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Vertical ERV and Dehumidifier (2 in 1 unit)

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

Fresh Air Dehumidifier - Automatic Drainage

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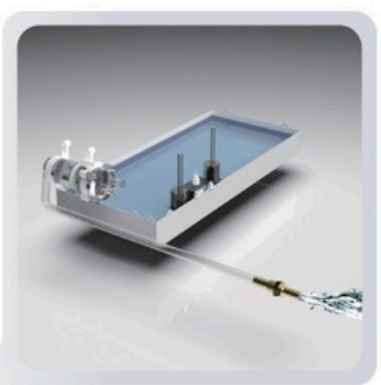
MIA BXF/HRC

Vertical ERV and Dehumidifier (2 in 1 unit)



Built-in fully automatic water pump

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.

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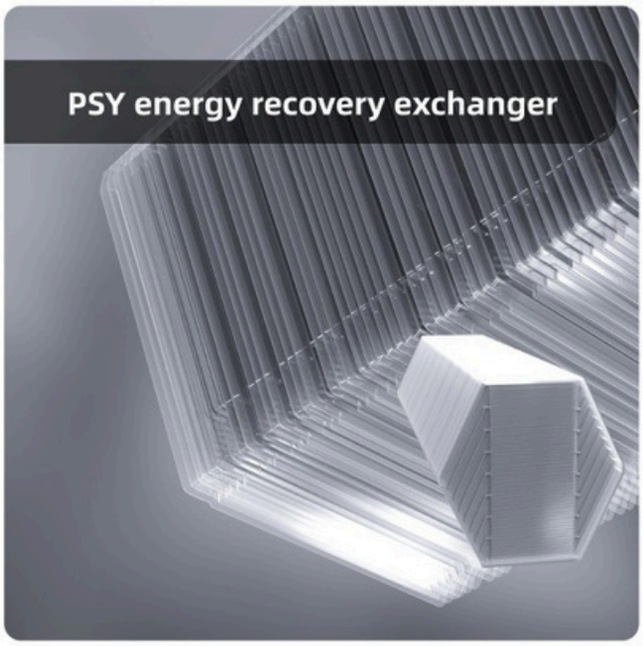
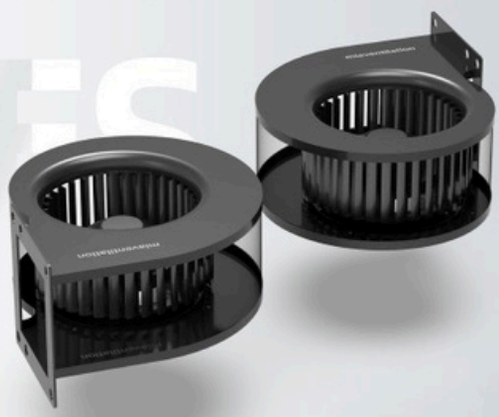


FEATURES

High performance fan



HEPA H13 Filter(Optional)

The sealing property is far more than the paper border with using the plastic margin. To ensure the health and non-pollution, we take the environmental friendly imported sealant, no color and no odor. The filter element that we use is 3M HEPA, meeting the European standard- H13, and the PM2.5 removal rate can be up to 99.97%, this large dust holding capacity helps to save the total cost.

primary activated carbon filter

The sealing property is far more than the paper border with using the plastic margin. The Filter with composite fiber, sprayed with activated carbon powder, can filter dust particle efficiently and the wind resistance is very small. The even-distributed activated carbon powder can maximize the role of activated carbon. This washable filter can be used repeatedly, and two in one way, early effect+activated carbon, greatly reduces the total cost of consumables.

