kg
MIA-AHE170JDN	220V	315W	1700m ³ /h	180Pa	86%~88%	46dB(A)	1150	888	350	250	63kg
MIA-AHE200N	220V	330W	2000m ³ /h	205Pa	85%~90%	48dB(A)	1150	888	350	250	63kg
MIA-AHE200GL	220V	335W	2000m ³ /h	205Pa	85%~90%	48dB(A)	1150	888	350	250	63kg
MIA-AHE200JDN	220V	335W	2000m ³ /h	205Pa	85%~90%	48dB(A)	1150	888	350	250	63kg
MIA-AHE220N	220V	340W	2200m ³ /h	210Pa	85%~90%	49dB(A)	1150	888	350	250	65kg
MIA-AHE220GL	220V	352W	2200m ³ /h	210Pa	85%~90%	49dB(A)	1150	888	350	250	65kg
MIA-AHE220JDN	220V	352W	2200m ³ /h	210Pa	85%~90%	49dB(A)	1150	888	350	250	65kg
MIA-AHE250N	220V	360W	2500m ³ /h	260Pa	85%~89%	51dB(A)	1150	888	350	250	65kg
MIA-AHE250GL	220V	420W	2500m ³ /h	260Pa	85%~89%	51dB(A)	1150	888	350	250	65kg
MIA-AHE250JDN	220V	420W	2500m ³ /h	260Pa	85%~89%	51dB(A)	1150	888	350	250	65kg
MIA-AHE300N	220V	480W	3000m ³ /h	260Pa	87%~91%	52dB(A)	1200	904	381	250	69.5kg
MIA-AHE300GL	220V	510W	3000m ³ /h	260Pa	87%~91%	52dB(A)	1200	904	381	250	69.5kg
MIA-AHE300JDN	220V	510W	3000m ³ /h	260Pa	87%~91%	52dB(A)	1200	904	381	250	69.5kg
MIA-AHE350N	220V	560W	3500m ³ /h	265Pa	86%~91%	55dB(A)	1200	904	381	250	69.5kg
MIA-AHE350GL	220V	580W	3500m ³ /h	265Pa	86%~91%	55dB(A)	1200	904	381	250	69.5kg
MIA-AHE350JDN	220V	580W	3500m ³ /h	265Pa	86%~91%	55dB(A)	1200	904	381	250	69.5kg

External Dimensions

Model	Voltage	Power	Volume	Pressure	Efficiency	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-AHE400N	220V	600W	4000m ³ /h	280Pa	86%~92%	57dB(A)	1200	1160	476	285X254	71kg
MIA-AHE400GL	220V	710W	4000m ³ /h	280Pa	86%~92%	57dB(A)	1200	1160	476	285X254	71kg
MIA-AHE400JDN	220V	710W	4000m ³ /h	280Pa	86%~92%	57dB(A)	1200	1160	476	285X254	71kg
MIA-AHE450N	220V	780W	4500m ³ /h	285Pa	86%~91%	61dB(A)	1200	1160	476	285X254	71kg
MIA-AHE450GL	220V	820W	4500m ³ /h	285Pa	86%~91%	61dB(A)	1200	1160	476	285X254	71kg
MIA-AHE450JDN	220V	820W	4500m ³ /h	285Pa	86%~91%	61dB(A)	1200	1160	476	285X254	71kg
MIA-AHE500N	220V	900W	5000m ³ /h	320Pa	86%~90%	64dB(A)	1300	1160	476	295X260	104kg
MIA-AHE500GL	220V	920W	5000m ³ /h	320Pa	86%~90%	64dB(A)	1300	1160	476	295X260	104kg
MIA-AHE500JDN	220V	920W	5000m ³ /h	320Pa	86%~90%	64dB(A)	1300	1160	476	295X260	104kg
MIA-AHE550N	220V	980W	5500m ³ /h	320Pa	86%~91%	64dB(A)	1300	1160	476	295X260	104kg
MIA-AHE550GL	220V	1020W	5500m ³ /h	320Pa	86%~91%	64dB(A)	1300	1160	476	295X260	104kg
MIA-AHE550JDN	220V	1020W	5500m ³ /h	320Pa	86%~91%	64dB(A)	1300	1160	476	295X260	104kg
MIA-AHE600N	220V	1100W	6000m ³ /h	330Pa	85%~91%	65dB(A)	1320	1160	550	328X289	116kg
MIA-AHE600GL	220V	1280W	6000m ³ /h	330Pa	85%~91%	65dB(A)	1320	1160	550	328X289	116kg
MIA-AHE600JDN	220V	1280W	6000m ³ /h	330Pa	85%~91%	65dB(A)	1320	1160	550	328X289	116kg
MIA-AHE650N	220V	1200W	6500m ³ /h	330Pa	85%~90%	65dB(A)	1320	1160	550	328X289	116kg
MIA-AHE650GL	220V	1350W	6500m ³ /h	330Pa	85%~90%	65dB(A)	1320	1160	550	328X289	116kg
MIA-AHE650JDN	220V	1350W	6500m ³ /h	330Pa	85%~90%	65dB(A)	1320	1160	550	328X289	116kg
MIA-AHE700N	220V	2200W	7000m ³ /h	350Pa	85%~91%	65dB(A)	1320	1160	550	328X289	116kg
MIA-AHE700GL	220V	2550W	7000m ³ /h	350Pa	85%~90%	65dB(A)	1320	1160	550	328X289	116kg
MIA-AHE700JDN	220V	2550W	7000m ³ /h	350Pa	85%~90%	65dB(A)	1320	1160	550	328X289	116kg
MIA-AHE750N	220V	2800W	7500m ³ /h	350Pa	84%~90%	65dB(A)	1320	1160	550	328X289	118kg
MIA-AHE750GL	220V	3460W	7500m ³ /h	350Pa	84%~90%	65dB(A)	1320	1160	550	328X289	118kg
MIA-AHE750JDN	220V	3460W	7500m ³ /h	350Pa	84%~90%	65dB(A)	1320	1160	550	328X289	118kg
MIA-AHE800N	220V	3600W	8000m ³ /h	360Pa	83%~91%	66dB(A)	1320	1160	550	328X289	118kg
MIA-AHE800GL	220V	3880W	8000m ³ /h	360Pa	83%~91%	66dB(A)	1320	1160	550	328X289	118kg
MIA-AHE800JDN	220V	3880W	8000m ³ /h	360Pa	83%~91%	66dB(A)	1320	1160	550	328X289	118kg
MIA-AHE850N	220V	4100W	8500m ³ /h	365Pa	83%~90%	66dB(A)	1320	1160	550	328X289	118kg
MIA-AHE850GL	220V	4420W	8500m ³ /h	365Pa	83%~90%	66dB(A)	1320	1160	550	328X289	118kg
MIA-AHE850JDN	220V	4420W	8500m ³ /h	365Pa	83%~90%	66dB(A)	1320	1160	550	328X289	118kg

External Dimensions

Model	Voltage	Power	Volume	Pressure	Efficiency	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-AHE80N/C	220V	235W	800m ³ /h	205Pa	86%~91%	36dB(A)	1110	846	260	200	46kg
MIA-AHE80GL/C	220V	245W	800m ³ /h	205Pa	86%~91%	36dB(A)	1110	846	260	200	46kg
MIA-AHE80JDN/C	220V	245W	800m ³ /h	205Pa	86%~91%	36dB(A)	1110	846	260	200	46kg
MIA-AHE100N/C	220V	255W	1000m ³ /h	205Pa	86%~91%	36dB(A)	1110	846	260	200	46kg
MIA-AHE100GL/C	220V	272W	1000m ³ /h	205Pa	86%~91%	36dB(A)	1110	846	260	200	46kg
MIA-AHE100JDN/C	220V	272W	1000m ³ /h	205Pa	86%~91%	36dB(A)	1110	846	260	200	46kg
MIA-AHE130N/C	220V	277W	1300m ³ /h	215Pa	87%~91%	38dB(A)	1110	846	260	200	46kg
MIA-AHE130GL/C	220V	285W	1300m ³ /h	215Pa	87%~91%	38dB(A)	1110	846	260	200	46kg
MIA-AHE130JDN/C	220V	285W	1300m ³ /h	215Pa	87%~91%	38dB(A)	1110	846	260	200	46kg
MIA-AHE150N/C	220V	295W	1500m ³ /h	220Pa	85%~88%	44dB(A)	1110	846	260	200	47kg

May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

External Dimensions

Model	Voltage	Power	Volume	Pressure	Efficiency	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-AHE150GL/C	220V	300W	1500m ³ /h	220Pa	85%~88%	44dB(A)	1110	846	260	200	47kg
MIA-AHE150JDN/C	220V	300W	1500m ³ /h	220Pa	85%~88%	44dB(A)	1110	846	260	200	47kg
MIA-AHE170N/C	220V	298W	1700m ³ /h	226Pa	86%~88%	46dB(A)	1280	904	350	250	63kg
MIA-AHE170GL/C	220V	304W	1700m ³ /h	226Pa	86%~88%	46dB(A)	1280	904	350	250	63kg
MIA-AHE170JDN/C	220V	304W	1700m ³ /h	226Pa	86%~88%	46dB(A)	1280	904	350	250	63kg
MIA-AHE200N/C	220V	306W	2000m ³ /h	262Pa	85%~90%	48dB(A)	1280	904	350	250	63kg
MIA-AHE200GL/C	220V	318W	2000m ³ /h	262Pa	85%~90%	48dB(A)	1280	904	350	250	63kg
MIA-AHE200JDN/C	220V	318W	2000m ³ /h	262Pa	85%~90%	48dB(A)	1280	904	350	250	63kg
MIA-AHE220N/C	220V	312W	2200m ³ /h	266Pa	85%~90%	49dB(A)	1280	904	350	250	65kg
MIA-AHE220GL/C	220V	322W	2200m ³ /h	266Pa	85%~90%	49dB(A)	1280	904	350	250	65kg
MIA-AHE220JDN/C	220V	322W	2200m ³ /h	266Pa	85%~90%	49dB(A)	1280	904	350	250	65kg
MIA-AHE250N/C	220V	342W	2500m ³ /h	315Pa	85%~89%	51dB(A)	1280	904	350	250	65kg
MIA-AHE250GL/C	220V	363W	2500m ³ /h	315Pa	85%~89%	51dB(A)	1280	904	350	250	65kg
MIA-AHE250JDN/C	220V	363W	2500m ³ /h	315Pa	85%~89%	51dB(A)	1280	904	350	250	65kg
MIA-AHE300N/C	220V	420W	3000m ³ /h	315Pa	87%~91%	52dB(A)	1200	904	381	250	69.5kg
MIA-AHE300GL/C	220V	420W	3000m ³ /h	315Pa	87%~91%	52dB(A)	1200	904	381	250	69.5kg
MIA-AHE300GL/C	220V	446W	3000m ³ /h	315Pa	87%~91%	52dB(A)	1200	904	381	250	69.5kg
MIA-AHE350N/C	220V	500W	3500m ³ /h	320Pa	86%~91%	55dB(A)	1200	904	381	250	69.5kg
MIA-AHE350GL/C	220V	528W	3500m ³ /h	320Pa	86%~91%	55dB(A)	1200	904	381	250	69.5kg
MIA-AHE350JDN/C	220V	528W	3500m ³ /h	320Pa	86%~91%	55dB(A)	1200	904	381	250	69.5kg
MIA-AHE400N/C	220V	568W	4000m ³ /h	405Pa	86%~92%	57dB(A)	1200	1160	476	285x254	71kg
MIA-AHE400N/C	220V	568W	4000m ³ /h	405Pa	86%~92%	57dB(A)	1200	1160	476	285x254	71kg
MIA-AHE400JDN/C	220V	620W	4000m ³ /h	405Pa	86%~92%	57dB(A)	1200	1160	476	285x254	71kg
MIA-AHE450N/C	220V	720W	4500m ³ /h	415Pa	86%~91%	61dB(A)	1200	1160	476	285x254	71kg
MIA-AHE450GL/C	220V	770W	4500m ³ /h	415Pa	86%~91%	61dB(A)	1200	1160	476	285x254	71kg
MIA-AHE450JDN/C	220V	770W	4500m ³ /h	415Pa	86%~91%	61dB(A)	1200	1160	476	285x254	71kg
MIA-AHE500N/C	220V	870W	5000m ³ /h	450Pa	86%~90%	64dB(A)	1300	1160	476	295x260	104kg
MIA-AHE500GL/C	220V	885W	5000m ³ /h	450Pa	86%~90%	64dB(A)	1300	1160	476	295x260	104kg
MIA-AHE500JDN/C	220V	885W	5000m ³ /h	450Pa	86%~90%	64dB(A)	1300	1160	476	295x260	104kg
MIA-AHE550N/C	220V	920W	5500m ³ /h	460Pa	86%~91%	64dB(A)	1300	1160	476	295x260	104kg
MIA-AHE550GL/C	220V	955W	5500m ³ /h	460Pa	86%~91%	64dB(A)	1300	1160	476	295x260	104kg
MIA-AHE550JDN/C	220V	955W	5500m ³ /h	460Pa	86%~91%	64dB(A)	1300	1160	476	295x260	104kg
MIA-AHE600N/C	220V	1065W	6000m ³ /h	410Pa	85%~91%	65dB(A)	1320	1160	550	328x289	116kg
MIA-AHE600GL/C	220V	1200W	6000m ³ /h	410Pa	85%~91%	65dB(A)	1320	1160	550	328x289	116kg
MIA-AHE600JDN/C	220V	1200W	6000m ³ /h	410Pa	85%~91%	65dB(A)	1320	1160	550	328x289	116kg
MIA-AHE650N/C	220V	1150W	6500m ³ /h	410Pa	85%~90%	65dB(A)	1320	1160	550	328x289	116kg
MIA-AHE650GL/C	220V	1275W	6500m ³ /h	410Pa	85%~90%	65dB(A)	1320	1160	550	328x289	116kg
MIA-AHE650JDN/C	220V	1275W	6500m ³ /h	410Pa	85%~90%	65dB(A)	1320	1160	550	328x289	116kg
MIA-AHE700N/C	220V	1460W	7000m ³ /h	420Pa	85%~91%	65dB(A)	1320	1160	550	328x289	116kg
MIA-AHE700GL/C	220V	1500W	7000m ³ /h	420Pa	85%~90%	65dB(A)	1320	1160	550	328x289	116kg
MIA-AHE700JDN/C	220V	1500W	7000m ³ /h	420Pa	85%~90%	65dB(A)	1320	1160	550	328x289	116kg
MIA-AHE750N/C	220V	1570W	7500m ³ /h	420Pa	84%~90%	65dB(A)	1320	1160	550	328x289	118kg
MIA-AHE750GL/C	220V	1620W	7500m ³ /h	420Pa	84%~90%	65dB(A)	1320	1160	550	328x289	118kg

External Dimensions

Model	Voltage	Power	Volume	Pressure	Efficiency	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-AHE750JDN/C	220V	1620W	7500m ³ /h	420Pa	84%~90%	65dB(A)	1320	1160	550	328x289	118kg
MIA-AHE800N/C	220V	1680W	8000m ³ /h	425Pa	83%~91%	66dB(A)	1320	1160	550	328x289	118kg
MIA-AHE800GL/C	220V	1750W	8000m ³ /h	425Pa	83%~91%	66dB(A)	1320	1160	550	328x289	118kg
MIA-AHE800JDN/C	220V	1750W	8000m ³ /h	425Pa	83%~91%	66dB(A)	1320	1160	550	328x289	118kg
MIA-AHE850N/C	220V	1775W	8500m ³ /h	425Pa	83%~90%	66dB(A)	1320	1160	550	328x289	118kg
MIA-AHE850GL/C	220V	1830W	8500m ³ /h	425Pa	83%~90%	66dB(A)	1320	1160	550	328x289	118kg
MIA-AHE850JDN/C	220V	1830W	8500m ³ /h	425Pa	83%~90%	66dB(A)	1320	1160	550	328x289	118kg

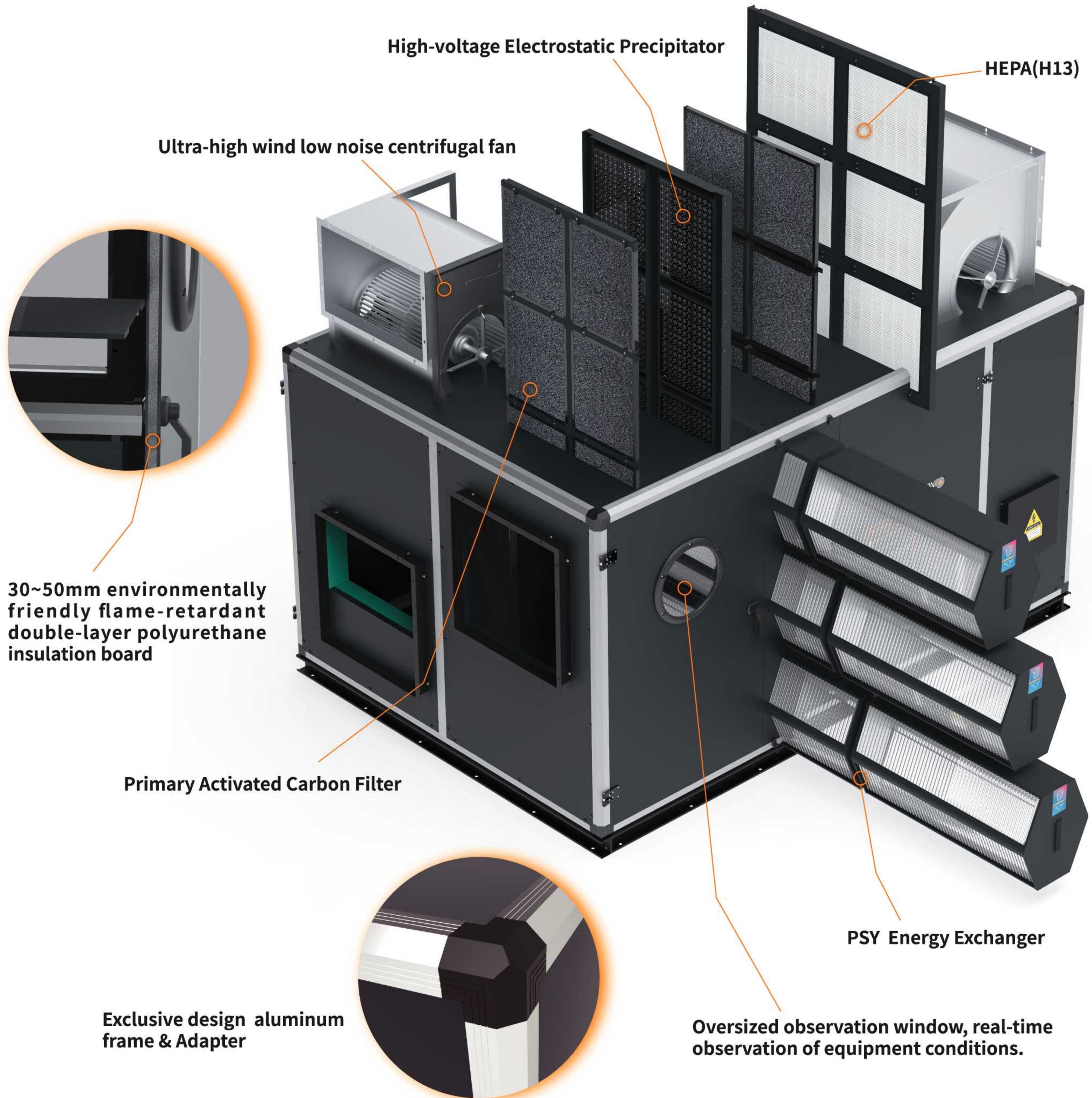
Floor-standing AHU

Antiflaming PU Double-layer Board AHU (9000m³/h ~ 50000m³/h)



Exploded Views

model	filter
MIA-AHE · N	Primary activated carbon filter
MIA-AHE · GL	Primary activated carbon filter + HEPA
MIA-AHE · JDN	Primary activated carbon filter + HEPA + high-voltage electrostatic Precipitator



The figure above is a schematic diagram of the structure, which is subject to the actual object.
 May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

Technical Parameters

Model	Voltage	Power	Volume	Pressure	Efficiency	Noise
MIA-AHE900N	380V	4.5KW	9000m ³ /h	365Pa	83%~90%	67dB(A)
MIA-AHE900GL	380V	4.68KW	9000m ³ /h	365Pa	83%~90%	67dB(A)
MIA-AHE900JDN	380V	4.68KW	9000m ³ /h	365Pa	83%~90%	67dB(A)
MIA-AHE950N	380V	4.7KW	9500m ³ /h	370Pa	82%~88%	68dB(A)
MIA-AHE950GL	380V	4.88KW	9500m ³ /h	370Pa	82%~88%	68dB(A)
MIA-AHE950JDN	380V	4.88KW	9500m ³ /h	370Pa	82%~88%	68dB(A)
MIA-AHE1000N	380V	4.8KW	10000m ³ /h	380Pa	81%~86%	68dB(A)
MIA-AHE1000GL	380V	5.26KW	10000m ³ /h	380Pa	81%~86%	68dB(A)
MIA-AHE1000JDN	380V	5.26KW	10000m ³ /h	380Pa	81%~86%	68dB(A)
MIA-AHE1200N	380V	6.6KW	12000m ³ /h	380-540Pa	81%~86%	69dB(A)
MIA-AHE1200GL	380V	7.23KW	12000m ³ /h	380-540Pa	81%~86%	69dB(A)
MIA-AHE1200JDN	380V	7.23KW	12000m ³ /h	380-540Pa	81%~86%	69dB(A)
MIA-AHE1500N	380V	8.3KW	15000m ³ /h	380-580Pa	81%~85%	72dB(A)
MIA-AHE1500GL	380V	11.2KW	15000m ³ /h	380-580Pa	81%~85%	72dB(A)
MIA-AHE1500JDN	380V	11.2KW	15000m ³ /h	380-580Pa	81%~85%	72dB(A)
MIA-AHE2000N	380V	13KW	20000m ³ /h	380-580Pa	80%~86%	73dB(A)
MIA-AHE2000GL	380V	13.8KW	20000m ³ /h	380-580Pa	80%~86%	73dB(A)
MIA-AHE2000JDN	380V	13.8KW	20000m ³ /h	380-580Pa	80%~86%	73dB(A)
MIA-AHE2500N	380V	14.5KW	25000m ³ /h	380-570Pa	80%~86%	73dB(A)
MIA-AHE2500GL	380V	15.3KW	25000m ³ /h	380-570Pa	80%~86%	73dB(A)
MIA-AHE2500JDN	380V	15.3KW	25000m ³ /h	380-570Pa	80%~86%	73dB(A)
MIA-AHE3000N	380V	16KW	30000m ³ /h	390-580Pa	78%~85%	73dB(A)
MIA-AHE3000GL	380V	17.1KW	30000m ³ /h	390-580Pa	78%~85%	73dB(A)
MIA-AHE3000JDN	380V	17.1KW	30000m ³ /h	390-580Pa	78%~85%	73dB(A)
MIA-AHE3500N	380V	17.8KW	35000m ³ /h	390-585Pa	78%~84%	75dB(A)
MIA-AHE3500GL	380V	20.2KW	35000m ³ /h	390-585Pa	78%~84%	75dB(A)
MIA-AHE3500JDN	380V	20.2KW	35000m ³ /h	390-585Pa	78%~84%	75dB(A)
MIA-AHE4000N	380V	21KW	40000m ³ /h	400-620Pa	79%~86%	75dB(A)
MIA-AHE4000GL	380V	22.3KW	40000m ³ /h	400-620Pa	78%~84%	75dB(A)
MIA-AHE4000JDN	380V	22.3KW	40000m ³ /h	400-620Pa	78%~84%	75dB(A)
MIA-AHE4500N	380V	23.5KW	45000m ³ /h	400-620Pa	79%~86%	75dB(A)
MIA-AHE4500GL	380V	24.9KW	45000m ³ /h	400-620Pa	78%~84%	75dB(A)
MIA-AHE4500JDN	380V	24.9KW	45000m ³ /h	400-620Pa	78%~84%	75dB(A)
MIA-AHE5000N	380V	26KW	50000m ³ /h	400-620Pa	76%~83%	76dB(A)
MIA-AHE5000GL	380V	27.6KW	50000m ³ /h	400-620Pa	76%~83%	76dB(A)
MIA-AHE5000JDN	380V	27.6KW	50000m ³ /h	400-620Pa	76%~83%	76dB(A)

Fresh Air Dehumidifier

Central ERV & Dehumidifier (2 in 1 Unit)



The figure above is a schematic diagram of the structure, which is subject to the actual object.



Heat recovery ventilation mode:
Suck outdoor air into the equipment, being recovered through heat exchanger and purified by filters, and then sent into the room. At the same time, extract the inroom air into the equipment and exhaust to the outside through heat exchanger, to achieve the simultaneous replacement of inroom and outside air.



Fast dehumidification mode:
Suck the room humid air into the equipment, being dehumidified by the compressor surface cooler evaporator and purified by filters, and then sent back to the room.