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

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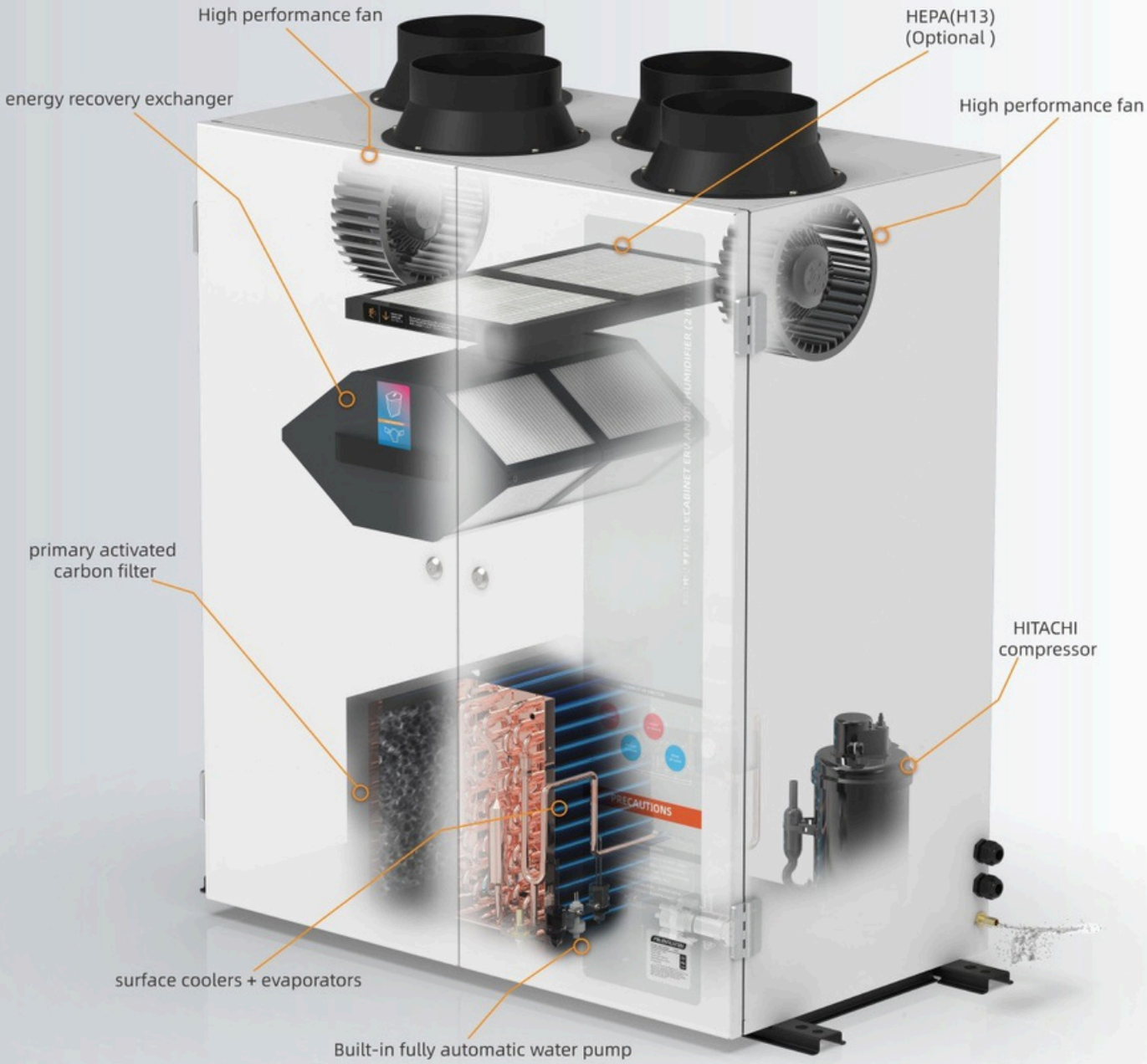
Exploded Views