Exploded Views



support RS485



Technical Parameters

Central ERV & Dehumidifier (2 in 1 Unit)

model : MIA-25BXF/HR
 voltage : 220V
 power : 380W
 volume : 250 ~350m³/h
 pressure : ≈265Pa
 dehumidification : 33L/D
 efficiency : ≈68%~73%
 noise : 35~46dB(A)
 size : 961.4×679.8×260.8mm
 weight : 45kg

dimensions

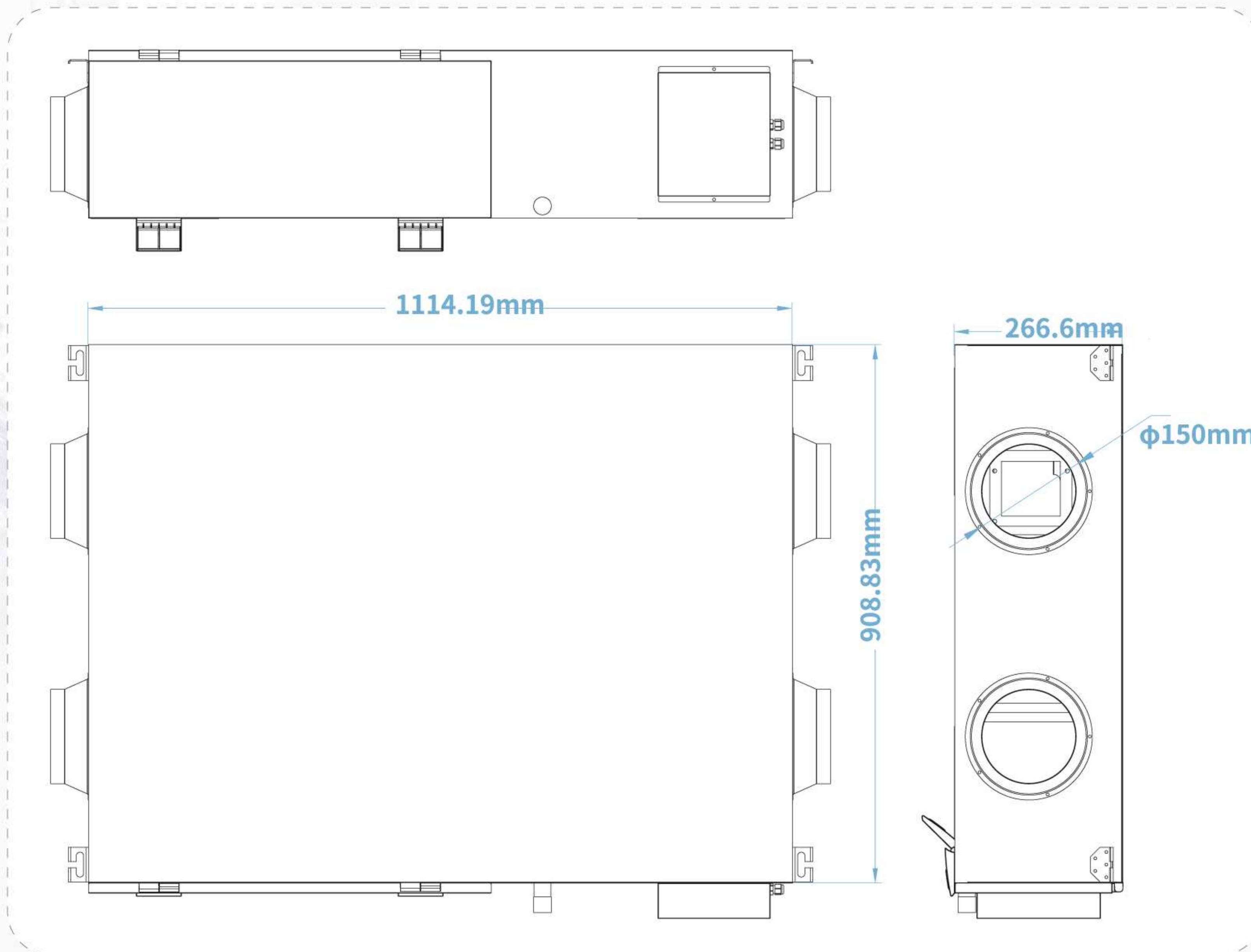
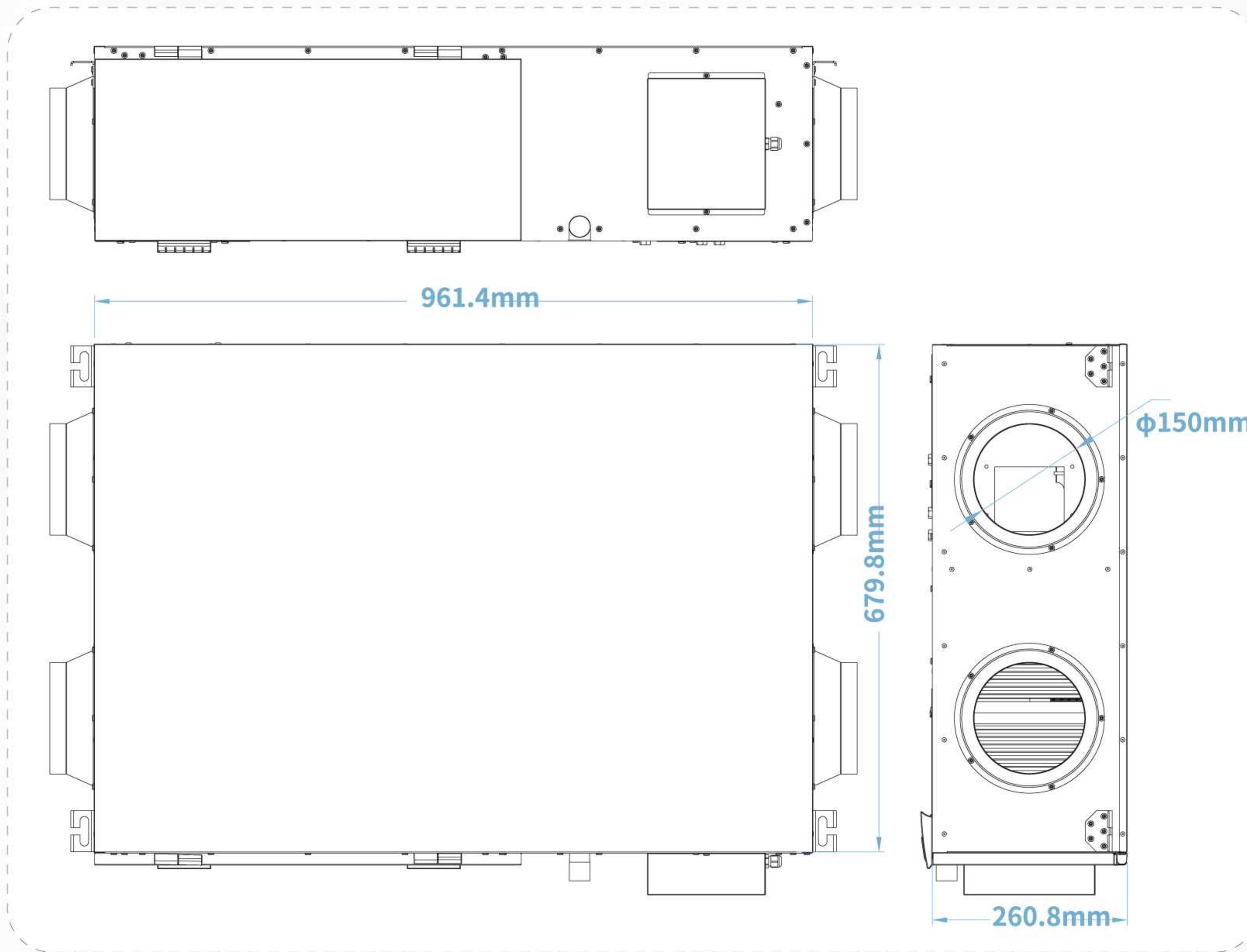
MIA-25BXF/HR
 unit:mm

Central ERV & Dehumidifier (2 in 1 Unit)

model : MIA-35BXF/HR
 voltage : 220V
 power : 585W
 volume : 350 ~500m³/h
 pressure : ≈275Pa
 dehumidification : 58L/D
 efficiency : ≈66%~71%
 noise : 38~49dB(A)
 size : 1114×908.8×266.6mm
 weight : 63kg

dimensions

MIA-35BXF/HR
 unit:mm



Fresh Air Dehumidifier

Central Fresh Air Dehumidifier

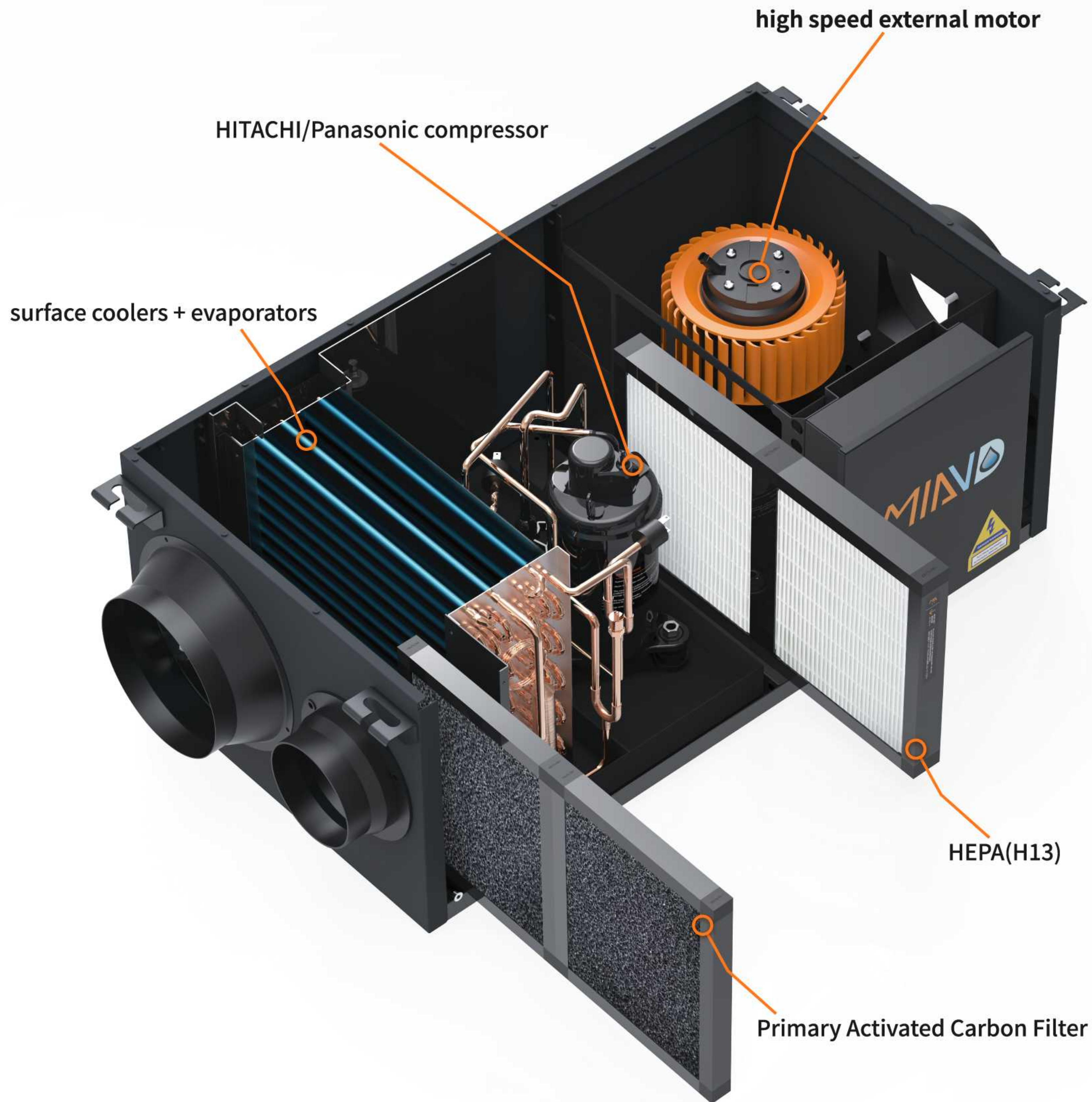


The figure above is a schematic diagram of the structure, which is subject to the actual object.



Working Principle: Extract outdoor air into the equipment, being filtered, and then sent into the room. At the same time, the inroom humid air will be sucked into the equipment, being dehumidified by the compressor surface cooler evaporator and purified by filters, and then sent back to the room. If the inroom humidity is too high and needs to be quickly removed, you can cut off the outdoor fresh air inlet and let the equipment only dehumidify the inroom air.

Exploded Views



The figure above is a schematic diagram of the structure, which is subject to the actual object.

MIA-35BXF



MIA-50BXF



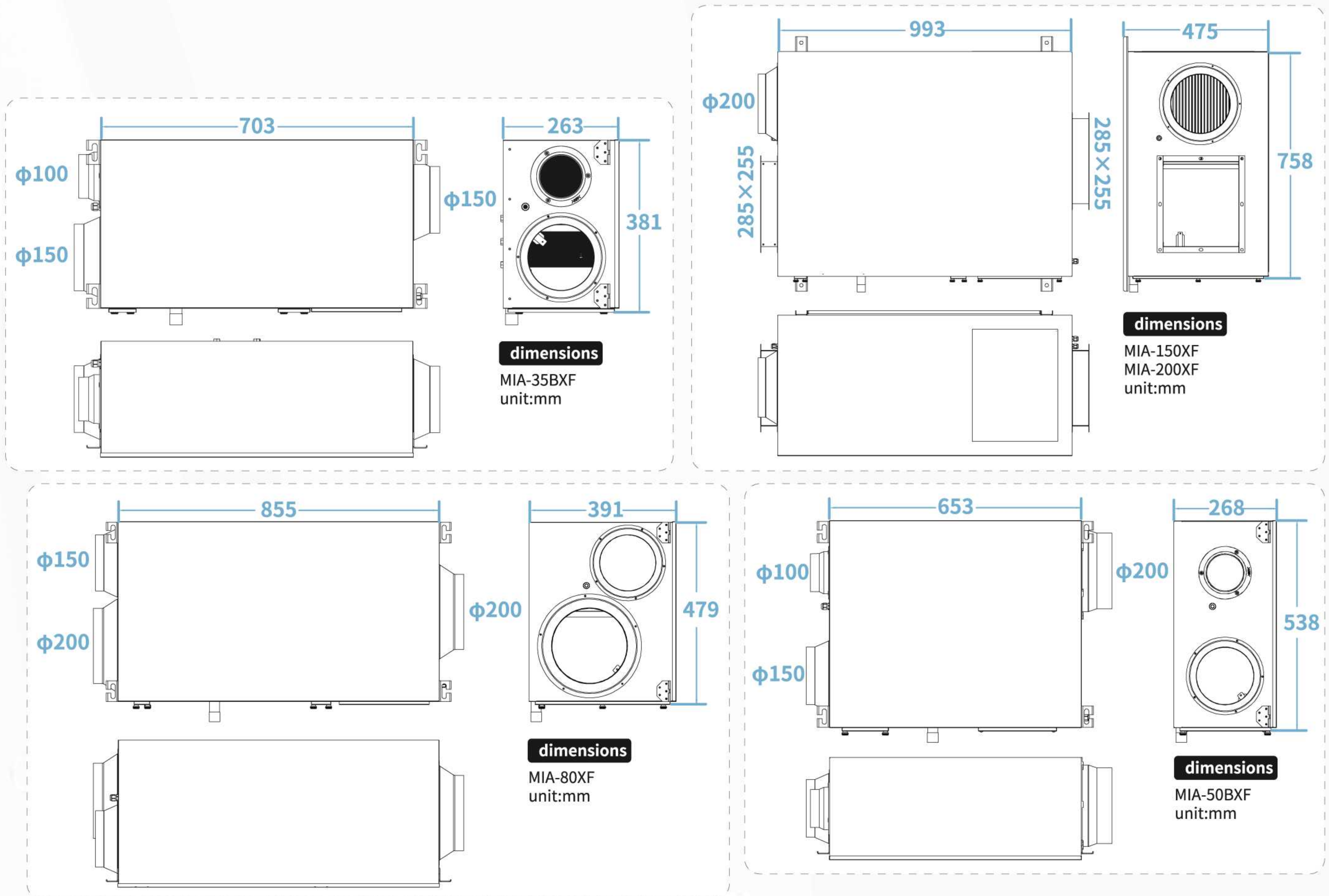
MIA-80XF



MIA-150XF/MIA-200XF



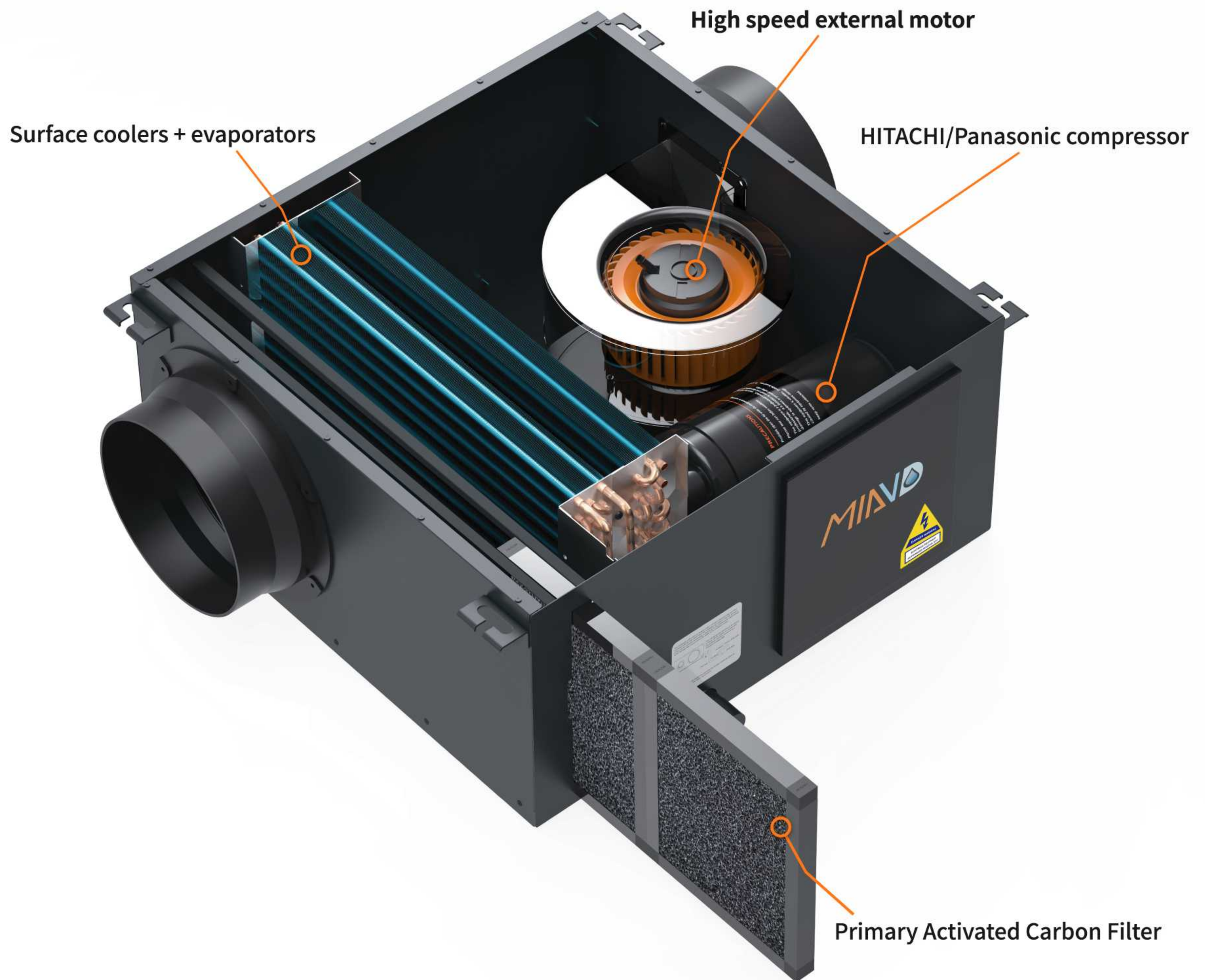
Technical Parameters



Technical Parameters

Model	Voltage	Power	Volume	Pressure	Dehumidification	Applicable area	Air volume	External Dimensions	Weight	dB(A)
MIA-35BXF	220V	380W	350m ³ /h	185Pa	35L/D	30~60m ²	0~150m ³ /h	703×381×263mm	30kg	47
MIA-50BXF	220V	585W	500m ³ /h	220Pa	60L/D	60~100m ²	0~180m ³ /h	653×538×268mm	40kg	49
MIA-80XF	220V	960W	800m ³ /h	165Pa	85L/D	100~180m ²	0~250m ³ /h	855×479×391mm	54kg	50
MIA-150XF	220V	2400W	1500m ³ /h	170Pa	200L/D	300~500m ²	0~500m ³ /h	993×758×475mm	80kg	52
MIA-200XF	220V	2486W	2000m ³ /h	185Pa	220L/D	400~600m ²	0~650m ³ /h	993×758×475mm	83kg	53

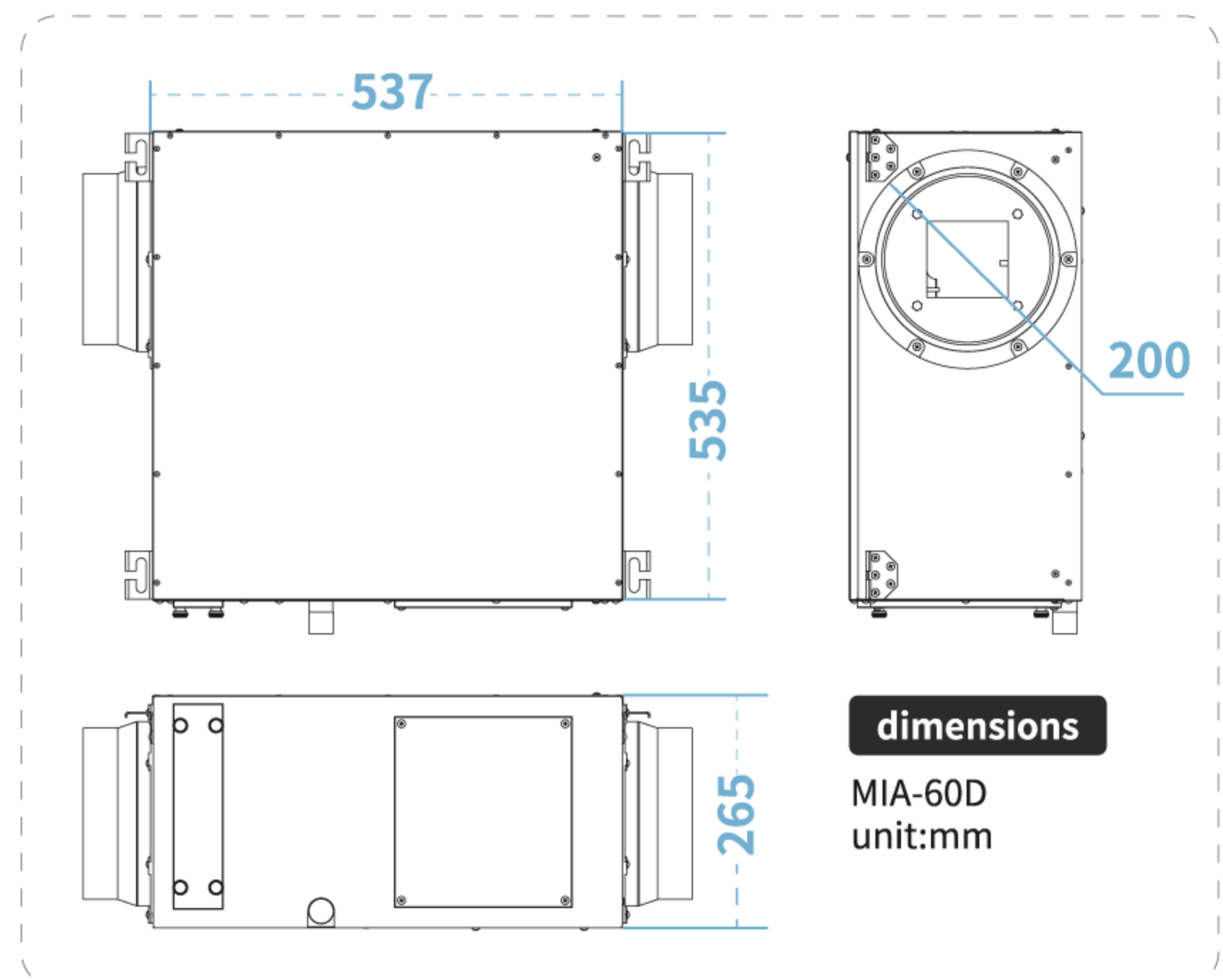
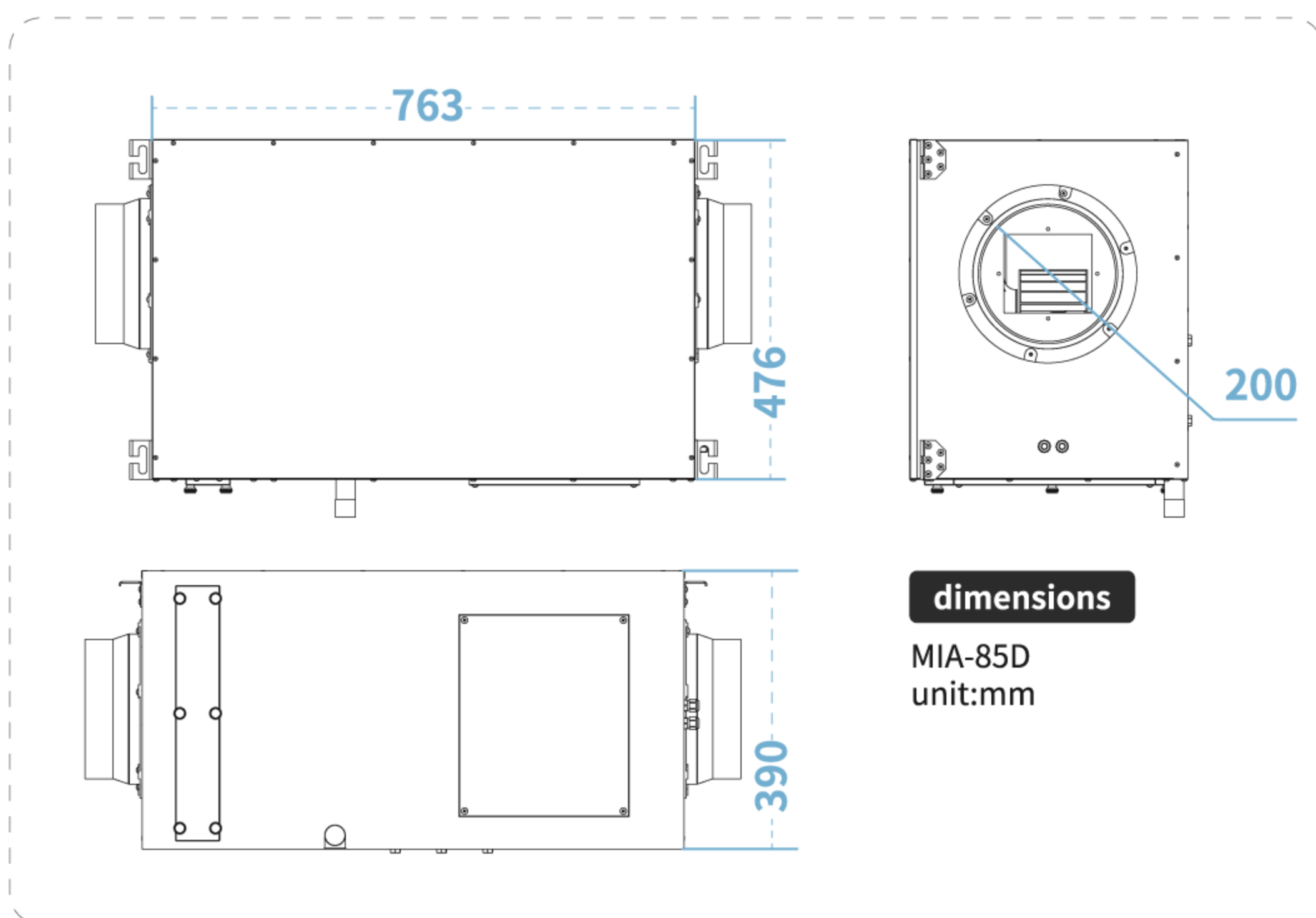
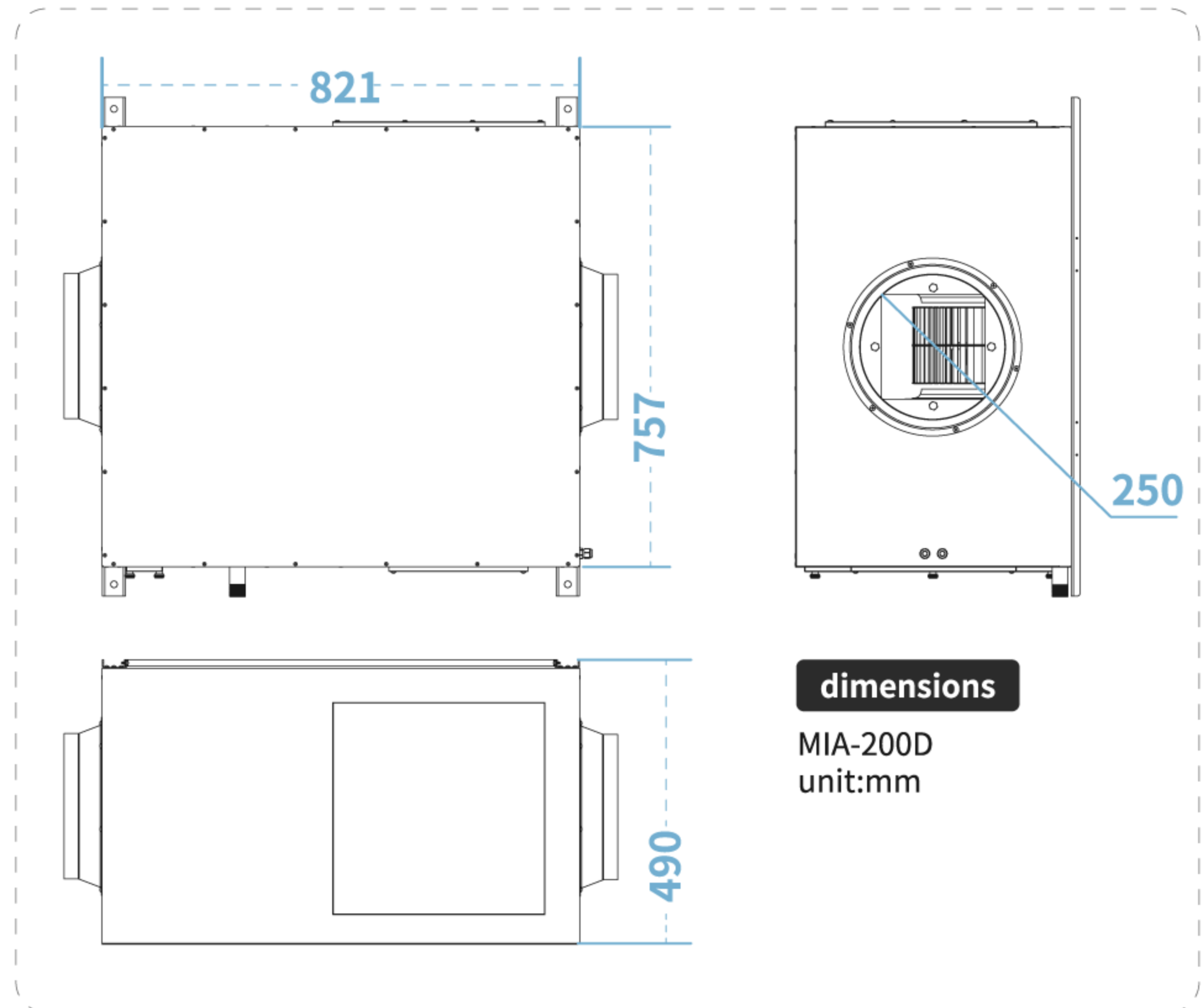
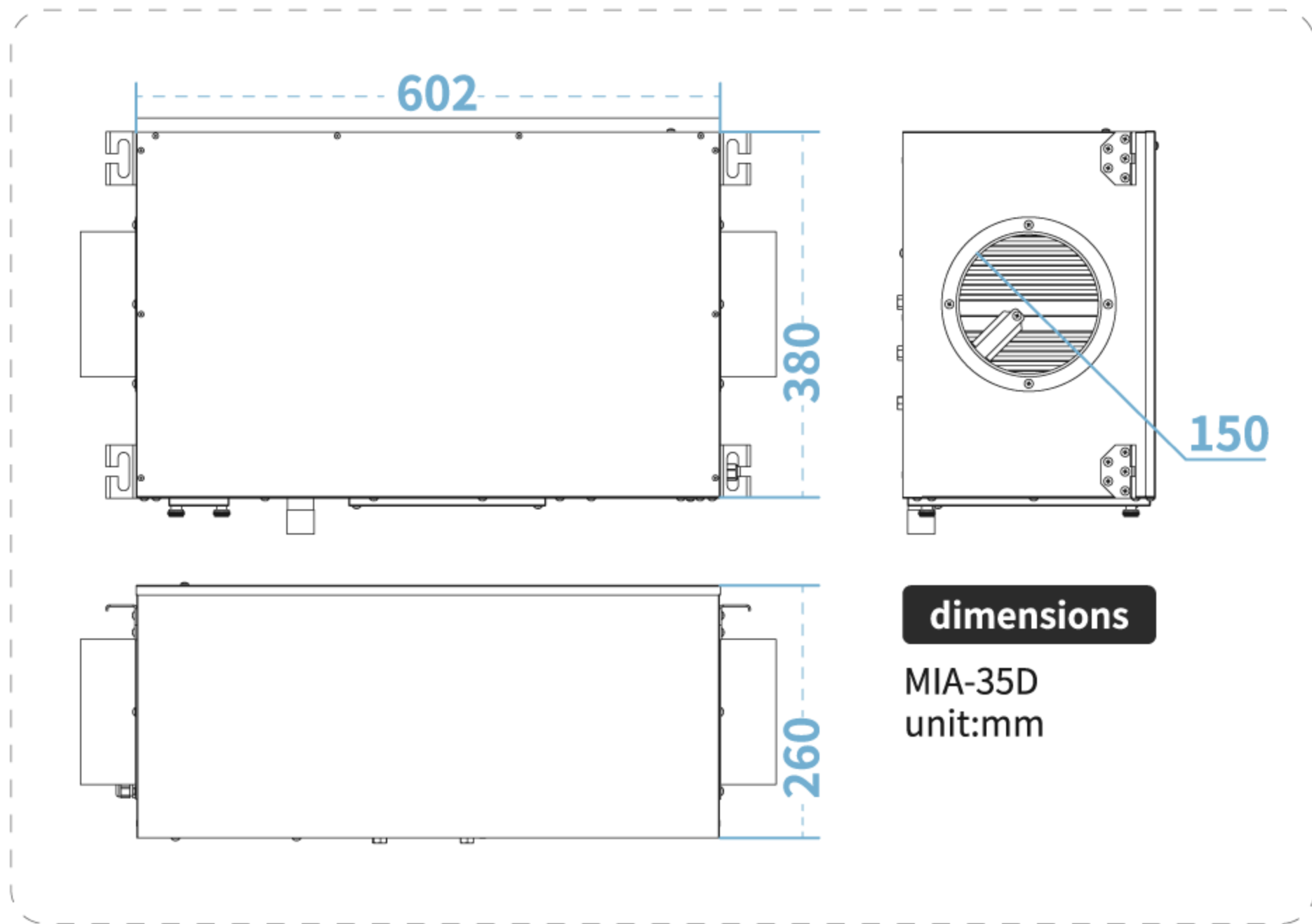
Exploded Views



The figure above is a schematic diagram of the structure, which is subject to the actual object.



Technical Parameters



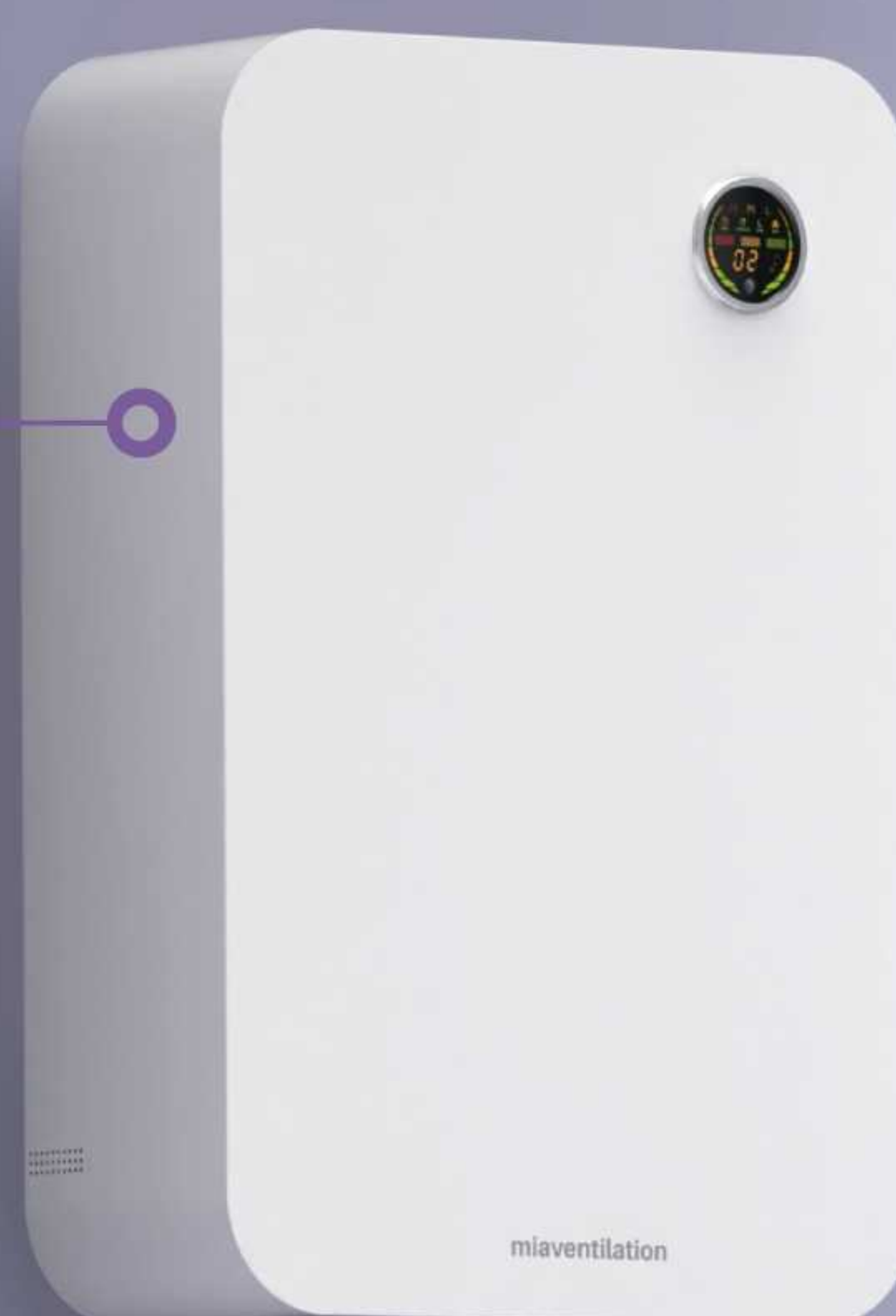
Technical Parameters

Model	Voltage	Power	Dehumidification	dB(A)	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-35D	220V	290W	35L/D	43	602	380	260	150	22kg
MIA-60D	220V	420W	60L/D	46	537	535	265	200	31kg
MIA-85D	220V	822W	85L/D	47	763	476	390	200	39kg
MIA-200D	220V	2335W	200L/D	51	821	757	490	250	62kg

Wall-mounted Ventilation

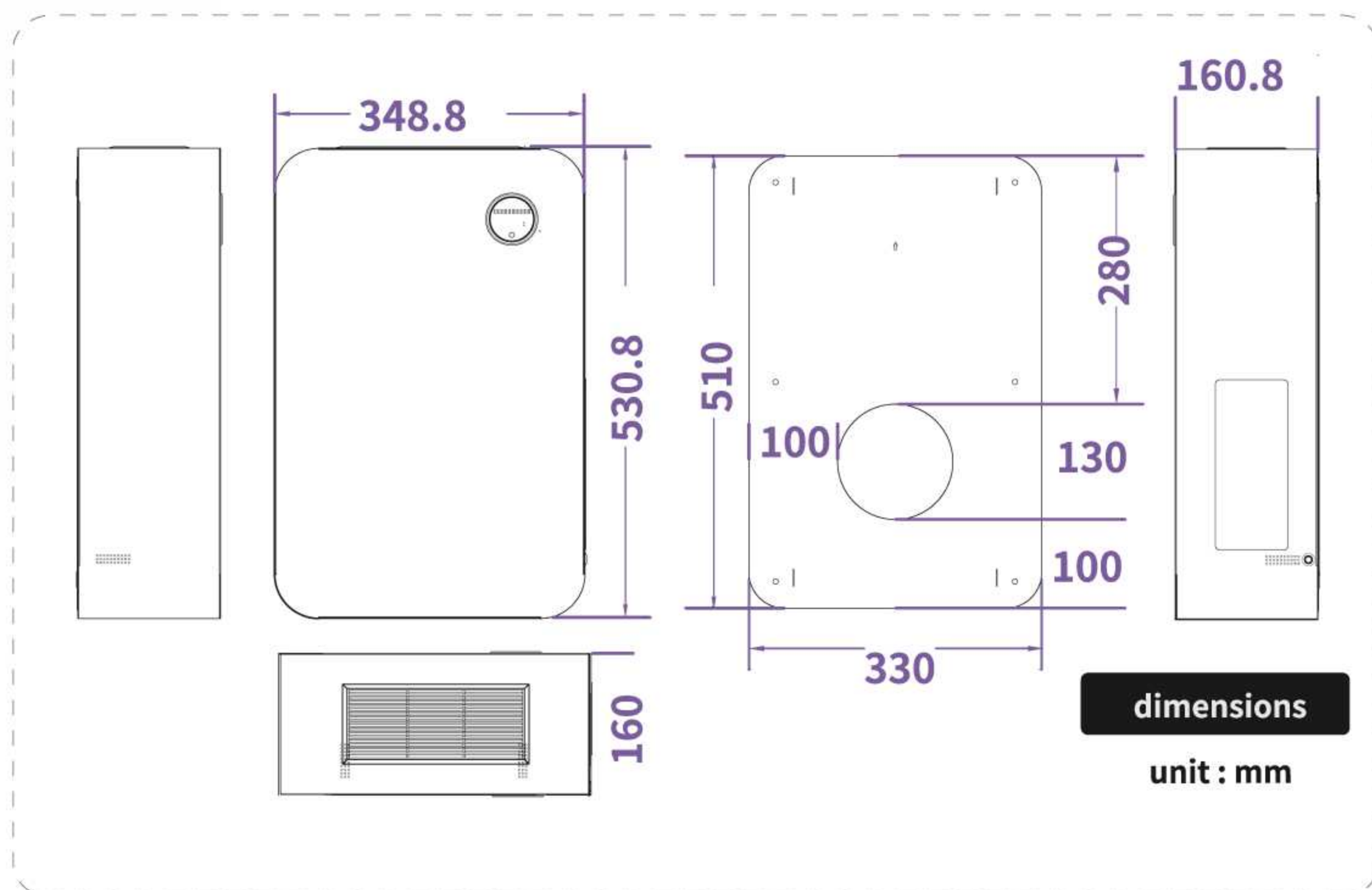
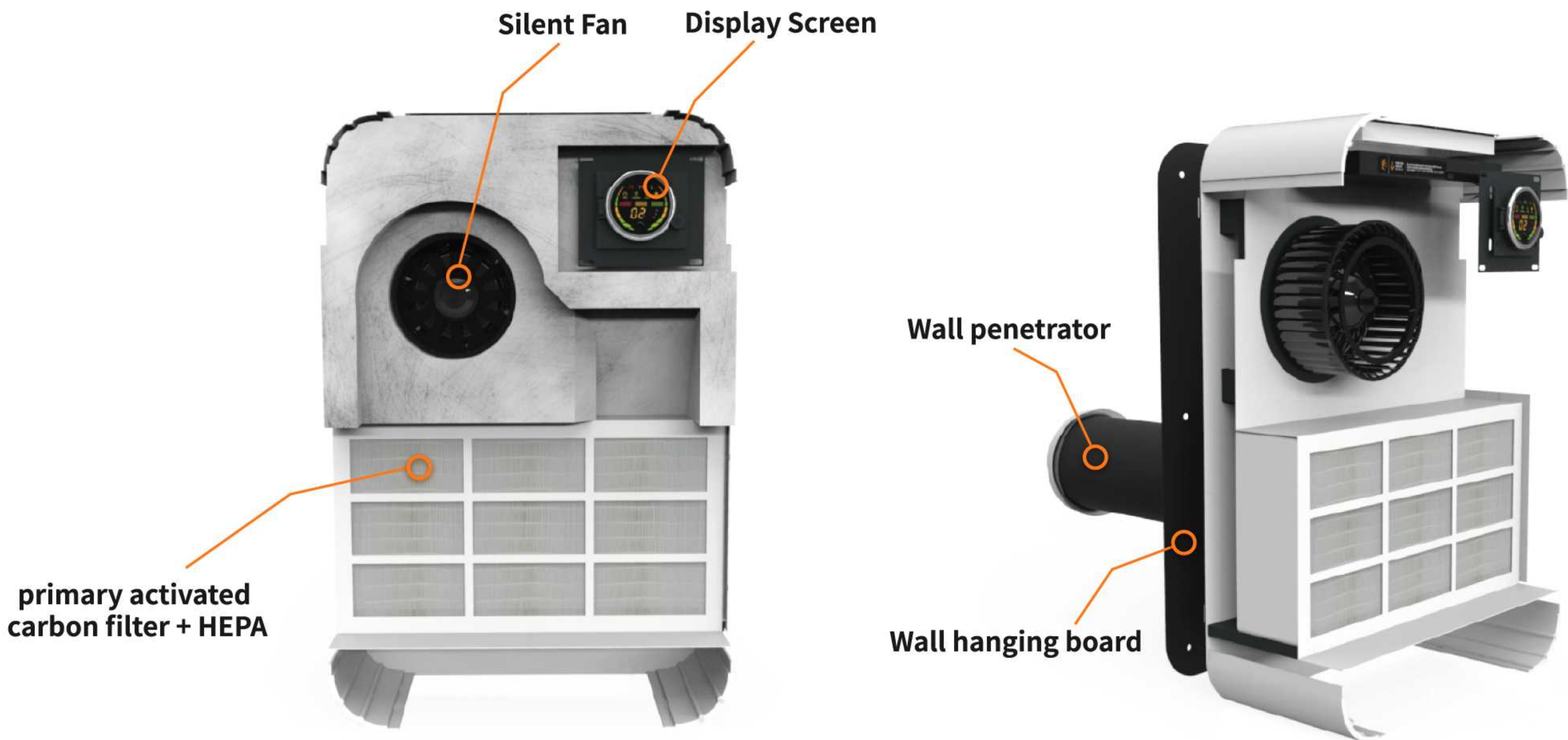
Wall-mounted single-flow air supplying fan

Wall-mounted
single-flow



model: MIA-MS200B
voltage: 220V
power: 28W
volume: 200m³/h
noise: 22~28dB(A)
size: 350×530×160mm
Φd: 100mm
weight: 12kg

Exploded Views & Dimension



The figure above is a schematic diagram of the structure, which is subject to the actual object.

May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

Wall-mounted ERV & Wall-mounted single-flow air supplying fan

The figure above is a schematic diagram of the structure, which is subject to the actual object.

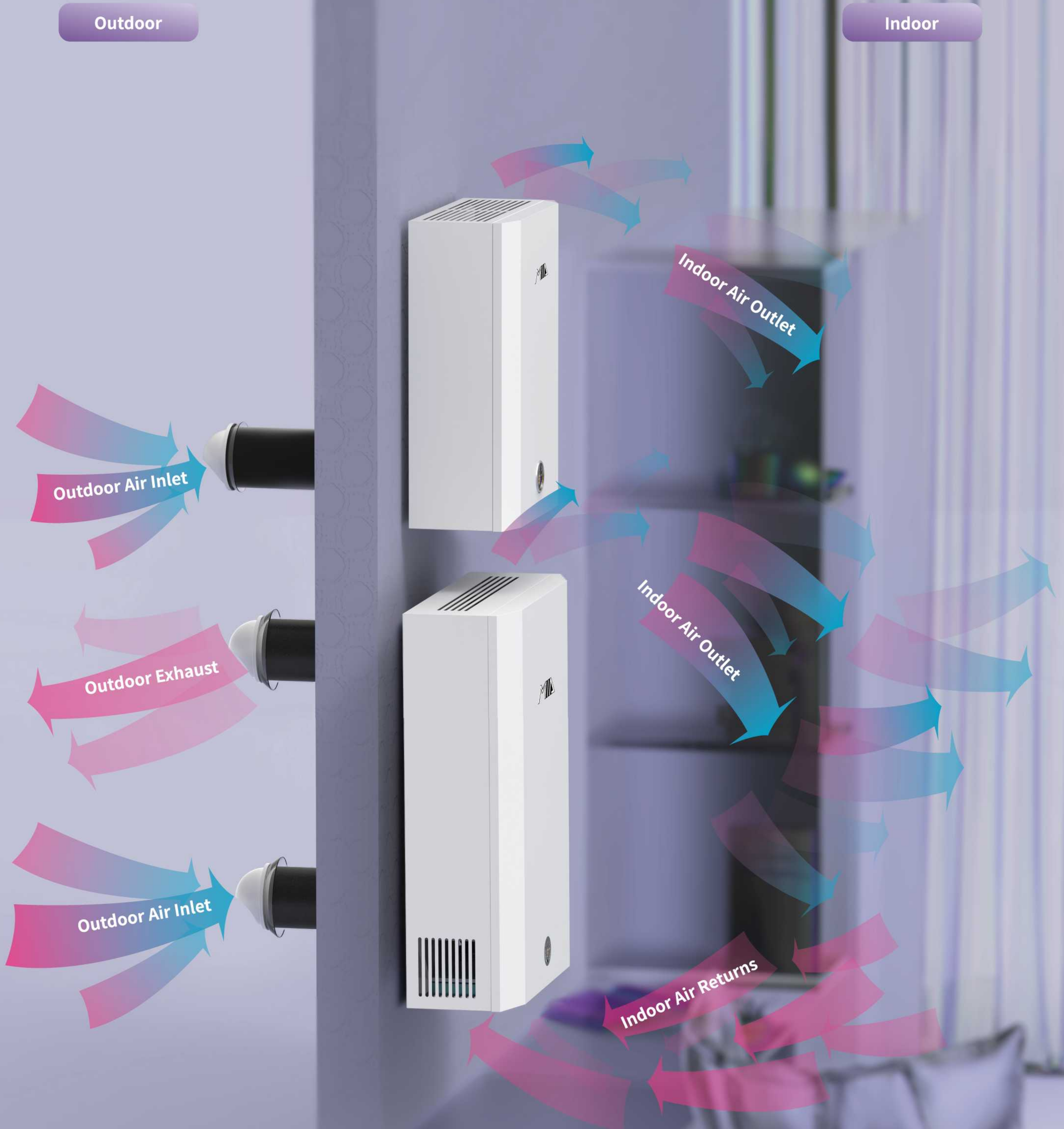
Wall-mounted
single-flow
MIA-S200BGL
MIA-S200BJD

Wall-mounted
ERV
MIA-AHE/BGL
MIA-AHE/BJD

Model	Voltage	Power	Volume	Efficiency	Noise	External Dimensions			Weight	
						a(mm)	b(mm)	h(mm)		
MIA-AHE/BGL	220V	48W	180m ³ /h	92.5%~94%	22dB(A)	506.3	196.5	702.1	100	21kg
MIA-AHE/BJD	220V	48W	180m ³ /h	92.5%~94%	22dB(A)	506.3	196.5	702.1	100	21kg
MIA-S200BGL	220V	28W	200m ³ /h	/	28dB(A)	402	190	547	100	16kg
MIA-S200BJD	220V	28W	200m ³ /h	/	28dB(A)	402	190	547	100	16kg