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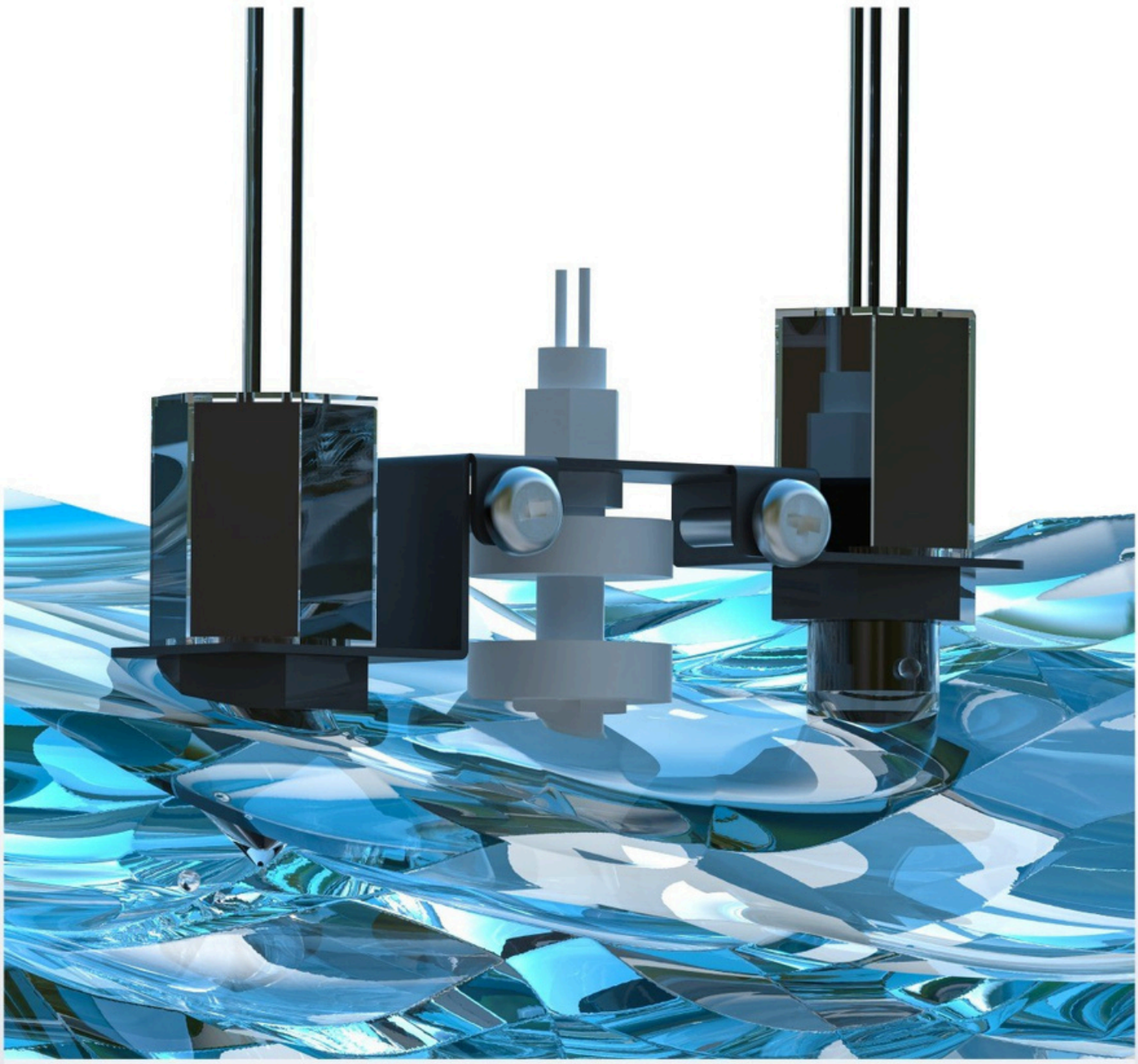
Built-in fully automatic water pump



Low voltage 12V, safe and reliable.

Intelligent high-precision water level sensor, and high water level protection function, which can effectively prevent ceiling soaking in water.

High-precision laser water level sensor, realizing intelligent low-noise drainage.

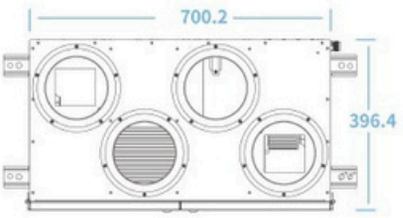
Placed inside the electrical box, easy for maintenance.

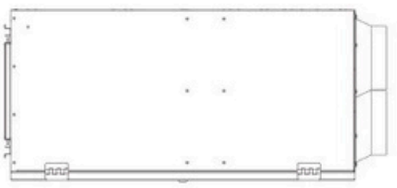
The figure above is a schematic diagram of the structure, which is subject to the actual object.

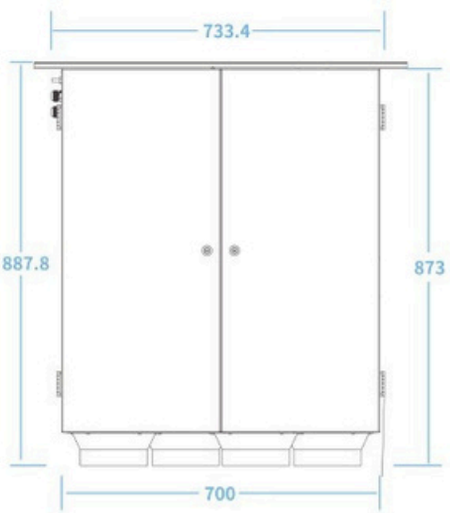
dimensions

Vertical ERV & Dehumidifier
(2 in 1 Unit)

model : MIA-35BXF/HRC
voltage : 220V
power : 380W
volume : 350m³/h
pressure : ≈255Pa
dehumidification : 33L/D
efficiency : ≈68%~73%
noise : 43~49dB(A)
size : 700×396×888mm
N.W:59KG



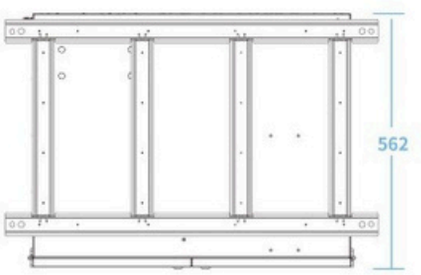


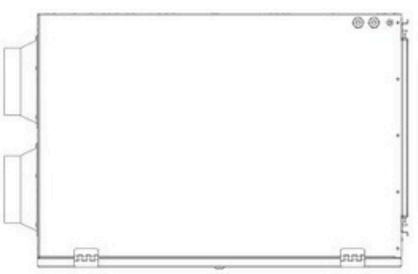


dimensions

Vertical ERV & Dehumidifier
(2 in 1 Unit)

model : MIA-50BXF/HRC
voltage : 220V
power : 585W
volume : 500m³/h
pressure : ≈265Pa
dehumidification : 58L/D
efficiency : ≈66%~71%
noise : 45~53dB(A)
size : 700×562×888mm
N.W:79KG





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Central ERV & dehumidifier (2 in 1 Unit) - Upgraded fully automatic drainage style

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.