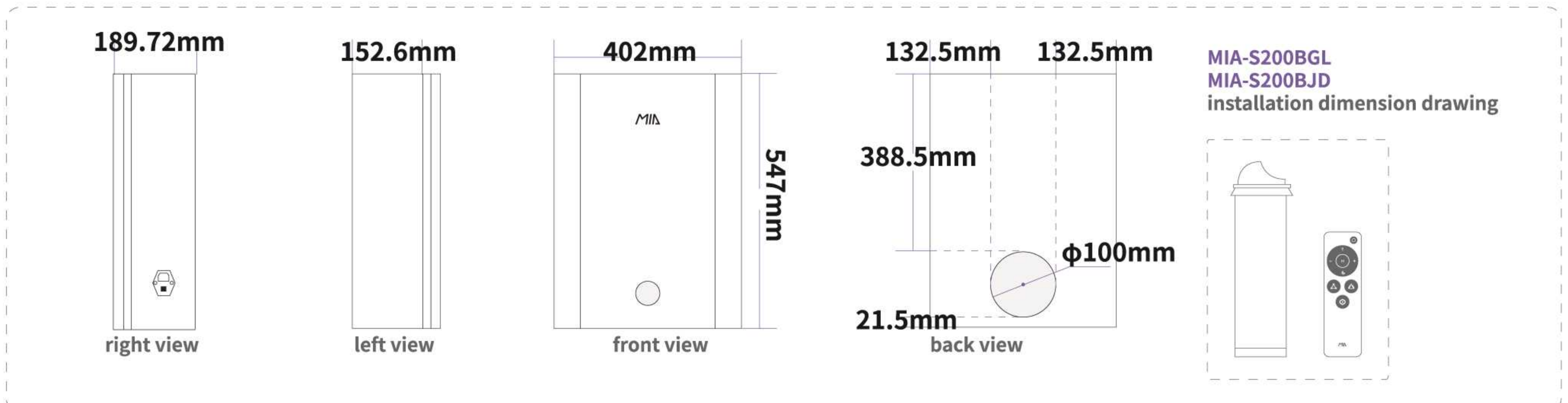
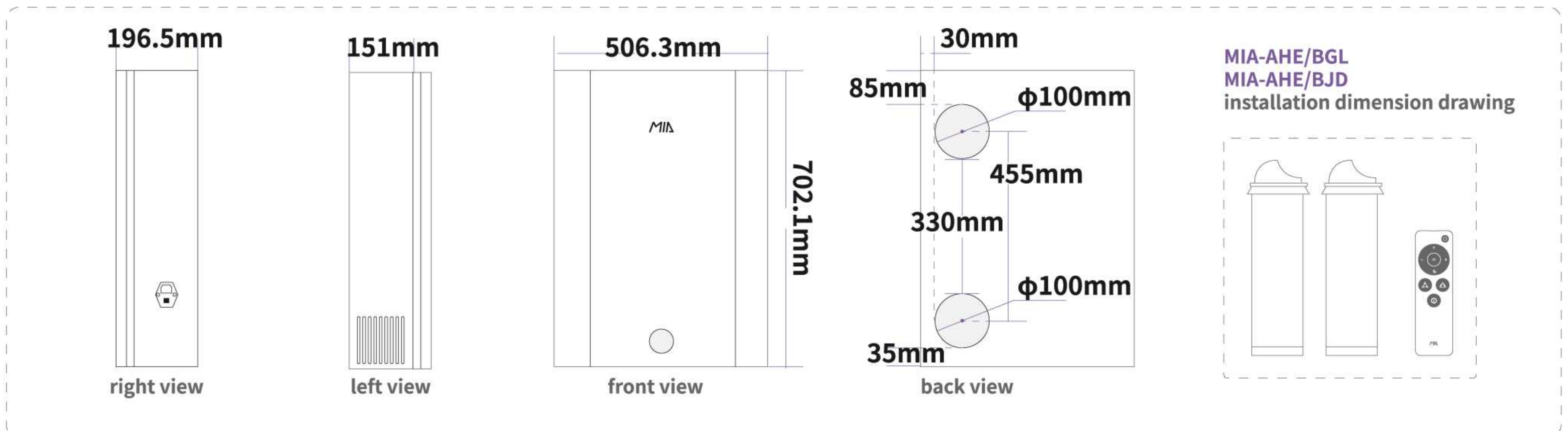
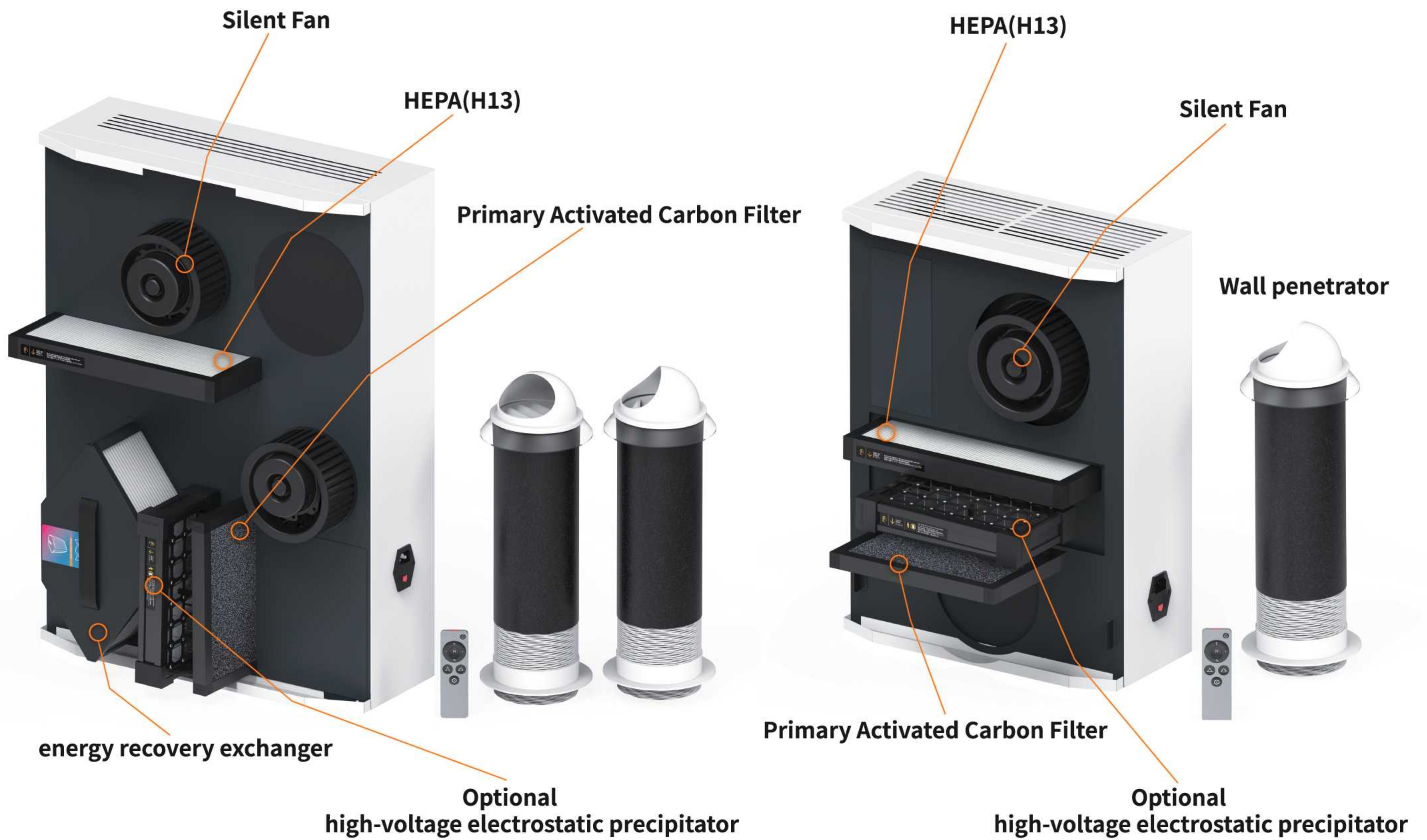
Installation Diagram

The figure above is a schematic diagram of the structure, which is subject to the actual object.



Exploded Views & Dimension

The figure above is a schematic diagram of the structure, which is subject to the actual object.



Floor-standing ERV

Washable PSY high thermal conductivity of molecular material energy recovery exchanger

European standard H13 high efficiency $\geq 99.97\%$

Inner loop, fast purification mode

Turn on Bypass mode, to close the heat exchanger function.

Optional function : UV disinfection

Optional function : Electric heating

Optional : High-voltage Electrostatic Precipitator



The figure above is a schematic diagram of the structure, which is subject to the actual object.
May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

Installation Diagram

Outdoor

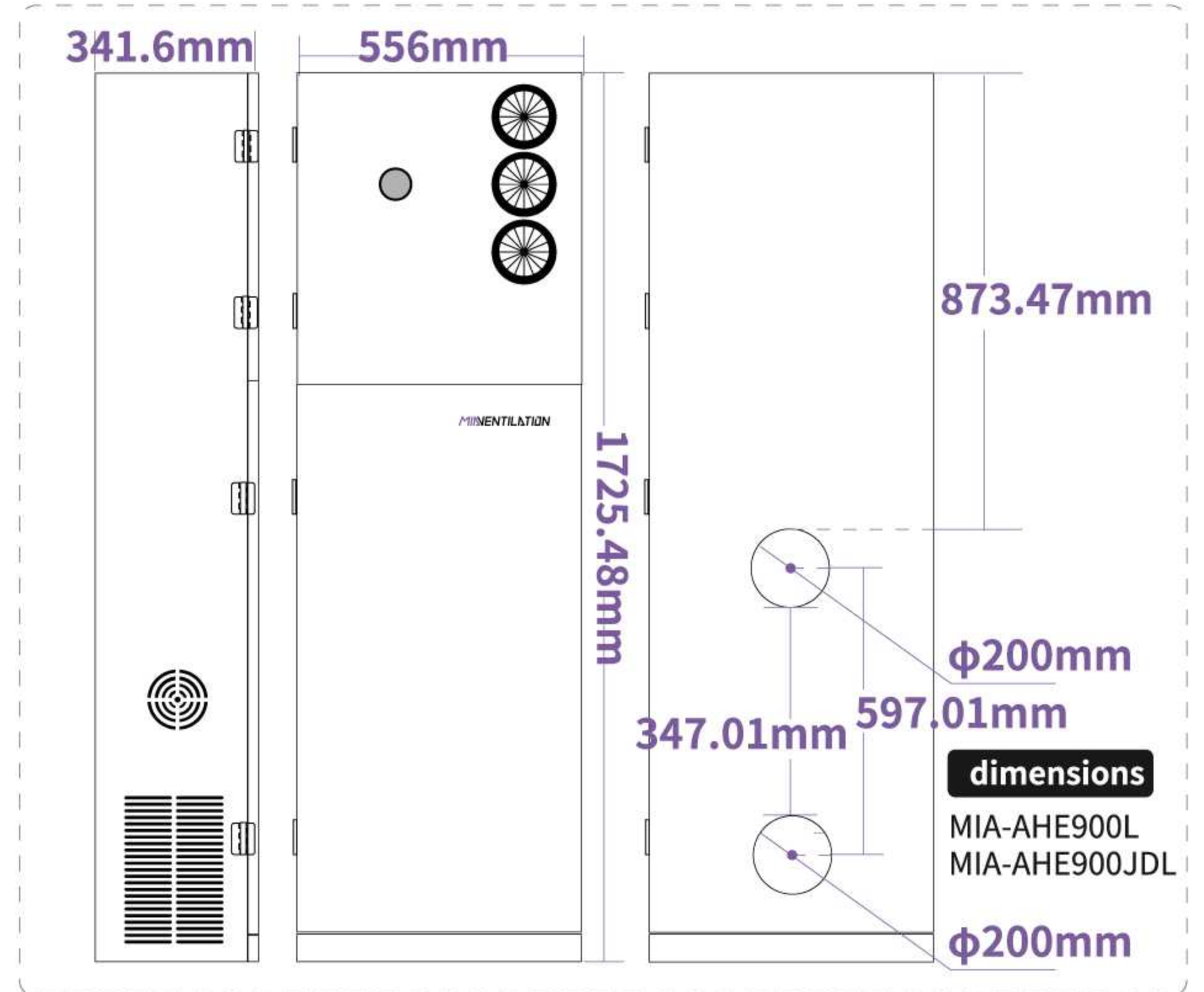
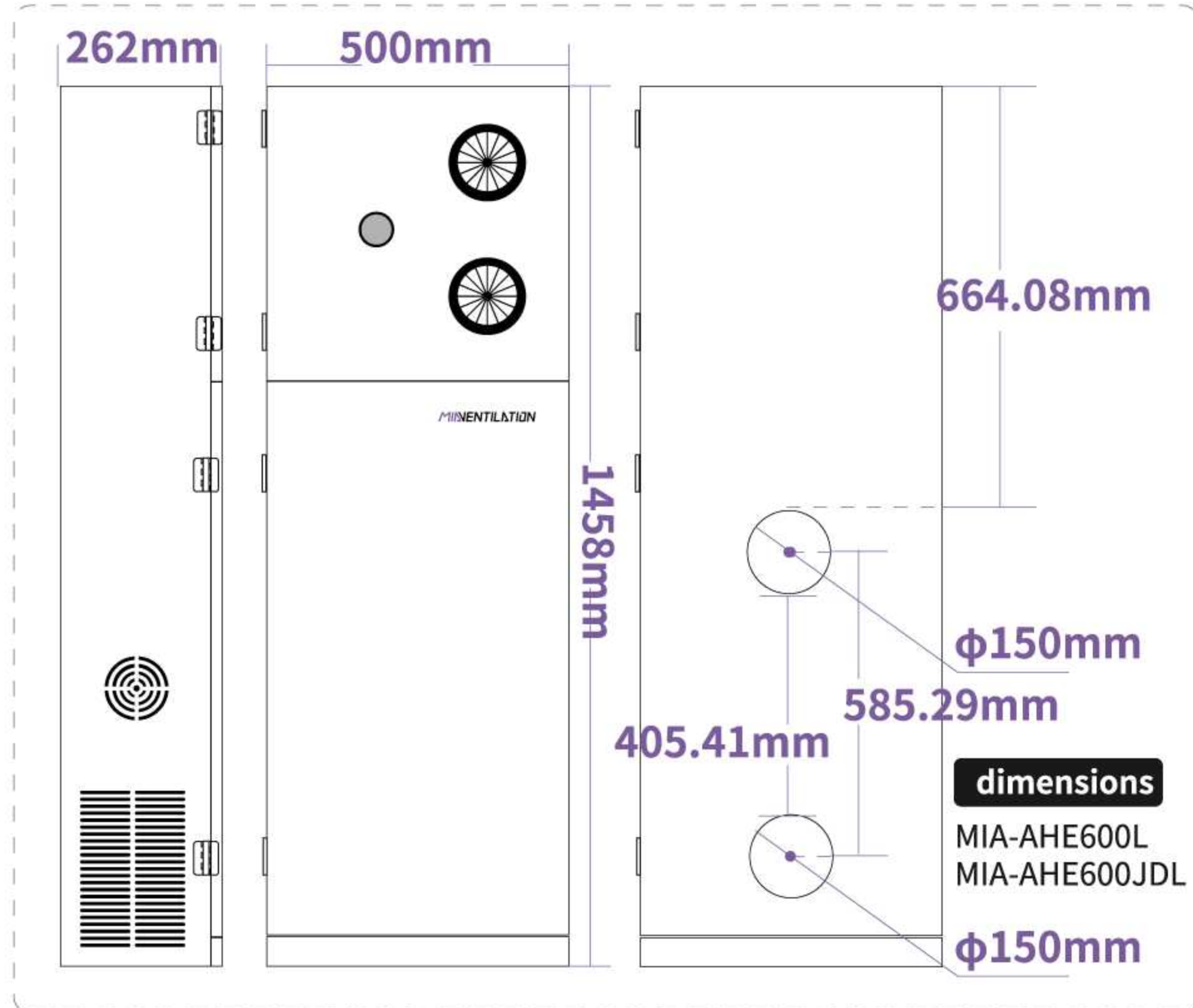
Indoor



The figure above is a schematic diagram of the structure, which is subject to the actual object.

May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

Technical Parameters



External Dimensions

Model	Voltage	Power	Volume	Efficiency	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-AHE600L	220V	162W	600m ³ /h	88.3%~91.5%	37dB(A)	500	262	1458	150	48.5kg
MIA-AHE600JDL	220V	162W	600m ³ /h	88.3%~91.5%	37dB(A)	500	262	1458	150	48.5kg
MIA-AHE900L	220V	192W	900m ³ /h	86.6%~90.5%	39dB(A)	556	341.6	1725.48	200	66.5kg
MIA-AHE900JDL	220V	192W	900m ³ /h	86.6%~90.5%	39dB(A)	556	341.6	1725.48	200	66.5kg

name	filter
MIA-AHE600L/MIA-AHE900L	
MIA-AHE600JDL/MIA-AHE900JDL	

Double Flow Ventilation

Commercial Double Flow Ventilation (150m³/h ~ 12000m³/h)



The figure above is a schematic diagram of the structure, which is subject to the actual object.
May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

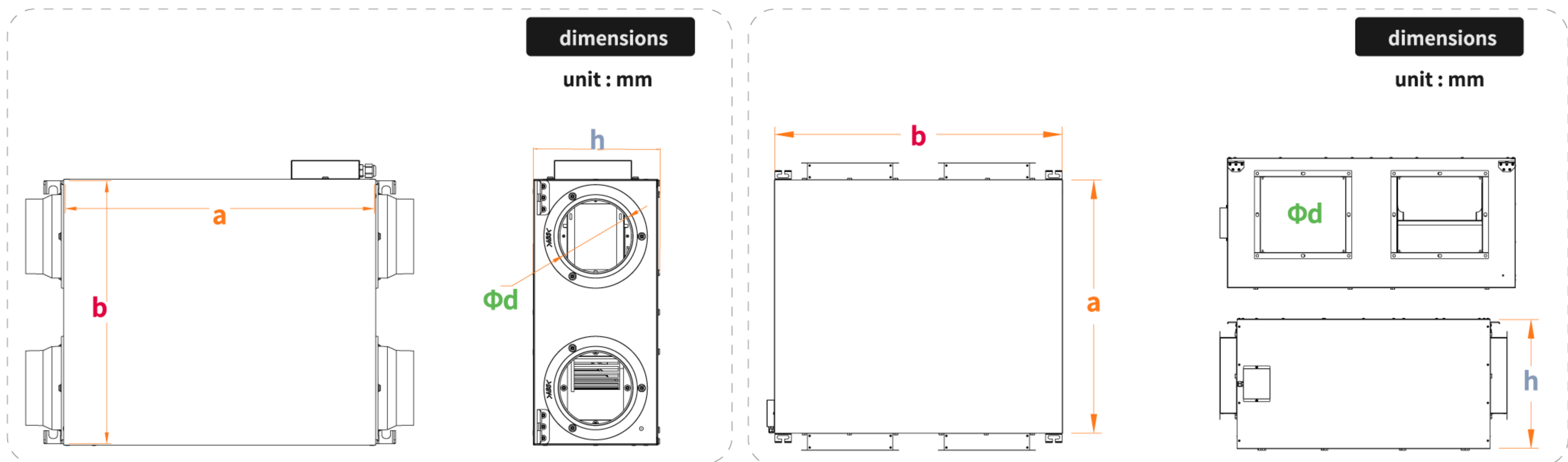
Exploded Views



The figure above is a schematic diagram of the structure, which is subject to the actual object.

Intelligent Control: Models below 8500m³/h use 220V power 3-speed fan, optional intelligent controller.

Technical Parameters



AC Motor

External Dimensions

Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-15SXL	220V	70W	150m ³ /h	115Pa	26dB(A)	411	350	165	100	7.6kg
MIA-25SXL	220V	78W	250m ³ /h	132Pa	28dB(A)	543	470	181	125	11.4kg
MIA-35SXL	220V	88W	350m ³ /h	140Pa	29dB(A)	520	460	255	150	13.2kg
MIA-50SXL	220V	120W	500m ³ /h	160Pa	30dB(A)	678	570	260	150	17.6kg
MIA-80SXL	220V	180W	800m ³ /h	160Pa	36dB(A)	700	700	333	200	24kg
MIA-100SXL	220V	260W	1000m ³ /h	170Pa	36dB(A)	700	700	333	200	24kg
MIA-130SXL	220V	260W	1300m ³ /h	170Pa	38dB(A)	700	700	333	200	24.2kg
MIA-150SXL	220V	285W	1500m ³ /h	175Pa	44dB(A)	700	700	333	200	24.2kg
MIA-170SXL	220V	310W	1700m ³ /h	180Pa	46dB(A)	700	700	333	200	24.5kg
MIA-200SXL	220V	330W	2000m ³ /h	205Pa	48dB(A)	730	697	331	250	31.7kg
MIA-250SXL	220V	360W	2500m ³ /h	260Pa	51dB(A)	730	697	331	250	32kg
MIA-300SXL	220V	480W	3000m ³ /h	260Pa	52dB(A)	750	844	381	250	37.6kg
MIA-350SXL	220V	560W	3500m ³ /h	265Pa	55dB(A)	750	844	381	250	37.6kg
MIA-400SXL	220V	600W	4000m ³ /h	280Pa	57dB(A)	850	968	435	286X255	53kg
MIA-450SXL	220V	780W	4500m ³ /h	285Pa	61dB(A)	850	968	435	286X255	53kg
MIA-500SXL	220V	900W	5000m ³ /h	320Pa	64dB(A)	950	1034	463	295X260	56kg
MIA-550SXL	220V	980W	5500m ³ /h	320Pa	64dB(A)	950	1034	463	295X260	56kg
MIA-600SXL	220V	1100W	6000m ³ /h	330Pa	65dB(A)	1000	1052	542	328X289	60.5kg
MIA-650SXL	220V	1580W	6500m ³ /h	330Pa	66dB(A)	1000	1052	542	328X289	60.5kg
MIA-700SXL	220V	1800W	7000m ³ /h	340Pa	68dB(A)	1000	1052	542	328X289	60.8kg
MIA-750SXL	220V	1960W	7500m ³ /h	340Pa	69dB(A)	1000	1052	542	328X289	60.8kg
MIA-800SXL	220V	2600W	8000m ³ /h	345Pa	71dB(A)	1000	1052	542	328X289	61kg
MIA-850SXL	220V	3200W	8500m ³ /h	345Pa	72dB(A)	1000	1052	542	328X289	61kg
MIA-1000SXL	380V	5800W	10000m ³ /h	380Pa	75dB(A)	1560	1578	933	421X314	/

May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

Technical Parameters

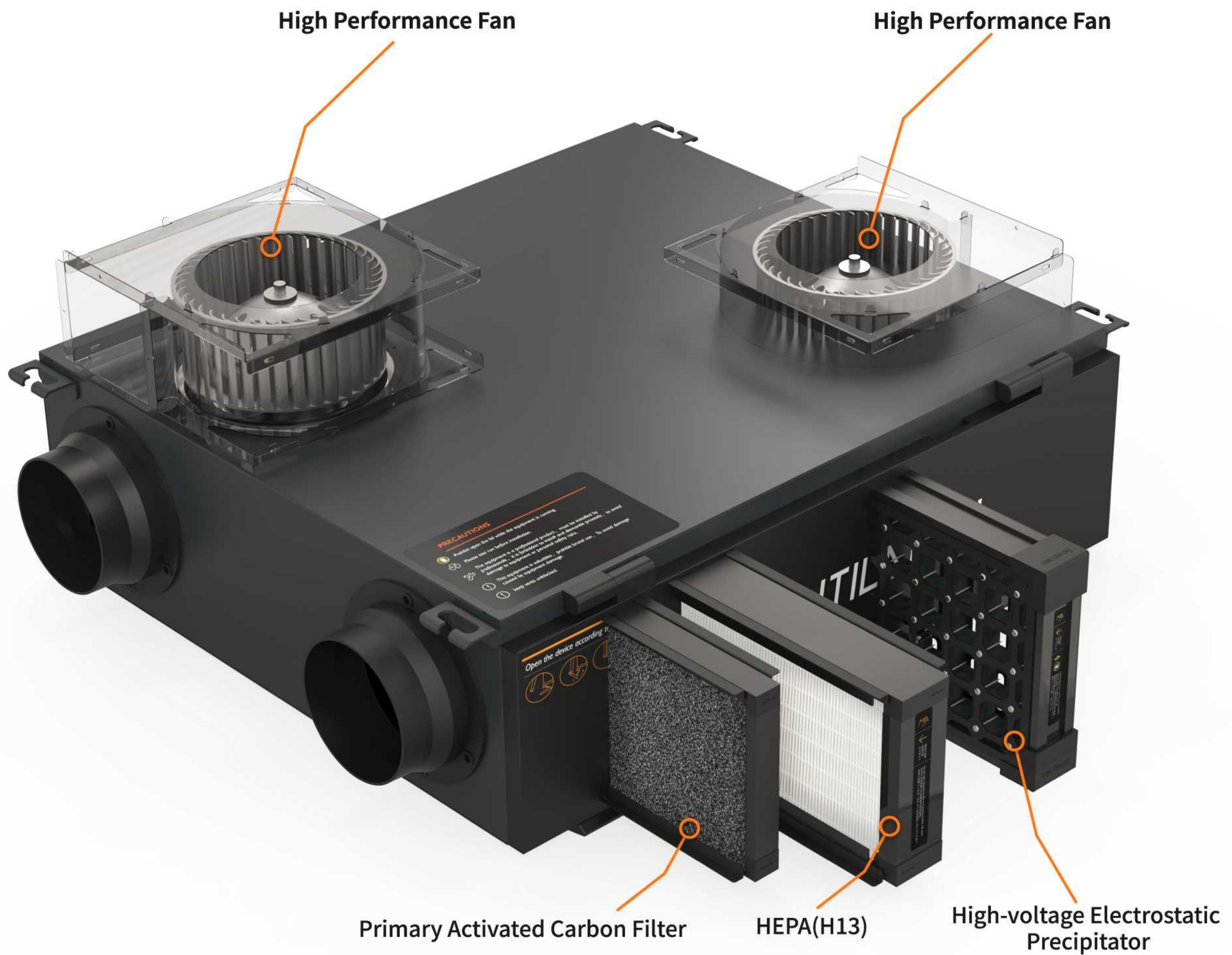
DC Motor						External Dimensions				
Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-170SXL/C	220V	268W	1700m ³ /h	226Pa	46dB(A)	730	697	331	250	31.7kg
MIA-200SXL/C	220V	276W	2000m ³ /h	262Pa	48dB(A)	730	697	331	250	31.7kg
MIA-220SXL/C	220V	282W	2200m ³ /h	266Pa	49dB(A)	730	697	331	250	31.7kg
MIA-250SXL/C	220V	310W	2500m ³ /h	315Pa	51dB(A)	730	697	331	250	32kg
MIA-300SXL/C	220V	378W	3000m ³ /h	315Pa	52dB(A)	750	844	381	250	37.6kg
MIA-350SXL/C	220V	450W	3500m ³ /h	320Pa	55dB(A)	750	844	381	250	37.6kg
MIA-400SXL/C	220V	512W	4000m ³ /h	360Pa	57dB(A)	850	968	435	286X255	53kg
MIA-450SXL/C	220V	648W	4500m ³ /h	360Pa	61dB(A)	850	968	435	286X255	53kg
MIA-500SXL/C	220V	783W	5000m ³ /h	410Pa	64dB(A)	950	1034	463	295X260	56kg
MIA-550SXL/C	220V	828W	5500m ³ /h	410Pa	64dB(A)	950	1034	463	295X260	56kg
MIA-600SXL/C	220V	960W	6000m ³ /h	390Pa	65dB(A)	1000	1052	542	328X289	60.5kg
MIA-650SXL/C	220V	1035W	6500m ³ /h	390Pa	66dB(A)	1000	1052	542	328X289	60.5kg
MIA-700SXL/C	220V	1315W	7000m ³ /h	400Pa	68dB(A)	1000	1052	542	328X289	60.8kg
MIA-750SXL/C	220V	1415W	7500m ³ /h	400Pa	69dB(A)	1000	1052	542	328X289	60.8kg
MIA-800SXL/C	220V	1512W	8000m ³ /h	405Pa	71dB(A)	1000	1052	542	328X289	61kg
MIA-850SXL/C	220V	1600W	8500m ³ /h	405Pa	72dB(A)	1000	1052	542	328X289	61kg

Purified Double Flow Ventilation

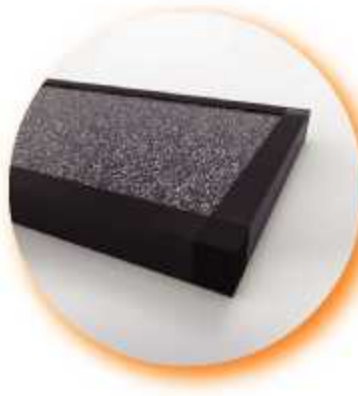


The figure above is a schematic diagram of the structure, which is subject to the actual object.
May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

Exploded Views



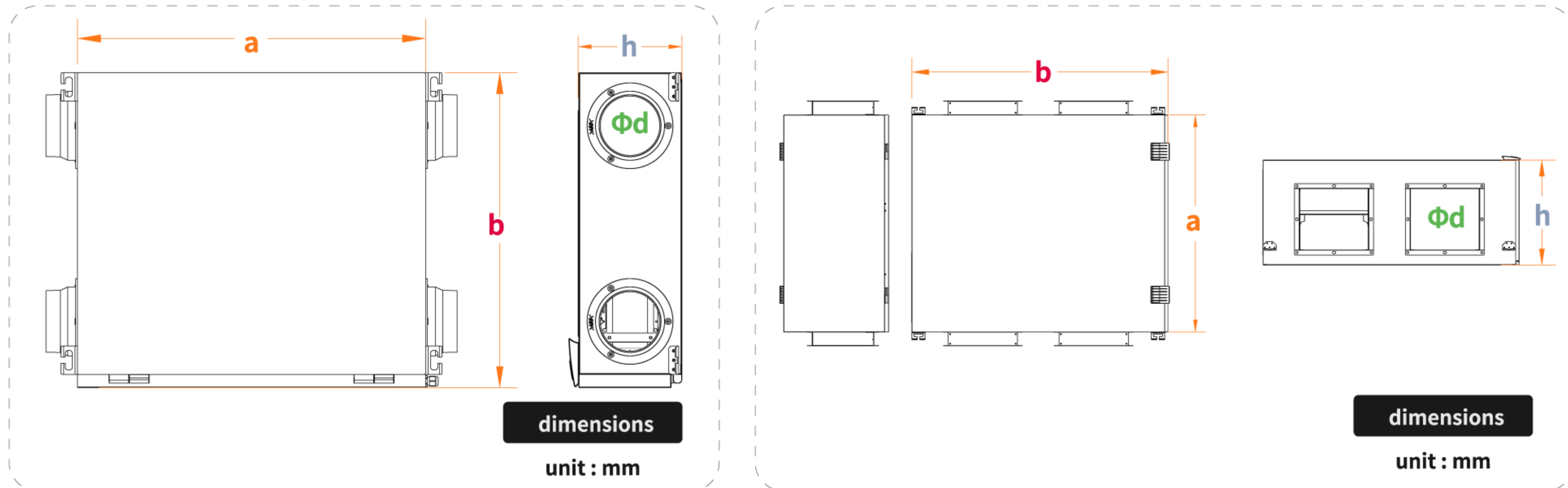
The figure above is a schematic diagram of the structure, which is subject to the actual object.

name	model	filter
Double-flow ventilation with Multiple Filters	MIA-GL· SXL	 
Double-flow ventilation with High-voltage Electrostatic Precipitator	MIA-JD· SXL	  

Intelligent Control: Models below 8500m³/h use 220V power 3-speed fan, optional intelligent controller.

Pure Air: European standard H13 high efficiency $\geq 99.97\%$

Technical Parameters



AC Motor

External Dimensions

Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd (mm)	Weight
MIA-GL15SXL	220V	73W	150m ³ /h	115Pa	26dB(A)	552	493	164	100	10.5kg
MIA-JD15SXL	220V	73W	150m ³ /h	115Pa	26dB(A)	552	493	164	100	10.5kg
MIA-GL25SXL	220V	82W	250m ³ /h	132Pa	28dB(A)	652	545	182	125	15kg
MIA-JD25SXL	220V	82W	250m ³ /h	132Pa	28dB(A)	652	545	182	125	15kg
MIA-GL35SXL	220V	96W	350m ³ /h	140Pa	29dB(A)	650	564	256	150	17kg
MIA-JD35SXL	220V	96W	350m ³ /h	140Pa	29dB(A)	650	564	256	150	17kg
MIA-GL50SXL	220V	128W	500m ³ /h	160Pa	30dB(A)	800	714	260	150	22kg
MIA-JD50SXL	220V	128W	500m ³ /h	160Pa	30dB(A)	800	714	260	150	22kg
MIA-GL80SXL	220V	188W	800m ³ /h	160Pa	36dB(A)	800	796	332	200	28.5kg
MIA-JD80SXL	220V	188W	800m ³ /h	160Pa	36dB(A)	800	796	332	200	28.5kg
MIA-GL100SXL	220V	266W	1000m ³ /h	170Pa	36dB(A)	800	796	332	200	29kg
MIA-JD100SXL	220V	266W	1000m ³ /h	170Pa	36dB(A)	800	796	332	200	29kg
MIA-GL130SXL	220V	266W	1300m ³ /h	170Pa	38dB(A)	800	796	332	200	29kg
MIA-JD130SXL	220V	266W	1300m ³ /h	170Pa	38dB(A)	800	796	332	200	29kg
MIA-GL150SXL	220V	298W	1500m ³ /h	175Pa	44dB(A)	800	796	332	200	29kg
MIA-JD150SXL	220V	298W	1500m ³ /h	175Pa	44dB(A)	800	796	332	200	29kg
MIA-GL170SXL	220V	315W	1700m ³ /h	180Pa	46dB(A)	800	796	332	200	29.5kg
MIA-JD170SXL	220V	315W	1700m ³ /h	180Pa	46dB(A)	800	796	332	200	29.5kg
MIA-GL200SXL	220V	335W	2000m ³ /h	205Pa	48dB(A)	850	746	332	250	38.5kg

Technical Parameters

AC Motor						External Dimensions				
Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-JD200SXL	220V	335W	2000m ³ /h	205Pa	48dB(A)	850	746	332	250	38.5kg
MIA-GL220SXL	220V	352W	2200m ³ /h	210Pa	49dB(A)	850	746	332	250	38.8kg
MIA-JD220SXL	220V	352W	2200m ³ /h	210Pa	49dB(A)	850	746	332	250	38.8kg
MIA-GL250SXL	220V	420W	2500m ³ /h	260Pa	51dB(A)	850	746	332	250	39kg
MIA-JD250SXL	220V	420W	2500m ³ /h	260Pa	51dB(A)	850	746	332	250	39kg
MIA-GL300SXL	220V	510W	3000m ³ /h	260Pa	52dB(A)	850	903	380	250	44kg
MIA-JD300SXL	220V	510W	3000m ³ /h	260Pa	52dB(A)	850	903	380	250	44kg
MIA-GL350SXL	220V	580W	3500m ³ /h	265Pa	55dB(A)	850	903	380	250	44kg
MIA-JD350SXL	220V	580W	3500m ³ /h	265Pa	55dB(A)	850	903	380	250	44kg
MIA-GL400SXL	220V	710W	4000m ³ /h	280Pa	57dB(A)	900	1062	435	286X255	62kg
MIA-JD400SXL	220V	710W	4000m ³ /h	280Pa	57dB(A)	900	1062	435	286X255	62kg
MIA-GL450SXL	220V	820W	4500m ³ /h	285Pa	61dB(A)	900	1062	435	286X255	62kg
MIA-JD450SXL	220V	820W	4500m ³ /h	285Pa	61dB(A)	900	1062	435	286X255	62kg
MIA-GL500SXL	220V	920W	5000m ³ /h	320Pa	64dB(A)	1000	1048	465	295X260	68kg
MIA-JD500SXL	220V	920W	5000m ³ /h	320Pa	64dB(A)	1000	1048	465	295X260	68kg
MIA-GL550SXL	220V	1020W	5500m ³ /h	320Pa	64dB(A)	1000	1048	465	295X260	68kg
MIA-JD550SXL	220V	1020W	5500m ³ /h	320Pa	64dB(A)	1000	1048	465	295X260	68kg
MIA-GL600SXL	220V	1280W	6000m ³ /h	330Pa	65dB(A)	1150	1067	541	328X289	80kg
MIA-JD600SXL	220V	1280W	6000m ³ /h	330Pa	65dB(A)	1150	1067	541	328X289	80kg
MIA-GL650SXL	220V	1665W	6500m ³ /h	330Pa	66dB(A)	1150	1067	541	328X289	80kg
MIA-JD650SXL	220V	1665W	6500m ³ /h	330Pa	66dB(A)	1150	1067	541	328X289	80kg
MIA-GL700SXL	220V	2200W	7000m ³ /h	340Pa	68dB(A)	1150	1067	541	328X289	80.3kg
MIA-JD700SXL	220V	2200W	7000m ³ /h	340Pa	68dB(A)	1150	1067	541	328X289	80.3kg
MIA-GL750SXL	220V	2320W	7500m ³ /h	340Pa	69dB(A)	1150	1067	541	328X289	80.3kg
MIA-JD750SXL	220V	2320W	7500m ³ /h	340Pa	69dB(A)	1150	1067	541	328X289	80.3kg
MIA-GL800SXL	220V	3300W	8000m ³ /h	345Pa	71dB(A)	1150	1067	541	328X289	80.5kg
MIA-JD800SXL	220V	3300W	8000m ³ /h	345Pa	71dB(A)	1150	1067	541	328X289	80.5kg
MIA-GL850SXL	220V	3800W	8500m ³ /h	345Pa	72dB(A)	1150	1067	541	328X289	80.5kg
MIA-JD850SXL	220V	3800W	8500m ³ /h	345Pa	72dB(A)	1150	1067	541	328X289	80.5kg

Technical Parameters

DC Motor						External Dimensions				
Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-GL170SXL/C	220V	276W	1700m ³ /h	208Pa	46dB(A)	850	746	332	250	38kg
MIA-JD170SXL/C	220V	276W	1700m ³ /h	208Pa	46dB(A)	850	746	332	250	38kg
MIA-GL200SXL/C	220V	284W	2000m ³ /h	241Pa	48dB(A)	850	746	332	250	38.5kg
MIA-JD200SXL/C	220V	284W	2000m ³ /h	241Pa	48dB(A)	850	746	332	250	38.5kg
MIA-GL220SXL/C	220V	290W	2200m ³ /h	245Pa	49dB(A)	850	746	332	250	38.8kg
MIA-JD220SXL/C	220V	290W	2200m ³ /h	245Pa	49dB(A)	850	746	332	250	38.8kg
MIA-GL250SXL/C	220V	319W	2500m ³ /h	290Pa	51dB(A)	850	746	332	250	39kg
MIA-JD250SXL/C	220V	319W	2500m ³ /h	290Pa	51dB(A)	850	746	332	250	39kg
MIA-GL300SXL/C	220V	389W	3000m ³ /h	290Pa	52dB(A)	850	903	380	250	44kg
MIA-JD300SXL/C	220V	389W	3000m ³ /h	290Pa	52dB(A)	850	903	380	250	44kg
MIA-GL350SXL/C	220V	464W	3500m ³ /h	294Pa	55dB(A)	850	903	380	250	44kg
MIA-JD350SXL/C	220V	464W	3500m ³ /h	294Pa	55dB(A)	850	903	380	250	44kg
MIA-GL400SXL/C	220V	527W	4000m ³ /h	331Pa	57dB(A)	900	1062	435	286X255	62kg
MIA-JD400SXL/C	220V	527W	4000m ³ /h	331Pa	57dB(A)	900	1062	435	286X255	62kg
MIA-GL450SXL/C	220V	667W	4500m ³ /h	331Pa	61dB(A)	900	1062	435	286X255	62kg
MIA-JD450SXL/C	220V	667W	4500m ³ /h	331Pa	61dB(A)	900	1062	435	286X255	62kg
MIA-GL500SXL/C	220V	806W	5000m ³ /h	377Pa	64dB(A)	1000	1048	465	295X260	68kg
MIA-JD500SXL/C	220V	806W	5000m ³ /h	377Pa	64dB(A)	1000	1048	465	295X260	68kg
MIA-GL550SXL/C	220V	853W	5500m ³ /h	377Pa	64dB(A)	1000	1048	465	295X260	68kg
MIA-JD550SXL/C	220V	853W	5500m ³ /h	377Pa	64dB(A)	1000	1048	465	295X260	68kg
MIA-GL600SXL/C	220V	989W	6000m ³ /h	359Pa	65dB(A)	1150	1067	541	328X289	80kg
MIA-JD600SXL/C	220V	989W	6000m ³ /h	359Pa	65dB(A)	1150	1067	541	328X289	80kg
MIA-GL650SXL/C	220V	1066W	6500m ³ /h	359Pa	66dB(A)	1150	1067	541	328X289	80kg
MIA-JD650SXL/C	220V	1066W	6500m ³ /h	359Pa	66dB(A)	1150	1067	541	328X289	80kg
MIA-GL700SXL/C	220V	1354W	7000m ³ /h	368Pa	68dB(A)	1150	1067	541	328X289	80.3kg
MIA-JD700SXL/C	220V	1354W	7000m ³ /h	368Pa	68dB(A)	1150	1067	541	328X289	80.3kg
MIA-GL750SXL/C	220V	1457W	7500m ³ /h	368Pa	69dB(A)	1150	1067	541	328X289	80.3kg
MIA-JD750SXL/C	220V	1457W	7500m ³ /h	368Pa	69dB(A)	1150	1067	541	328X289	80.3kg
MIA-GL800SXL/C	220V	1557W	8000m ³ /h	373Pa	71dB(A)	1150	1067	541	328X289	80.5kg
MIA-JD800SXL/C	220V	1557W	8000m ³ /h	373Pa	71dB(A)	1150	1067	541	328X289	80.5kg
MIA-GL850SXL/C	220V	1648W	8500m ³ /h	373Pa	72dB(A)	1150	1067	541	328X289	80.5kg
MIA-JD850SXL/C	220V	1648W	8500m ³ /h	373Pa	72dB(A)	1150	1067	541	328X289	80.5kg

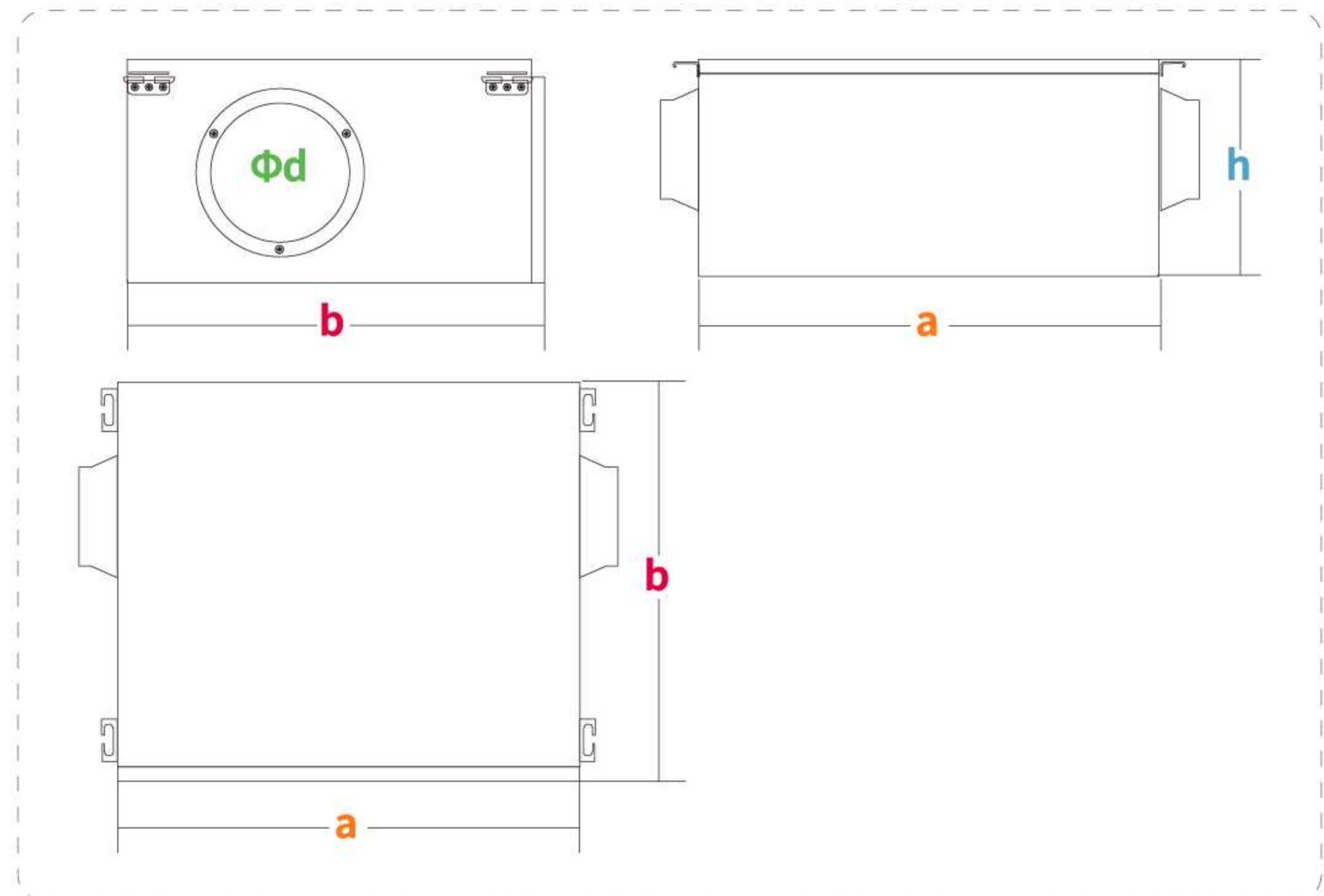
Silent Air Supply Fan

Silent Air Supply Fan



The figure above is a schematic diagram of the structure, which is subject to the actual object.
May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

Technical Parameters



AC Motor

External Dimensions

Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-15SFJ	220V	19W	150m ³ /h	115Pa	21dB(A)	290	288	160	100	4.2kg
MIA-25SFJ	220V	38W	250m ³ /h	132Pa	27dB(A)	290	288	160	100	4.3kg
MIA-35SFJ	220V	60W	350m ³ /h	140Pa	29dB(A)	313	313	196	150	9.8kg
MIA-50SFJ	220V	105W	500m ³ /h	185Pa	31dB(A)	380	380	259	150	12.6kg
MIA-80SFJ	220V	120W	800m ³ /h	225Pa	32dB(A)	418	412	343	200	17.3kg
MIA-100SFJ	220V	130W	1000m ³ /h	258Pa	40dB(A)	418	412	343	200	18.8kg
MIA-130SFJ	220V	140W	1300m ³ /h	260Pa	41dB(A)	418	412	343	200	20.3kg
MIA-150SFJ	220V	145W	1500m ³ /h	360Pa	42dB(A)	418	412	343	200	22.2kg
MIA-170SFJ	220V	165W	1700m ³ /h	405Pa	43dB(A)	418	412	343	200	23.2kg
MIA-200SFJ	220V	170W	2000m ³ /h	620Pa	45dB(A)	468	466	346	250	26.8kg
MIA-220SFJ	220V	170W	2200m ³ /h	625Pa	45dB(A)	468	466	346	250	29.1kg
MIA-250SFJ	220V	180W	2500m ³ /h	625Pa	47dB(A)	468	466	346	250	31.3kg
MIA-270SFJ	220V	205W	2700m ³ /h	630Pa	48dB(A)	480	490	382	250	33.8kg
MIA-300SFJ	220V	240W	3000m ³ /h	635Pa	51dB(A)	480	490	382	250	36.6kg
MIA-350SFJ	220V	252W	3500m ³ /h	635Pa	53dB(A)	480	490	382	250	37.2kg

DC Motor

External Dimensions

Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-170SFJ/C	220V	134W	1700m ³ /h	405Pa	43dB(A)	468	466	346	250	26.5kg
MIA-200SFJ/C	220V	138W	2000m ³ /h	620Pa	45dB(A)	468	466	346	250	26.8kg
MIA-220SFJ/C	220V	141W	2200m ³ /h	625Pa	45dB(A)	468	466	346	250	29.1kg
MIA-250SFJ/C	220V	155W	2500m ³ /h	625Pa	47dB(A)	468	466	346	250	31.3kg
MIA-270SFJ/C	220V	176W	2700m ³ /h	630Pa	48dB(A)	468	466	346	250	33.8kg
MIA-300SFJ/C	220V	189W	3000m ³ /h	635Pa	51dB(A)	480	490	382	250	36.6kg
MIA-350SFJ/C	220V	225W	3500m ³ /h	635Pa	53dB(A)	480	490	382	250	37.2kg

May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

Purified Silent Air Supply Fan

Silent Air Supply Fan with Multiple Filters
Silent Air Supply Fan with High-voltage Electrostatic Precipitator



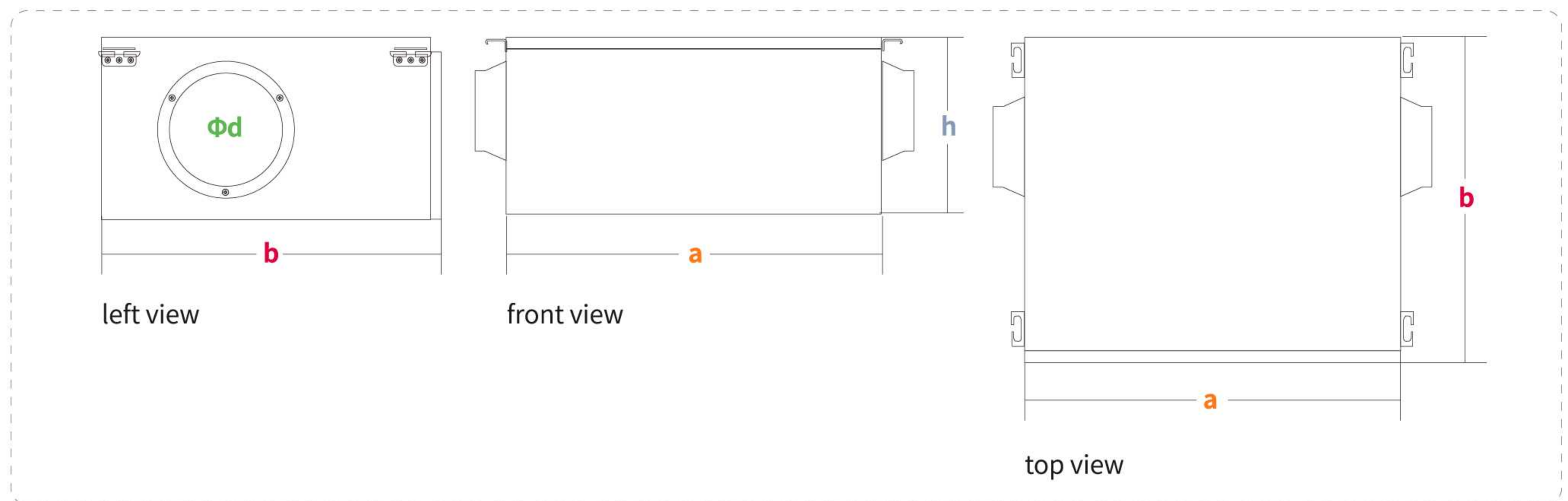
Exploded Views



The figure above is a schematic diagram of the structure, which is subject to the actual object.

Technical Parameters

name	model	filter
Silent Air Supply Fan with Multiple Filters	MIA-GL·SFJ	
Silent Air Supply Fan with High-voltage Electrostatic Precipitator	MIA-JD·SFJ	



AC Motor

External Dimensions

Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd (mm)	Weight
MIA-GL15SFJ	220V	26W	150m ³ /h	115Pa	21dB(A)	414	299	164	100	4.8kg
MIA-JD15SFJ	220V	26W	150m ³ /h	115Pa	21dB(A)	414	299	164	100	4.8kg
MIA-GL25SFJ	220V	46W	250m ³ /h	132Pa	27dB(A)	414	299	164	100	5.1kg
MIA-JD25SFJ	220V	46W	250m ³ /h	132Pa	27dB(A)	414	299	164	100	5.1kg
MIA-GL35SFJ	220V	78W	350m ³ /h	140Pa	29dB(A)	490	423	196	150	11.6kg
MIA-JD35SFJ	220V	78W	350m ³ /h	140Pa	29dB(A)	490	423	196	150	11.6kg
MIA-GL50SFJ	220V	112W	500m ³ /h	185Pa	31dB(A)	550	482	258	150	14.8kg
MIA-JD50SFJ	220V	112W	500m ³ /h	185Pa	31dB(A)	550	482	258	150	14.8kg
MIA-GL80SFJ	220V	126W	800m ³ /h	225Pa	32dB(A)	600	487	336	200	20kg
MIA-GL100SFJ	220V	138W	1000m ³ /h	258Pa	40dB(A)	600	487	336	200	22kg
MIA-JD100SFJ	220V	138W	1000m ³ /h	258Pa	40dB(A)	600	487	336	200	22kg
MIA-GL130SFJ	220V	143W	1300m ³ /h	260Pa	41dB(A)	600	487	336	200	23.6kg
MIA-JD130SFJ	220V	143W	1300m ³ /h	260Pa	41dB(A)	600	487	336	200	23.6kg
MIA-GL150SFJ	220V	152W	1500m ³ /h	360Pa	42dB(A)	600	487	336	200	25.8kg
MIA-JD150SFJ	220V	152W	1500m ³ /h	360Pa	42dB(A)	600	487	336	200	25.8kg

Technical Parameters

AC Motor						External Dimensions				
Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-GL170SFJ	220V	168W	1700m ³ /h	405Pa	43dB(A)	600	487	336	200	26.9kg
MIA-JD170SFJ	220V	168W	1700m ³ /h	405Pa	43dB(A)	600	487	336	200	26.9kg
MIA-GL200SFJ	220V	175W	2000m ³ /h	620Pa	45dB(A)	600	485	346	250	31.2kg
MIA-JD200SFJ	220V	175W	2000m ³ /h	620Pa	45dB(A)	600	485	346	250	31.2kg
MIA-GL220SFJ	220V	175W	2200m ³ /h	625Pa	45dB(A)	600	485	346	250	33.8kg
MIA-JD220SFJ	220V	175W	2200m ³ /h	625Pa	45dB(A)	600	485	346	250	33.8kg
MIA-GL250SFJ	220V	188W	2500m ³ /h	625Pa	47dB(A)	600	485	346	250	36.4kg
MIA-JD250SFJ	220V	188W	2500m ³ /h	625Pa	47dB(A)	600	485	346	250	36.4kg
MIA-GL270SFJ	220V	232W	2700m ³ /h	630Pa	48dB(A)	600	485	346	250	39.3kg
MIA-JD270SFJ	220V	232W	2700m ³ /h	630Pa	48dB(A)	600	485	346	250	39.3kg
MIA-GL300SFJ	220V	252W	3000m ³ /h	635Pa	51dB(A)	650	505	380	250	42.5kg
MIA-JD300SFJ	220V	252W	3000m ³ /h	635Pa	51dB(A)	650	505	380	250	42.5kg
MIA-GL350SFJ	220V	258W	3500m ³ /h	635Pa	53dB(A)	650	505	380	250	43.2kg
MIA-JD350SFJ	220V	258W	3500m ³ /h	635Pa	53dB(A)	650	505	380	250	43.2kg

DC Motor						External Dimensions				
Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-GL170SFJ/C	220V	138W	1700m ³ /h	405Pa	43dB(A)	600	485	346	250	31kg
MIA-JD170SFJ/C	220V	138W	1700m ³ /h	405Pa	43dB(A)	600	485	346	250	31kg
MIA-GL200SFJ/C	220V	142W	2000m ³ /h	620Pa	45dB(A)	600	485	346	250	31.2kg
MIA-JD200SFJ/C	220V	142W	2000m ³ /h	620Pa	45dB(A)	600	485	346	250	31.2kg
MIA-GL220SFJ/C	220V	145W	2200m ³ /h	625Pa	45dB(A)	600	485	346	250	33.8kg
MIA-JD220SFJ/C	220V	145W	2200m ³ /h	625Pa	45dB(A)	600	485	346	250	33.8kg
MIA-GL250SFJ/C	220V	160W	2500m ³ /h	625Pa	47dB(A)	600	485	346	250	36.4kg
MIA-JD250SFJ/C	220V	160W	2500m ³ /h	625Pa	47dB(A)	600	485	346	250	36.4kg
MIA-GL270SFJ/C	220V	174W	2700m ³ /h	630Pa	48dB(A)	600	485	346	250	39.3kg
MIA-JD270SFJ/C	220V	174W	2700m ³ /h	630Pa	48dB(A)	600	485	346	250	39.3kg
MIA-GL300SFJ/C	220V	195W	3000m ³ /h	635Pa	51dB(A)	650	505	380	250	42.5kg
MIA-JD300SFJ/C	220V	195W	3000m ³ /h	635Pa	51dB(A)	650	505	380	250	42.5kg
MIA-GL350SFJ/C	220V	232W	3500m ³ /h	635Pa	53dB(A)	650	505	380	250	43.2kg
MIA-JD350SFJ/C	220V	232W	3500m ³ /h	635Pa	53dB(A)	650	505	380	250	43.2kg

Purified Air Supply Fan with Inner Loop

Inner loop & fast purification Ventilation



1~2 Electric Dampers are Optional



Technical Parameters



The figure above is a schematic diagram of the structure, which is subject to the actual object.

name	model	filter
Air Supply Fan with Inner Loop with Multiple Filters	MIA-SFJ/NXH	
Air Supply Fan with Inner Loop with High-voltage Electrostatic Precipitator	MIA-SFJD/NXH	

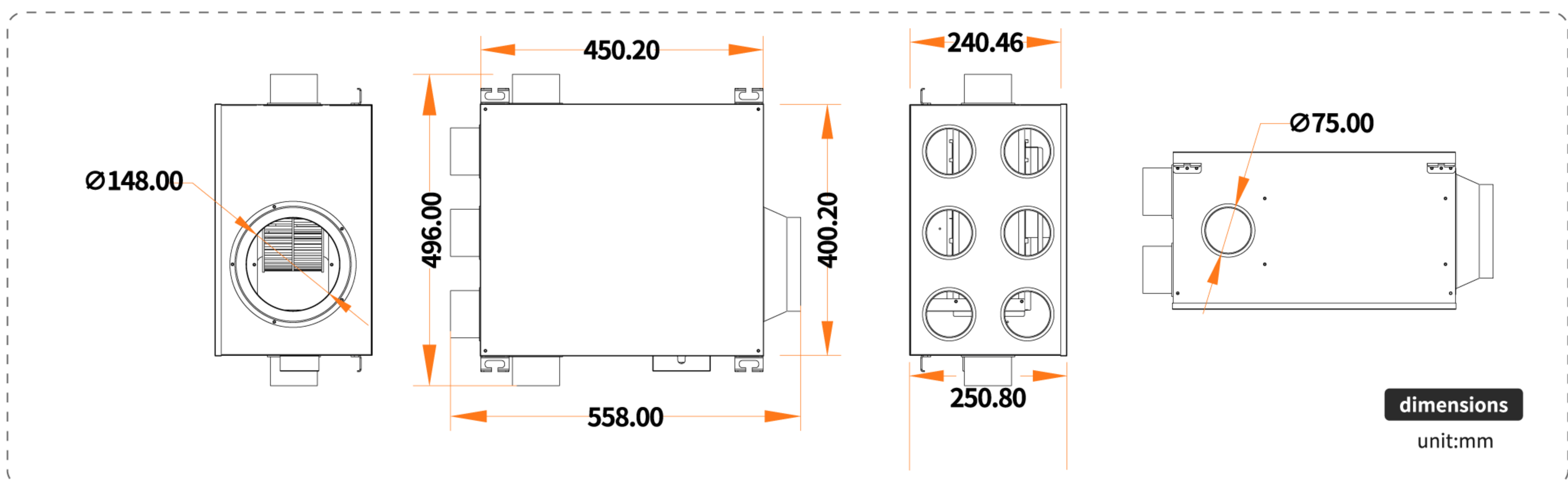
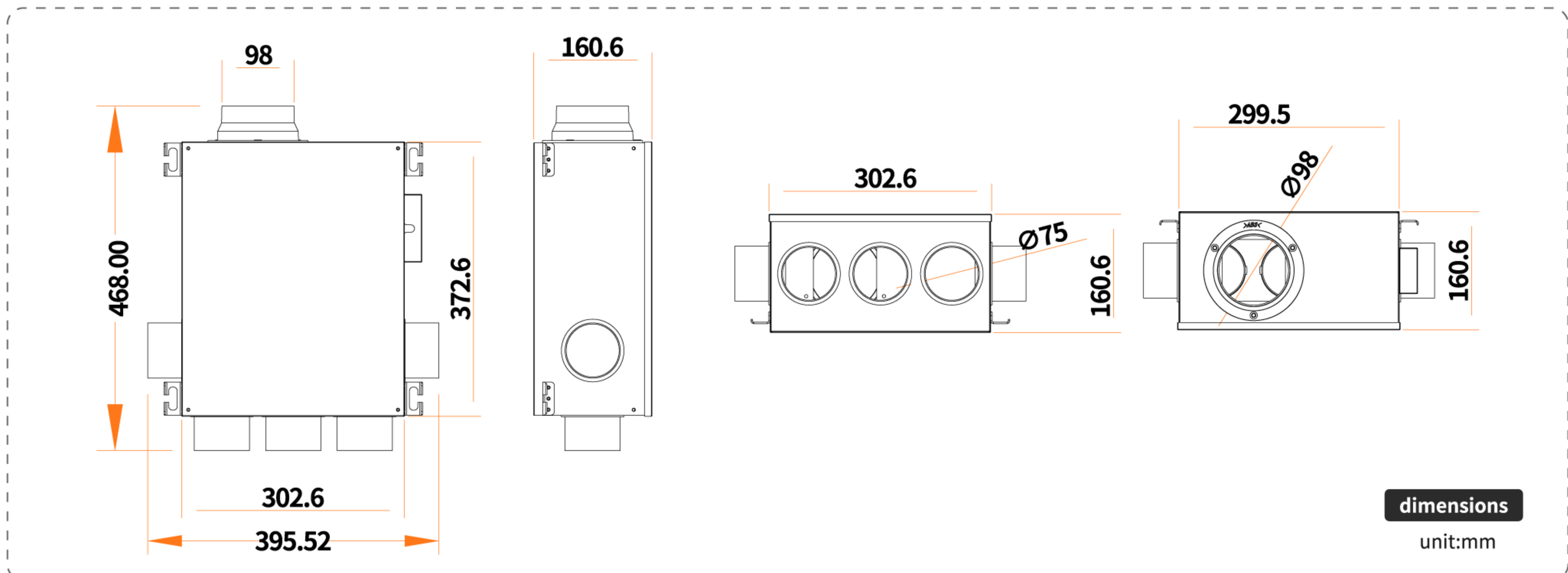
External Dimensions

Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Φd2(mm)	Weight
MIA-25SFJ/NXH	220V	47W	250m ³ /h	135Pa	28dB(A)	490	423	196	100	150	5kg
MIA-25SFJD/NXH	220V	47W	250m ³ /h	135Pa	28dB(A)	490	423	196	100	150	5kg
MIA-35SFJ/NXH	220V	81W	350m ³ /h	142Pa	30dB(A)	490	423	196	100	150	5.3kg
MIA-35SFJD/NXH	220V	81W	350m ³ /h	142Pa	30dB(A)	490	423	196	100	150	5.3kg

Multi-port Ventilators



Technical Parameters



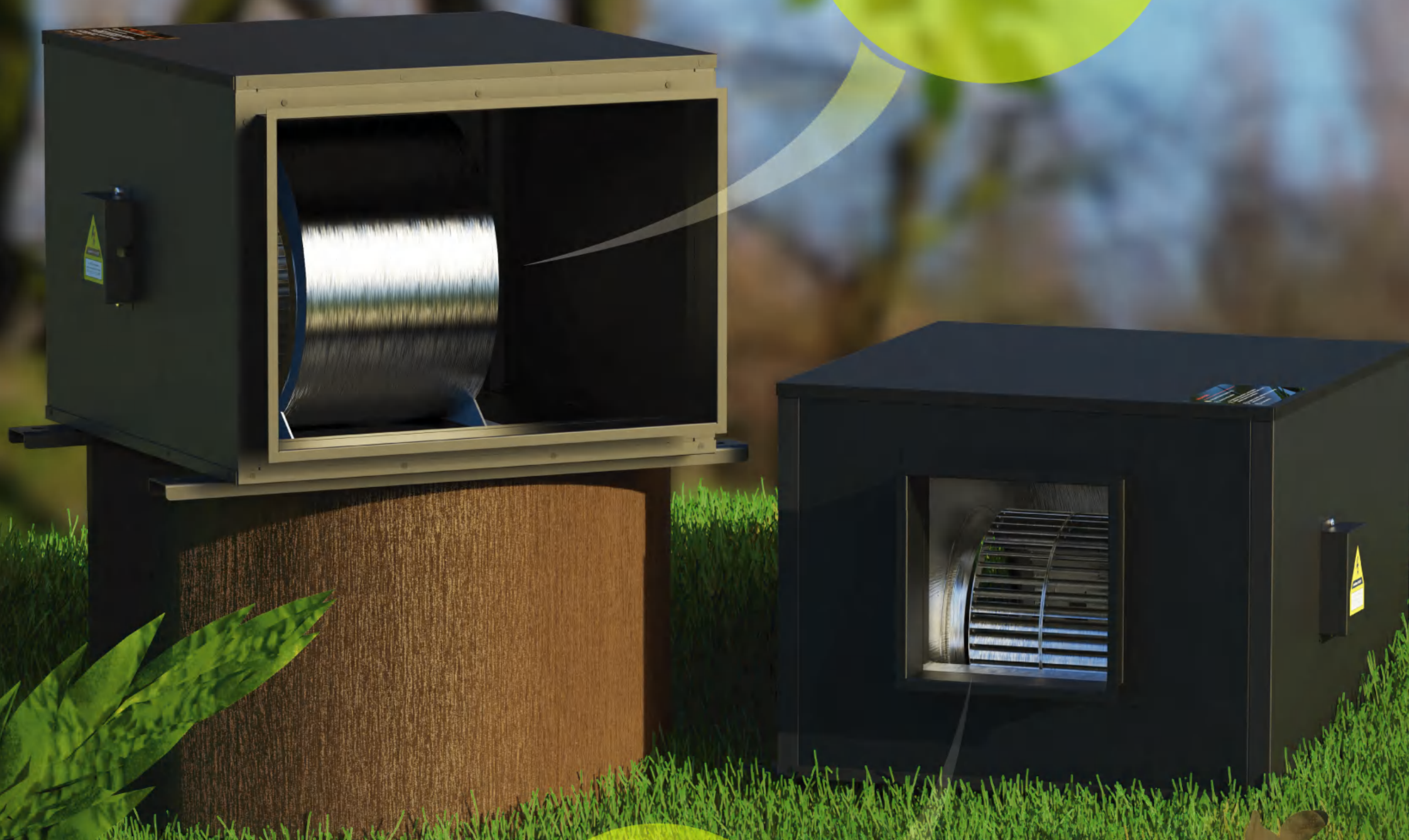
External Dimensions

Model	Voltage	Power	Volume	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Φd2(mm)	Weight (kg)
MIA-150W	220V	19W	150m ³ /h	23dB(A)	370	303	160	75	100	5.2
MIA-200W	220V	32W	200m ³ /h	28dB(A)	370	303	160	75	100	5.2
MIA-250W	220V	38W	250m ³ /h	29dB(A)	370	303	160	75	100	5.2
MIA-300W	220V	52W	300m ³ /h	30dB(A)	370	303	160	75	100	5.2
MIA-350W	220V	60W	350m ³ /h	32dB(A)	370	303	160	75	100	5.2
MIA-400W	220V	78W	400m ³ /h	33dB(A)	452	402	251	75	150	8.8
MIA-450W	220V	88W	450m ³ /h	35dB(A)	452	402	251	75	150	8.8
MIA-500W	220V	105W	500m ³ /h	36dB(A)	452	402	251	75	150	8.8

Cabinet Centrifugal Fan

oversized air inlet

air outlet



Technical Parameters

AC Motor						External Dimensions				
Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Φd2(mm)
MIA-150FJX	220V	0.22KW	1500m ³ /h	200Pa	50dB(A)	448	449	353	182×178	408×282
MIA-200FJX	220V	0.25KW	2000m ³ /h	225Pa	51dB(A)	448	449	353	182×178	408×282
MIA-250FJX	220V	0.45KW	2500m ³ /h	250Pa	52dB(A)	448	449	353	182×178	408×282
MIA-300FJX	220V	0.55KW	3000m ³ /h	250Pa	53dB(A)	578	578	410	228×221	537×340
MIA-350FJX	220V	0.65KW	3500m ³ /h	280Pa	54dB(A)	578	578	410	228×221	537×340
MIA-400FJX	220V	0.75KW	4000m ³ /h	300Pa	55dB(A)	578	578	410	228×221	537×340
MIA-450FJX	220V	0.90KW	4500m ³ /h	300Pa	56dB(A)	578	578	410	228×221	537×340
MIA-500FJX	220V	1.10KW	5000m ³ /h	300Pa	57dB(A)	574	574	443	284×254	517×357
MIA-550FJX	220V	1.30KW	5500m ³ /h	330Pa	58dB(A)	574	574	443	284×254	517×357
MIA-600FJX	220V	1.50KW	6000m ³ /h	350Pa	59dB(A)	574	574	443	284×254	517×357
MIA-650FJX	220V	1.80KW	6500m ³ /h	350Pa	60dB(A)	574	574	443	284×254	517×357
MIA-700FJX	220V	2.20KW	7000m ³ /h	380Pa	61dB(A)	596	596	482	295×260	553×412
MIA-750FJX	220V	2.30KW	7500m ³ /h	400Pa	62dB(A)	596	596	482	295×260	553×412
MIA-800FJX	220V	2.50KW	8000m ³ /h	420Pa	63dB(A)	665	662	557	328×289	604×456
MIA-850FJX	220V	2.60KW	8500m ³ /h	420Pa	63dB(A)	665	662	557	328×289	604×456
MIA-900FJX	220V	2.80KW	9000m ³ /h	450Pa	64dB(A)	665	662	557	328×289	604×456
MIA-950FJX	220V	2.90KW	9500m ³ /h	480Pa	65dB(A)	665	662	557	328×289	604×456
MIA-1000FJX	380V	3.00KW	10000m ³ /h	500Pa	65dB(A)	1000	1000	910	420×320	700×690
MIA-1300FJX	380V	4.00KW	13000m ³ /h	540Pa	66dB(A)	1000	1000	910	510×320	900×750
MIA-1500FJX	380V	4.50KW	15000m ³ /h	600Pa	67dB(A)	1000	1000	910	510×320	900×750
MIA-2000FJX	380V	7.50KW	20000m ³ /h	700Pa	68dB(A)	1230	2000	1020	1000×630	1050×950
MIA-2500FJX	380V	15.00KW	25000m ³ /h	760Pa	76dB(A)	1900	2200	1213	1000×630	1100×990
MIA-3000FJX	380V	16.00KW	30000m ³ /h	800Pa	80dB(A)	1700	2400	1325	1000×800	1205×1150
MIA-4000FJX	380V	18.50KW	40000m ³ /h	860Pa	86dB(A)	2100	2700	1472	1200×1000	1205×1150
MIA-5000FJX	380V	22.00KW	50000m ³ /h	900Pa	92dB(A)	2400	2700	1614	1400×1000	/

General civil 220V voltage, models below 9500 m³/h, adopt in full 3-speed fan.

Three-speed control (≤9500m³/h): Smart APP controllers are optional.

Technical Parameters

DC Motor						External Dimensions				
Model	Voltage	Power	Volume	Pressure	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Φd2(mm)
MIA-150FJX/C	220V	0.14KW	1500m ³ /h	200Pa	50dB(A)	448	449	353	182×178	408×282
MIA-200FJX/C	220V	0.15KW	2000m ³ /h	225Pa	51dB(A)	448	449	353	182×178	408×282
MIA-250FJX/C	220V	0.17KW	2500m ³ /h	250Pa	52dB(A)	448	449	353	182×178	408×282
MIA-300FJX/C	220V	0.2KW	3000m ³ /h	250Pa	53dB(A)	578	578	410	228×221	537×340
MIA-350FJX/C	220V	0.24KW	3500m ³ /h	280Pa	54dB(A)	578	578	410	228×221	537×340
MIA-400FJX/C	220V	0.26KW	4000m ³ /h	300Pa	55dB(A)	578	578	410	228×221	537×340
MIA-450FJX/C	220V	0.33KW	4500m ³ /h	300Pa	56dB(A)	578	578	410	228×221	537×340
MIA-500FJX/C	220V	0.4KW	5000m ³ /h	300Pa	57dB(A)	574	574	443	284×254	517×357
MIA-550FJX/C	220V	0.43KW	5500m ³ /h	330Pa	58dB(A)	574	574	443	284×254	517×357
MIA-600FJX/C	220V	0.49KW	6000m ³ /h	350Pa	59dB(A)	574	574	443	284×254	517×357
MIA-650FJX/C	220V	0.53KW	6500m ³ /h	350Pa	60dB(A)	574	574	443	284×254	517×357
MIA-700FJX/C	220V	0.68KW	7000m ³ /h	380Pa	61dB(A)	596	596	482	295×260	553×412
MIA-750FJX/C	220V	0.73KW	7500m ³ /h	400Pa	62dB(A)	596	596	482	295×260	553×412
MIA-800FJX/C	220V	0.78KW	8000m ³ /h	420Pa	63dB(A)	665	662	557	328×289	604×456
MIA-850FJX/C	220V	0.82KW	8500m ³ /h	420Pa	63dB(A)	665	662	557	328×289	604×456
MIA-900FJX/C	220V	0.83KW	9000m ³ /h	450Pa	64dB(A)	665	662	557	328×289	604×456
MIA-950FJX/C	220V	0.86KW	9500m ³ /h	480Pa	65dB(A)	665	662	557	328×289	604×456

Mini Silent Duct Fan



Exploded Views



The figure above is a schematic diagram of the structure, which is subject to the actual object.

Model	Voltage	Power	Volume	Pressure	Noise	$\Phi d(\text{mm})$	Weight
MIA-100SFJ/MINI	220V	16W	100m ³ /h	95Pa	24dB(A)	100	2.4kg
MIA-180SFJ/MINI	220V	18W	180m ³ /h	115Pa	26dB(A)	100	2.5kg
MIA-300SFJ/MINI	220V	36W	300m ³ /h	160Pa	32dB(A)	150	3.8kg
MIA-370SFJ/MINI	220V	42W	370m ³ /h	165Pa	32dB(A)	150	3.9kg

Circular Pipe Fan



The figure above is a schematic diagram of the structure, which is subject to the actual object.

Model	Voltage frequency	Volume	Current	Power	Speed	Noise	External Dimensions		
							a(cm)	b(cm)	h(cm)
CK100	220V/50Hz	320m ³ /h	0.28A	65W	2450rpm	40dB(A)	29	25	30
CK150	220V/50Hz	650m ³ /h	0.35A	75W	2550rpm	45dB(A)	36	25.5	36
CK200	220V/50Hz	1250m ³ /h	0.65A	135W	2600rpm	50dB(A)	39	35	40.5
CK250	220V/50Hz	1900m ³ /h	0.75A	165W	2582rpm	60dB(A)	43	35	46.5
CK315	220V/50Hz	2450m ³ /h	1.20A	255W	2300rpm	68dB(A)	45	36.5	48.5

Ceiling Exhaust Fan

MF RC · G1
MF RC · D1

Exhaust Fan Series



The figure above is a schematic diagram of the structure, which is subject to the actual object.

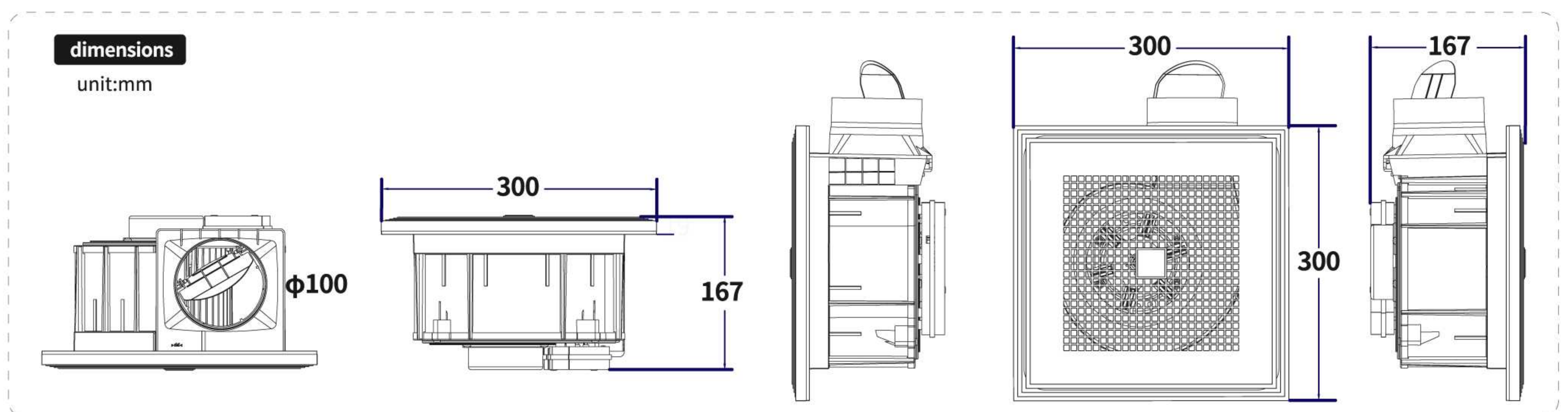
Three-speed control, intelligent controllers are optional.



Exploded Views & Dimension



The figure above is a schematic diagram of the structure, which is subject to the actual object.



Model	Voltage	Power	Volume	Pressure	Noise	Panel size	$\Phi d(\text{mm})$	Weight
MF-RC15G1	220V~240V	16W	150m ³ /h	115Pa	29dB(A)	300×300mm	100	2.2kg
MF-RC22G1	220V~240V	24W	220m ³ /h	120Pa	33dB(A)	300×300mm	100	2.2kg
MF-RC15D1	220V~240V	16W	150m ³ /h	115Pa	29dB(A)	300×300mm	100	2.2kg
MF-RC22D1	220V~240V	24W	220m ³ /h	120Pa	33dB(A)	300×300mm	100	2.2kg

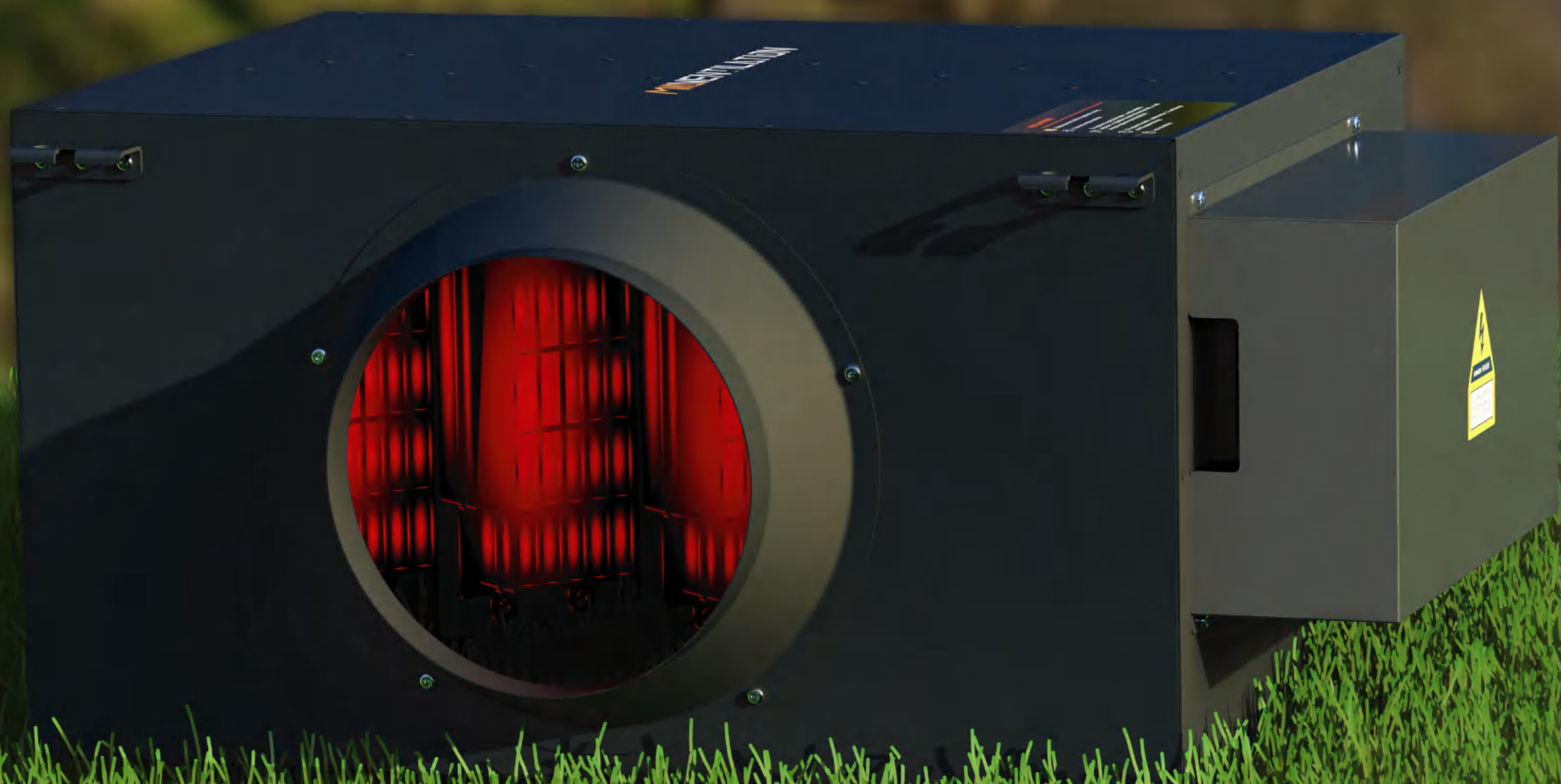
PTC Electric Heating Box

Matching Ventilation System PTC Electric Heating Box

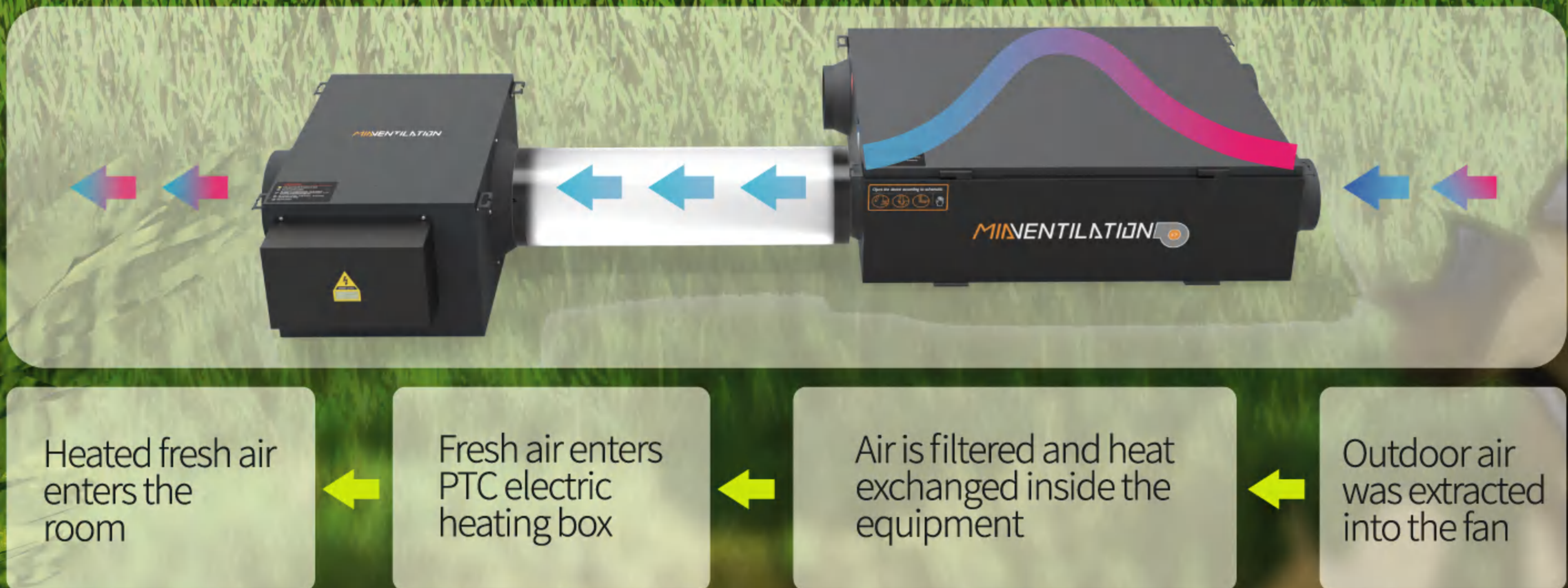
Model	Voltage	Power KW	Size	Φd(mm)
MIA-PTC100	220V	1.2	350×303×165mm	100mm
MIA-PTC150	220V	1.2	350×320×223mm	150mm
MIA-PTC200	220V	1.2	350×364×270mm	200mm

Fireproof metal box select power according to your needs. Intelligent controllers are optional.

PTC electric heating box



The figure above is a schematic diagram of the structure, which is subject to the actual object.

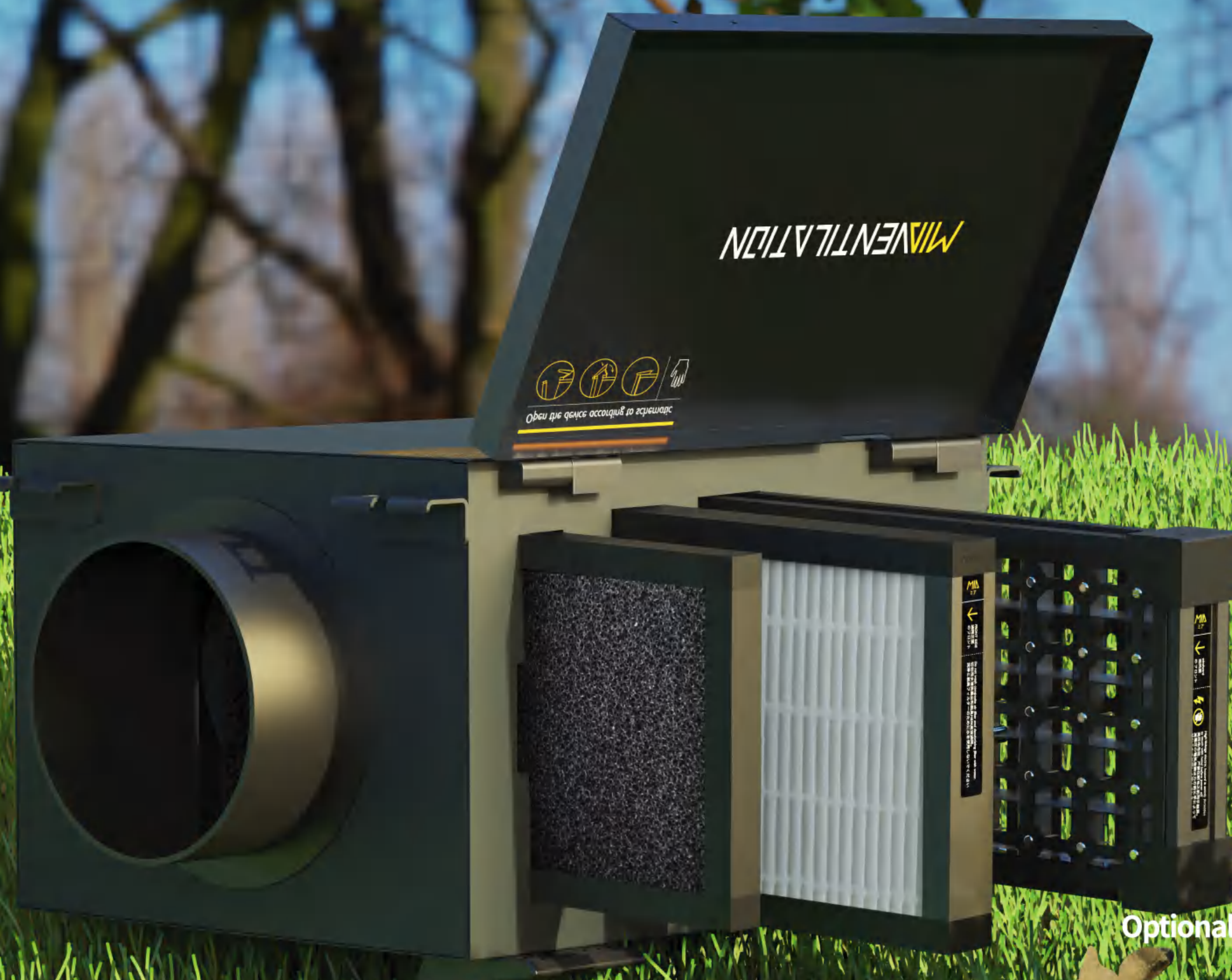


May 2023 | © Copyright 2023 Suzhou MIA Intelligent Technology Co., Ltd. The information contained herein is subject to change without notice. MIA is not responsible for technical or editorial errors or omissions contained herein.

Air Purification Box

Matching Ventilation System Air Purification Box

Model	Voltage	Size	Φd(mm)
MIA-100HEPA/MIA-100JDHEPA	-/220V	350×303×165mm	100
MIA-150HEPA/MIA-150JDHEPA	-/220V	350×320×223mm	150
MIA-200HEPA/MIA-200JDHEPA	-/220V	350×364×270mm	200



The figure above is a schematic diagram of the structure, which is subject to the actual object.

name	model	filter
Air Purification Box	MIA-HEPA	
High-voltage Electrostatic Precipitator air purification Box	MIA-JDHEPA	

MIA Controller

MIA Controller



ACCESSORIES

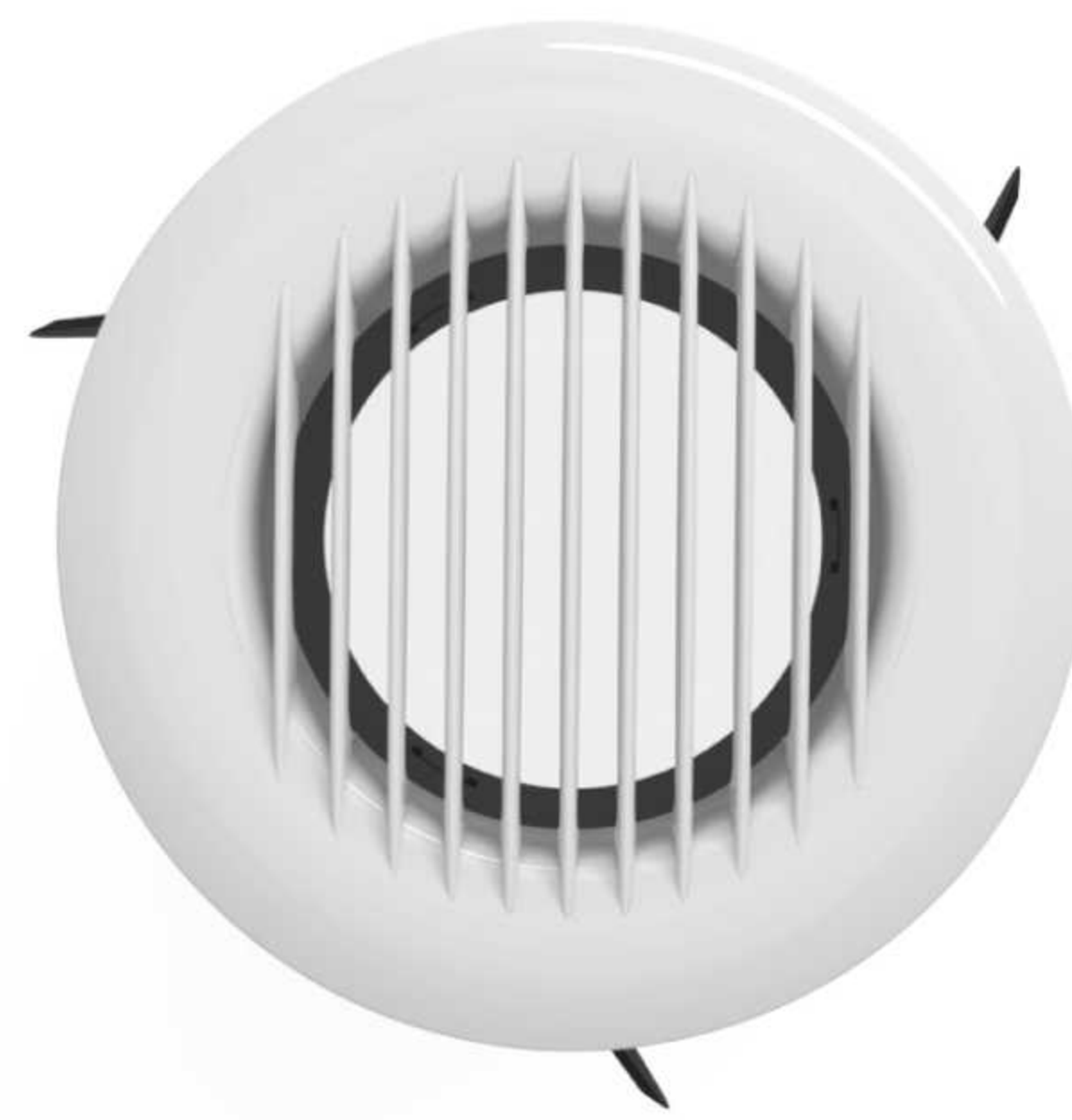
Accessories



indoor adjustable air outlet

specification(mm)

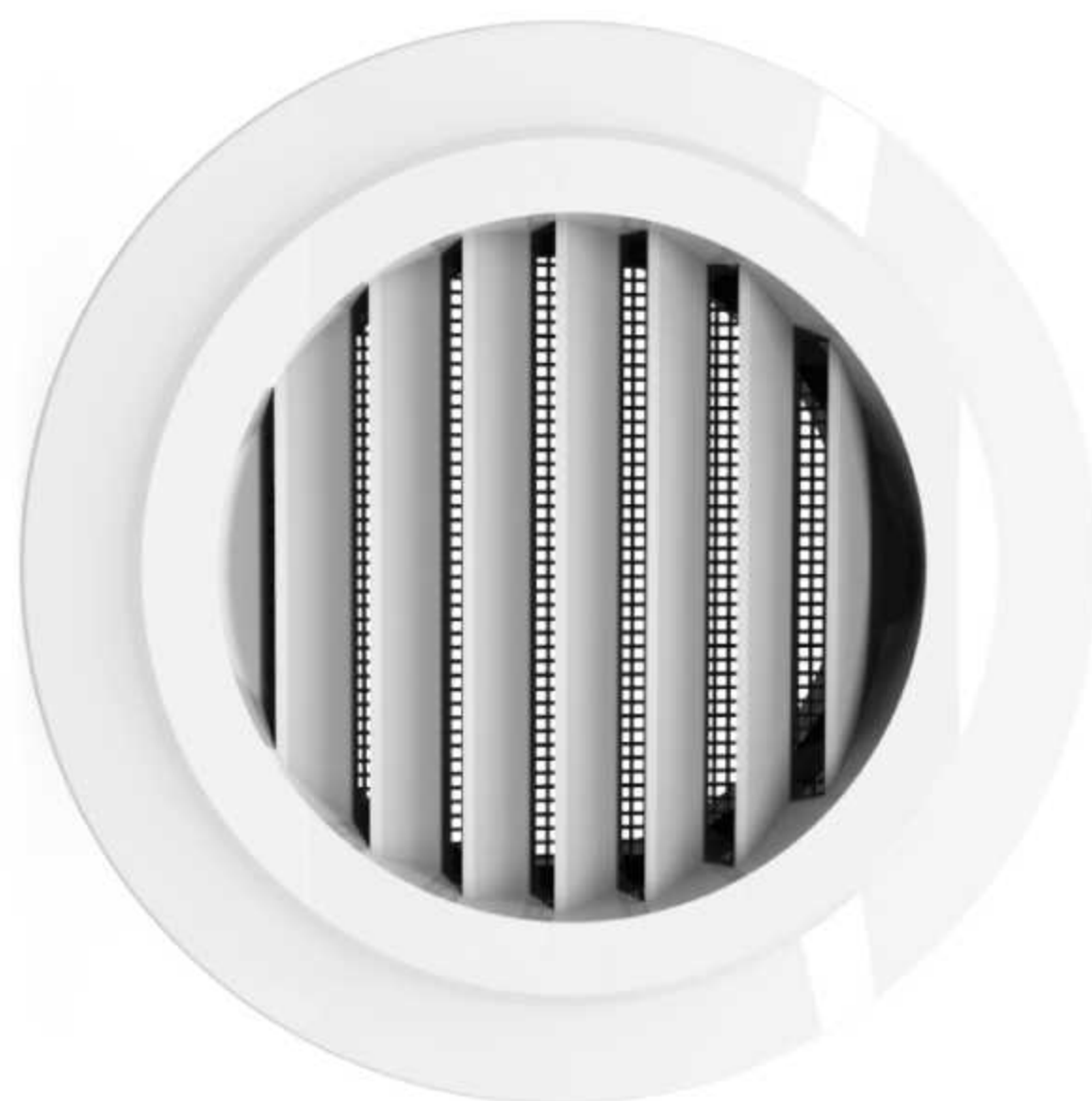
- ϕ 80
- ϕ 100
- ϕ 125
- ϕ 150
- ϕ 200



indoor louver air outlet

specification(mm)

- ϕ 80
- ϕ 100
- ϕ 120
- ϕ 150



oblique louver indoor air outlet

specification(mm)

- ϕ 80
- ϕ 100
- ϕ 120
- ϕ 150



ordinary air outlet

specification(mm)

- ϕ 80
- ϕ 120



swirl diffusers indoor air outlet

specification(mm)

- ϕ 100
- ϕ 150

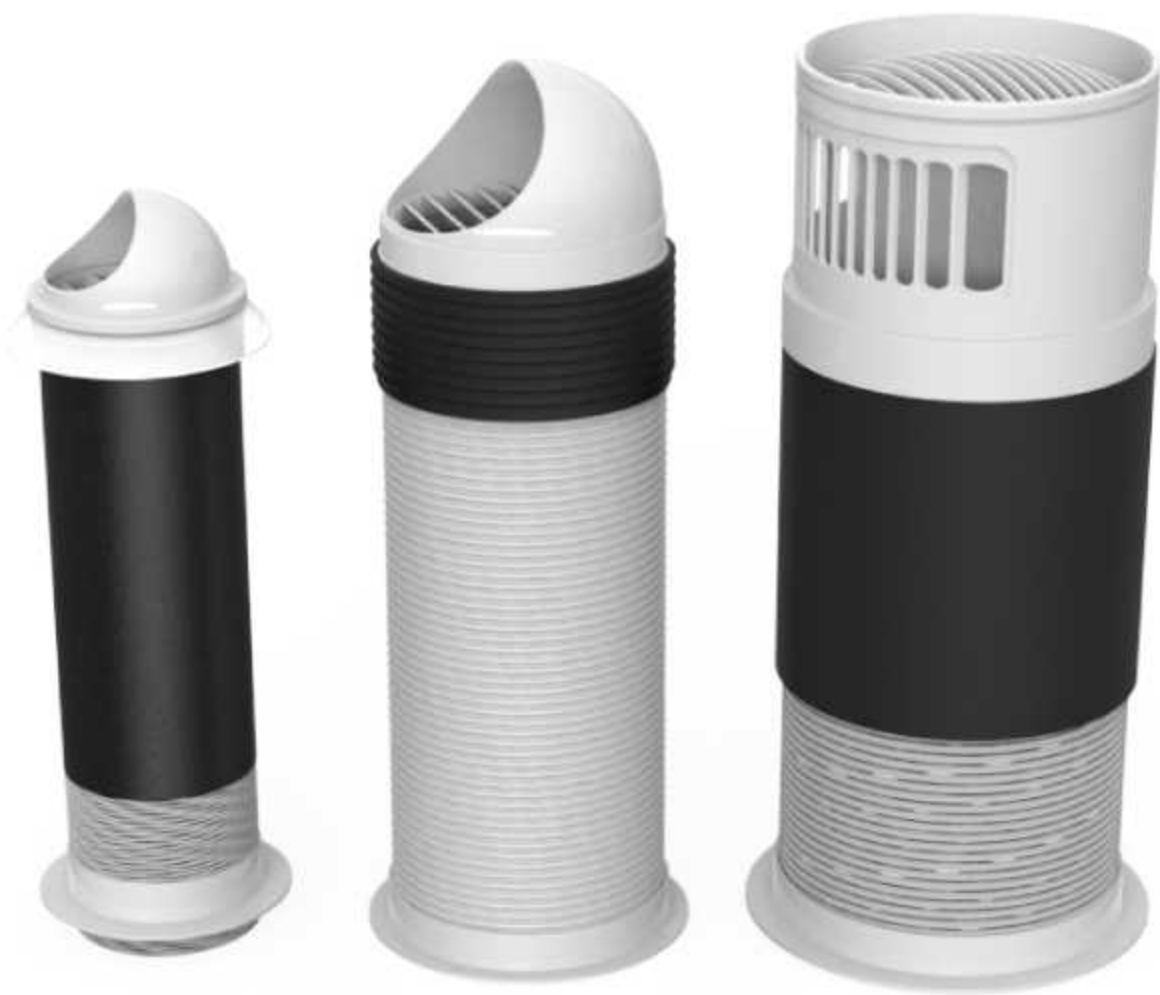


press type indoor air outlet

specification(mm)

- ϕ 100

Accessories



wall penetrator

- specification(mm)
- φ110
 - φ160
 - φ200



Reducer

- specification(mm)
- 100-75
 - 160-110
 - 200-160



304 stainless steel clamp

- specification(mm)
- φ72~95
 - φ105~127
 - φ141~165
 - φ194~216
 - φ251~273



stainless steel rain-proof cap

- specification(mm)
- φ80
 - φ100
 - φ120
 - φ150
 - φ200
 - φ250
 - φ300



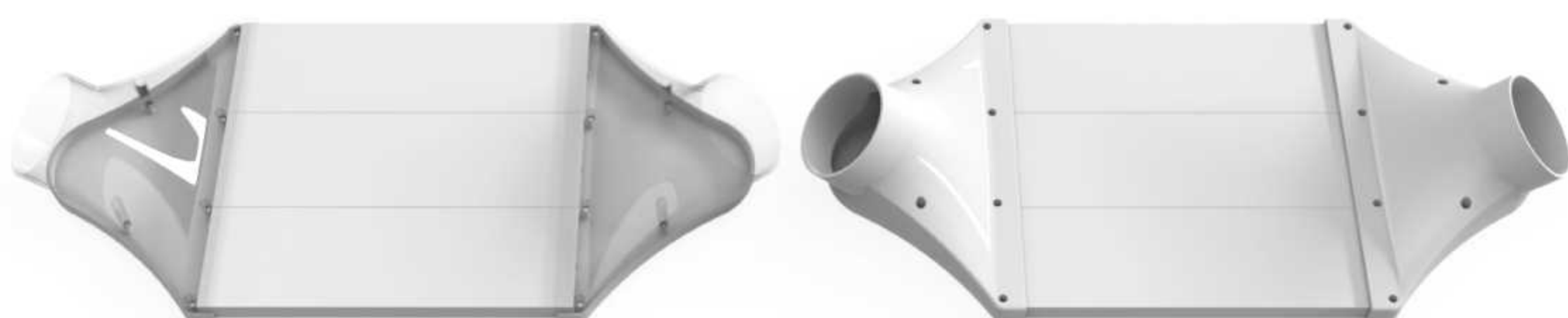
branch device

- specification(mm)



wall type air inlet

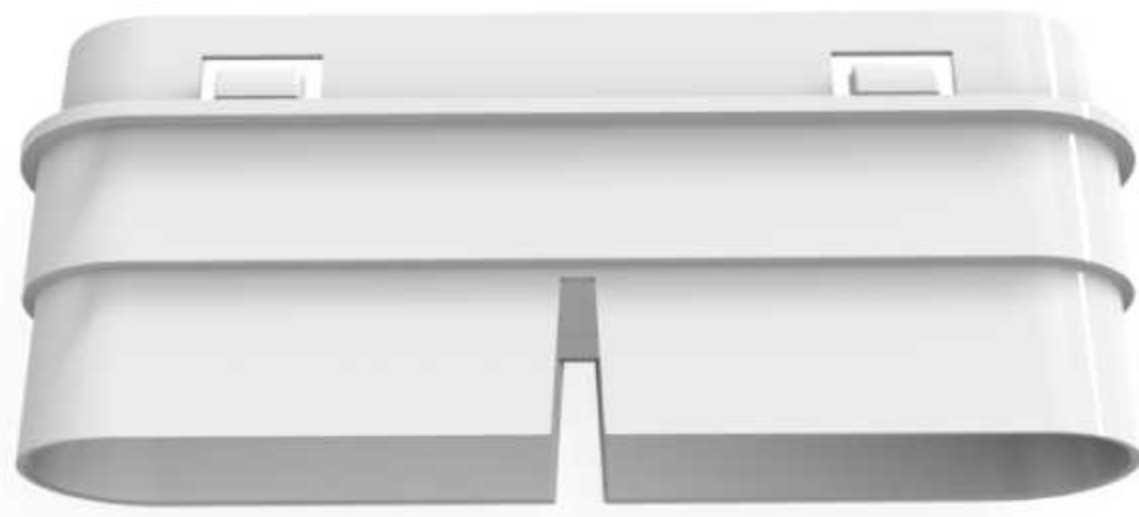
- specification(mm)
- φ100



Lintel

- specification(mm)
- φ75
 - φ110
 - φ160
 - φ200

Accessories



ground air-supply straight connector



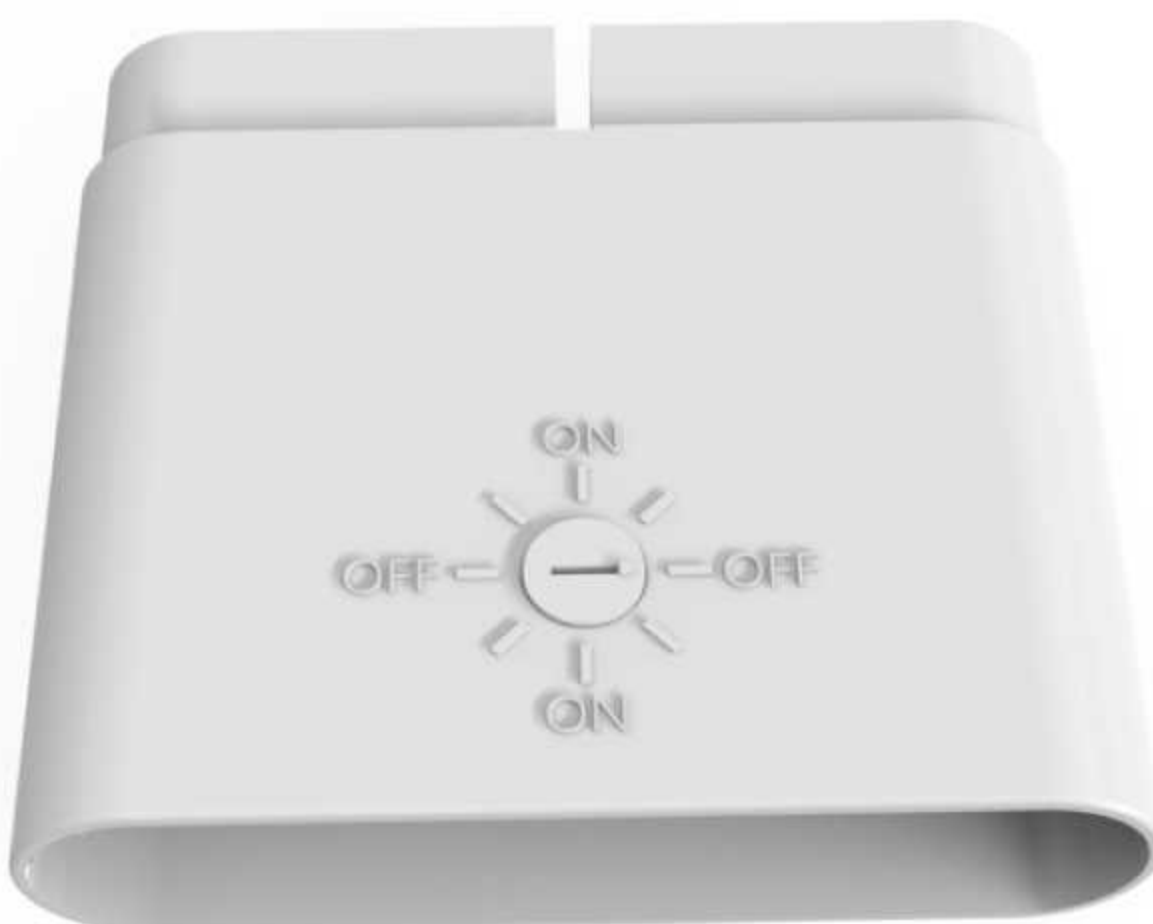
ground air-supply tuyere with bottom box



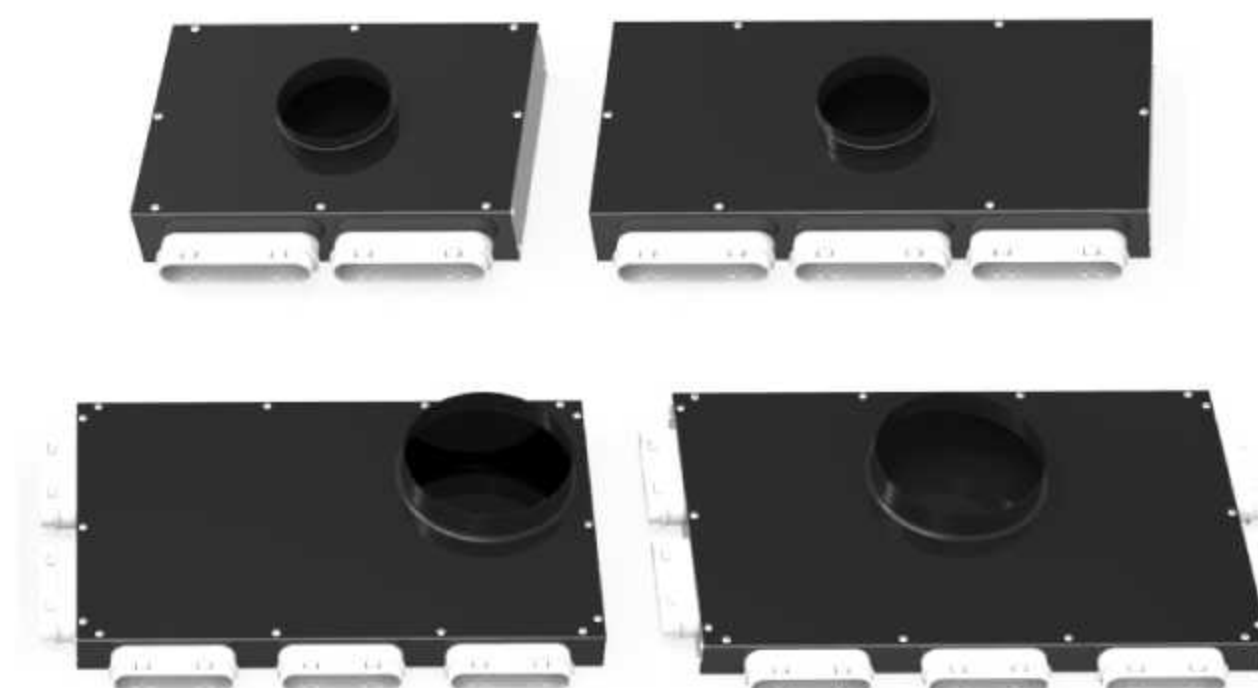
45° elbow



reinforced flat duct



ground air-supply air volume control valve



ground air-supply branch box

specification(mm)

- 1 / 2
- 1 / 3
- 1 / 5
- 1 / 7

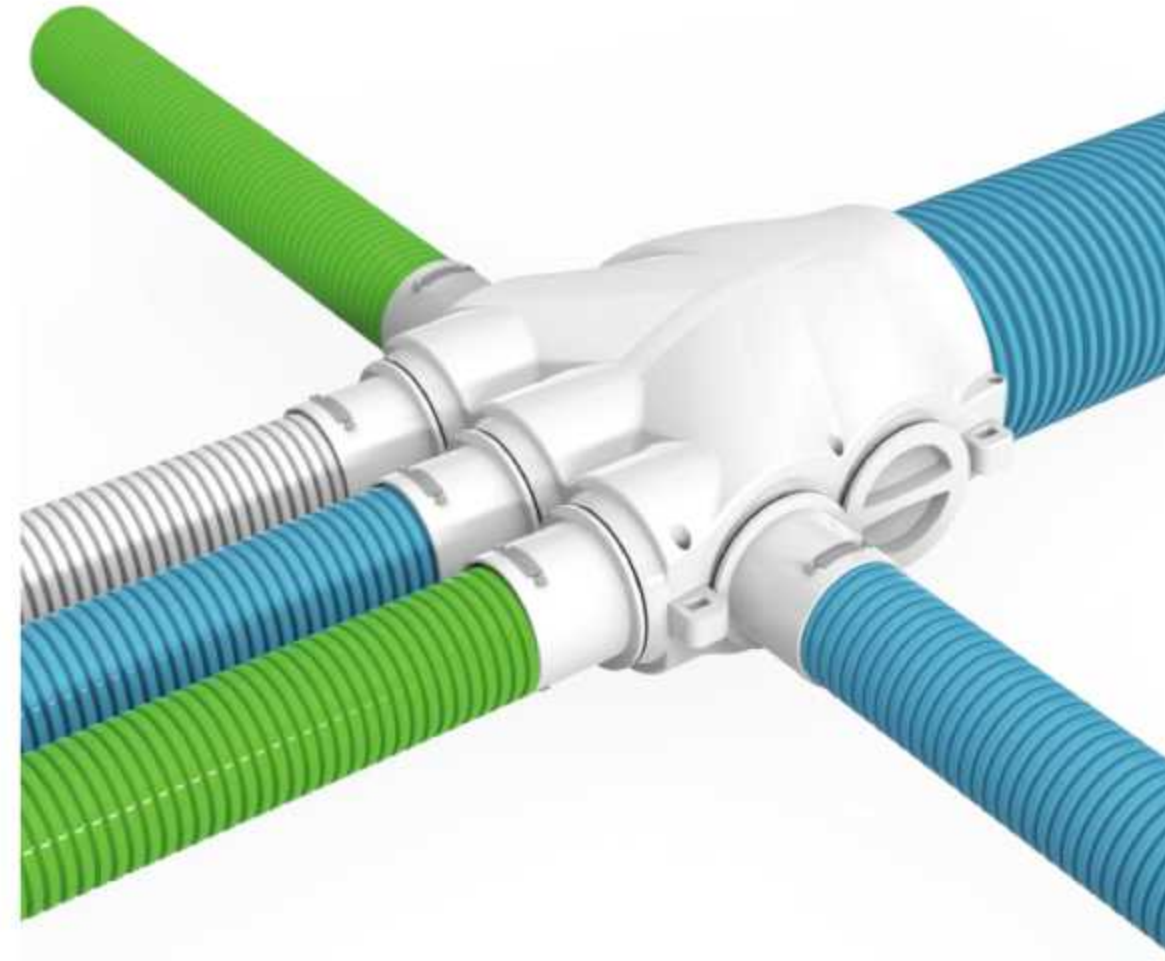
Accessories



PE corrugated pipe

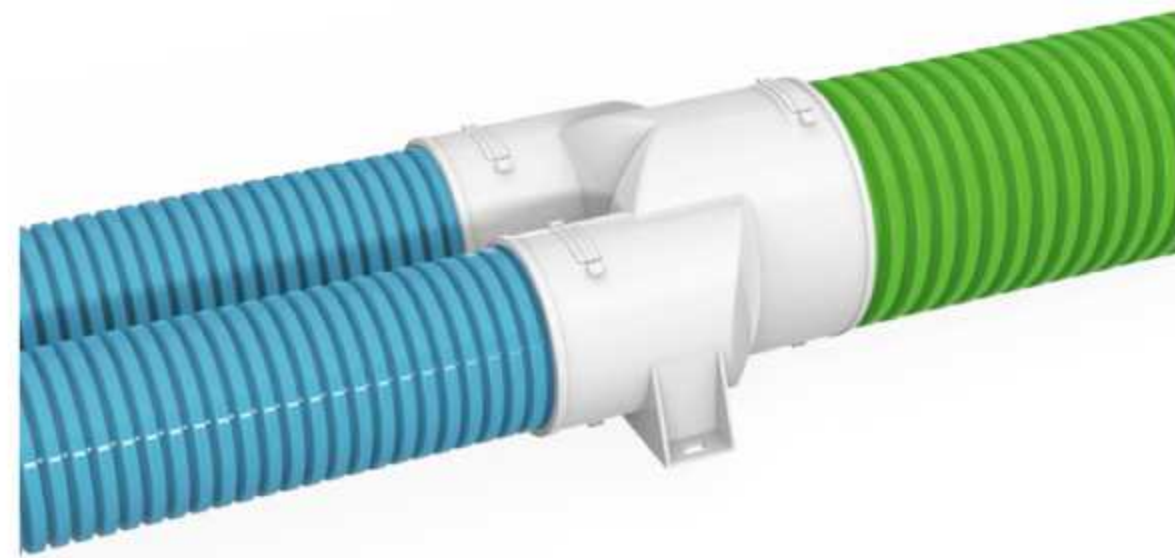
specification(mm)

- φ63
- φ75
- φ110



PE splitter (1 into 7)

•1 / 7



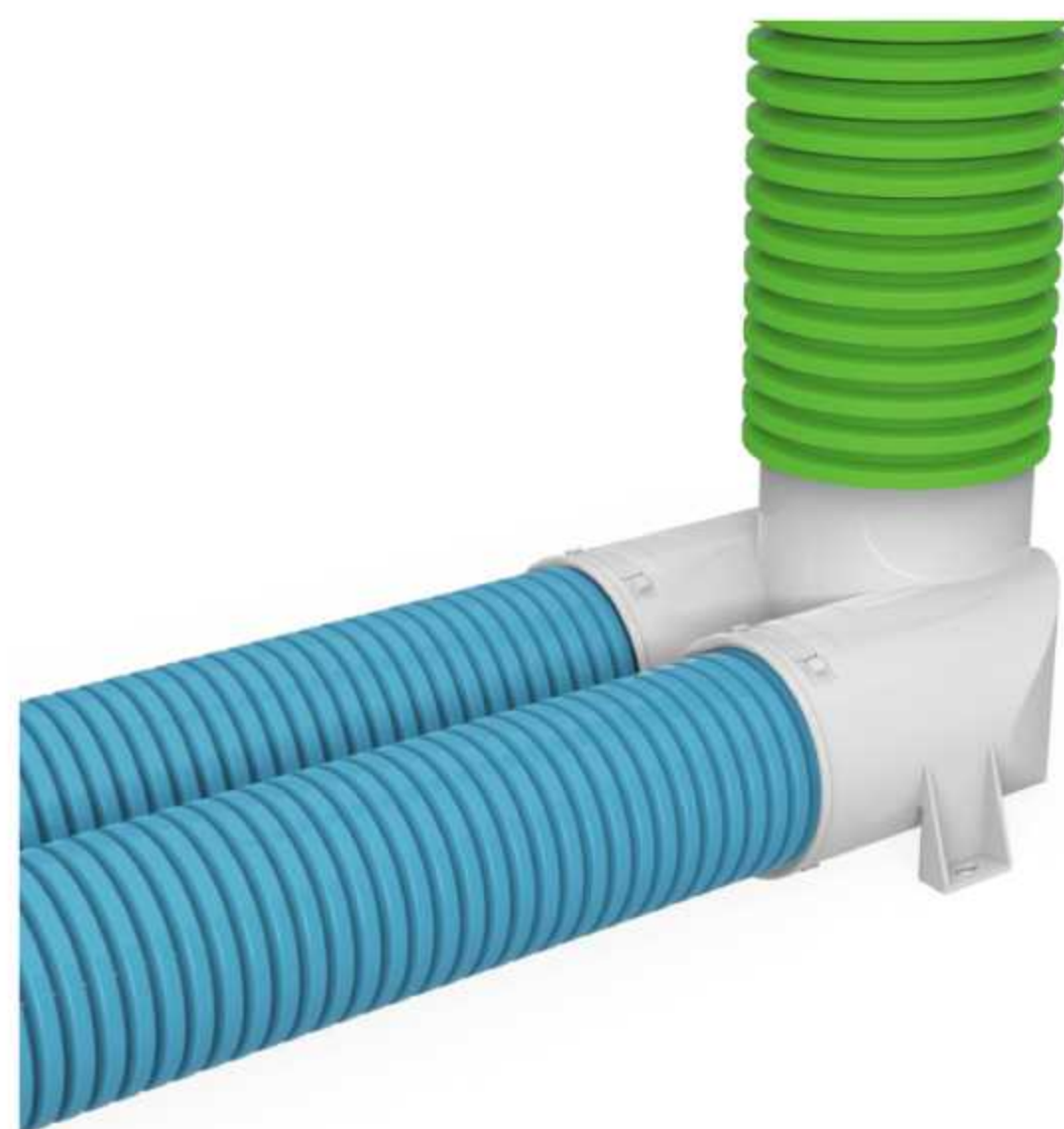
PE joint

•φ110-φ75x2



PE 90° elbow

- φ63
- φ75
- φ110



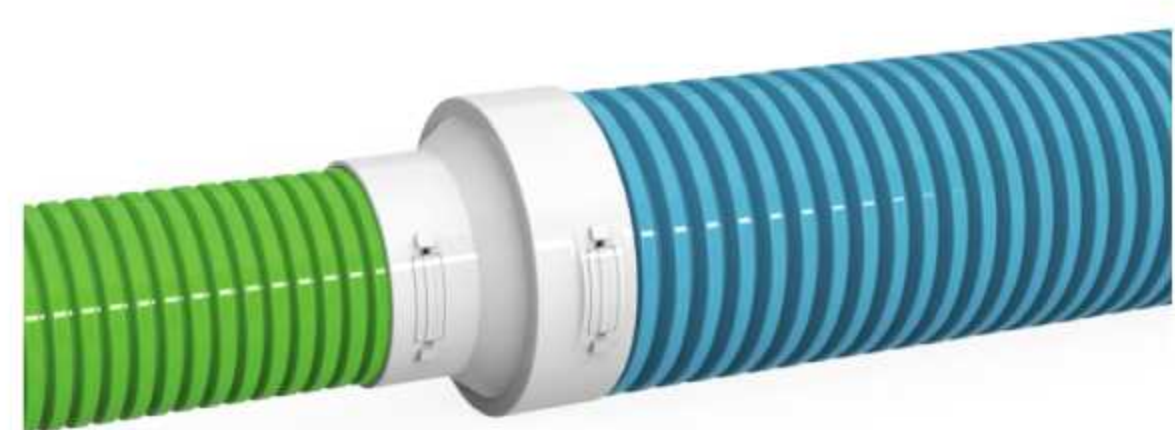
PE 90° joint

•φ110-φ75x2



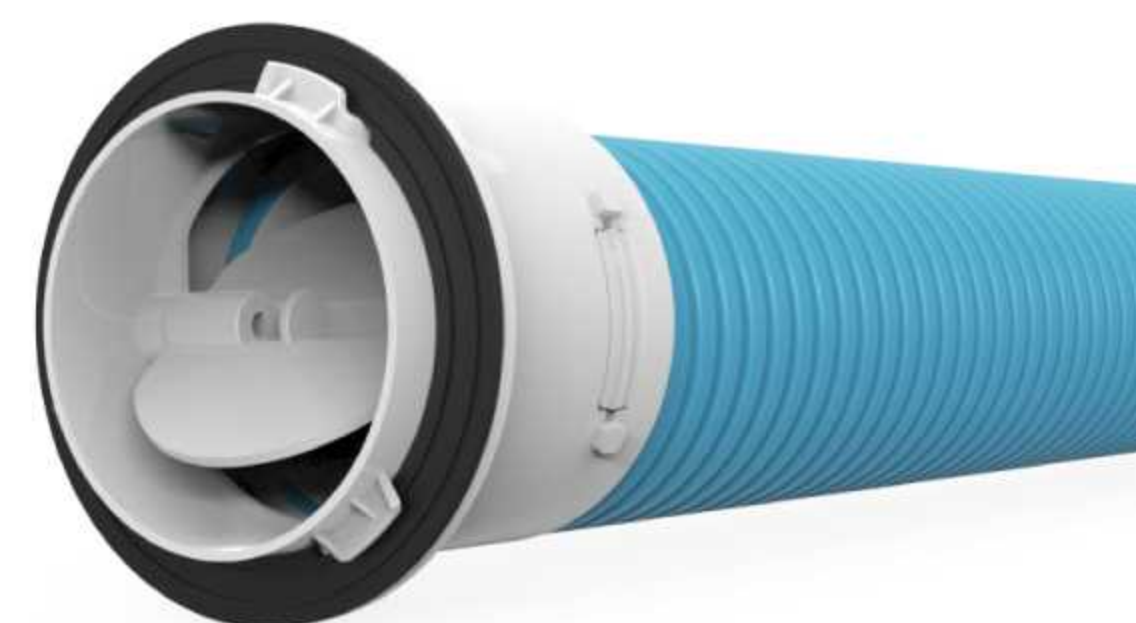
PE coupling

- φ63
- φ75
- φ110



PE Reducer

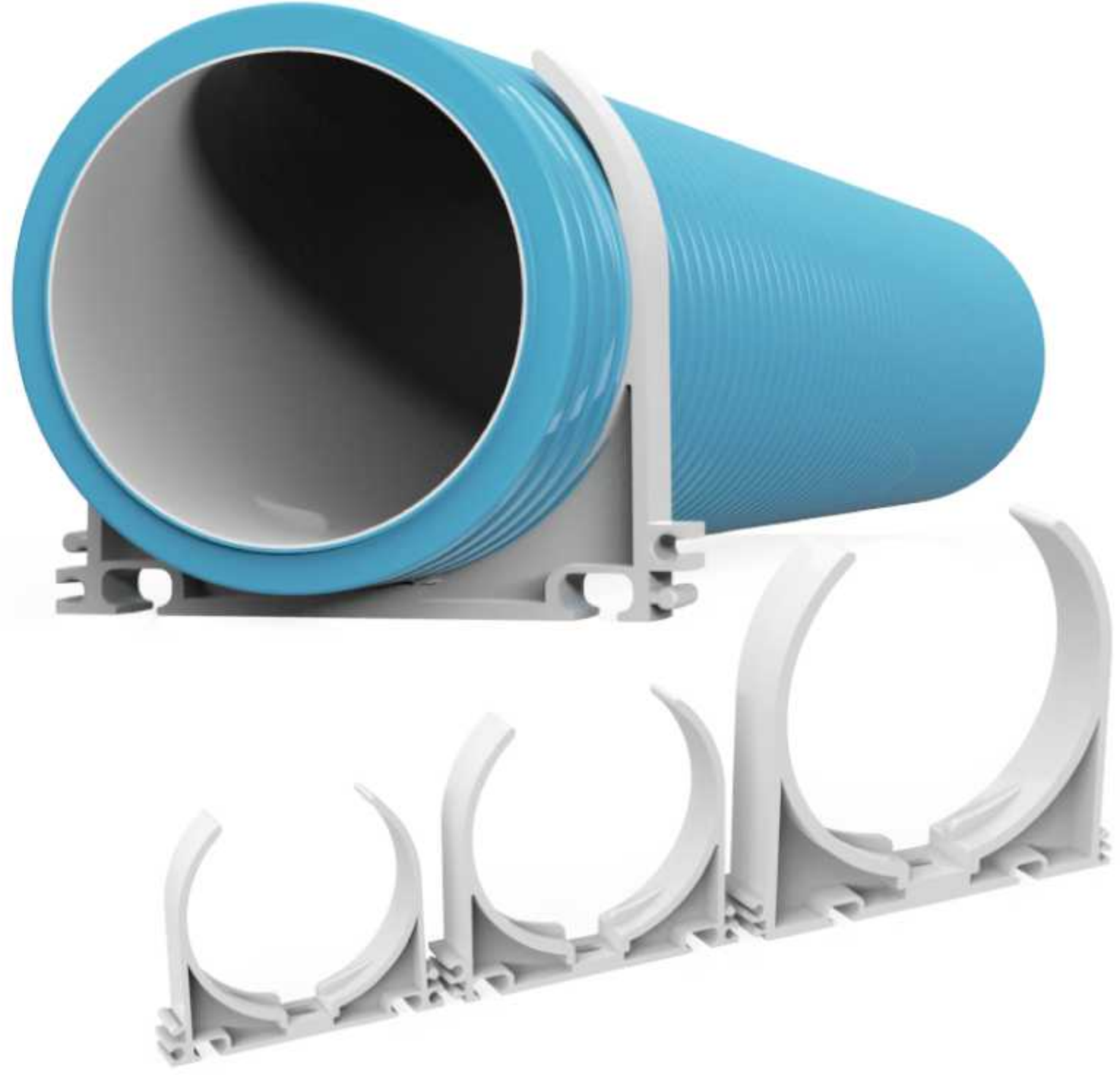
•φ110-φ75



PE socket connector

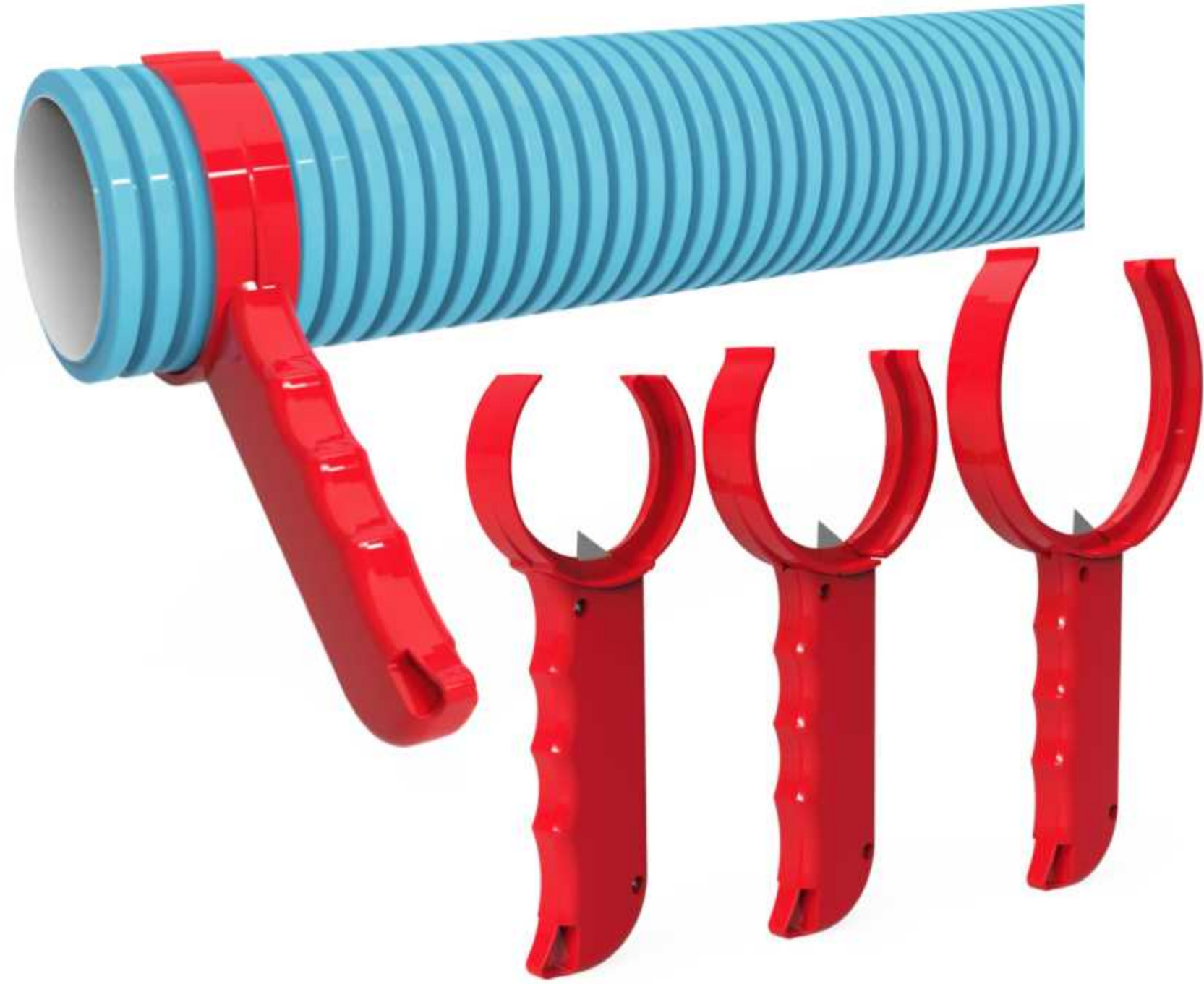
- φ63
- φ75
- φ110

Accessories



PE pipe clamp

- φ63
- φ75
- φ110



PE cutting knife

- φ63
- φ75
- φ110



PE tee

- φ110