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

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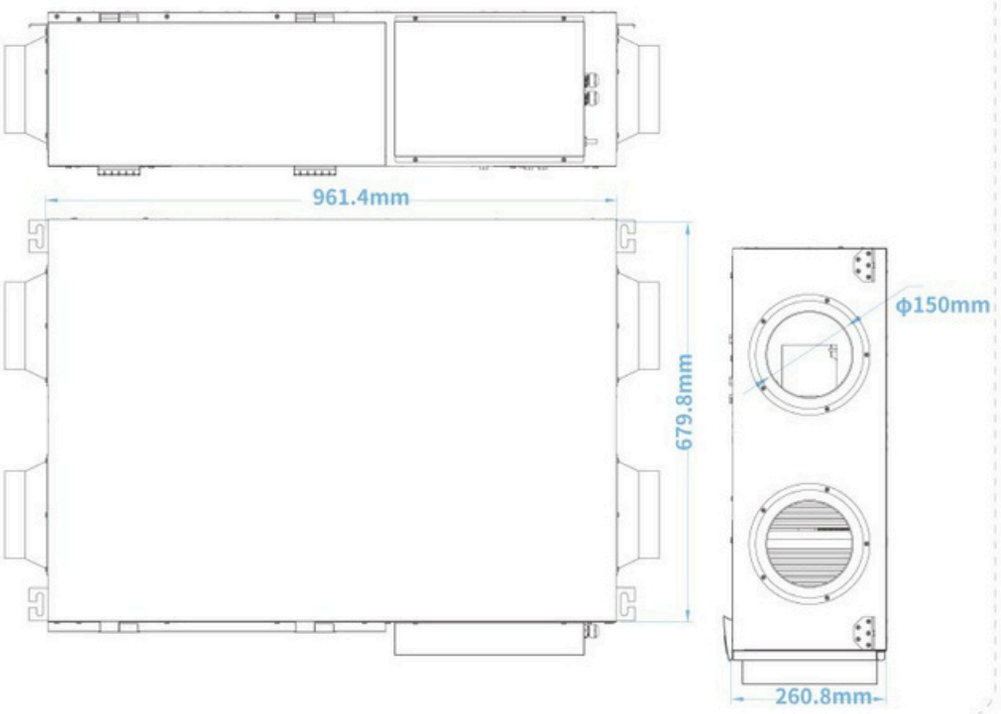
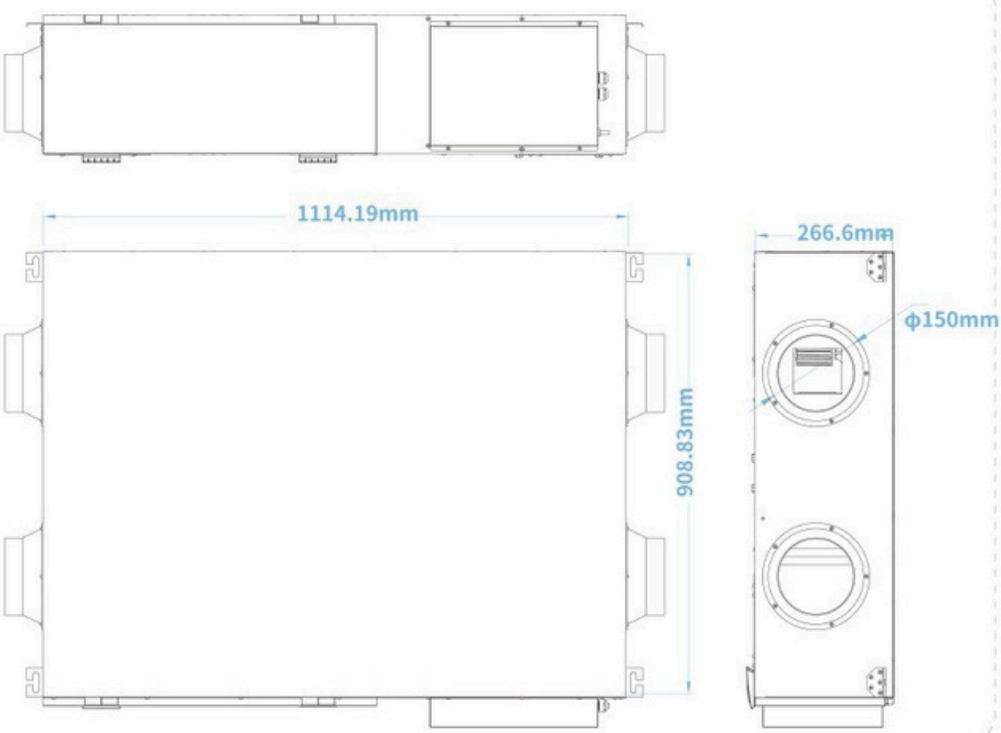
Technical Parameters



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

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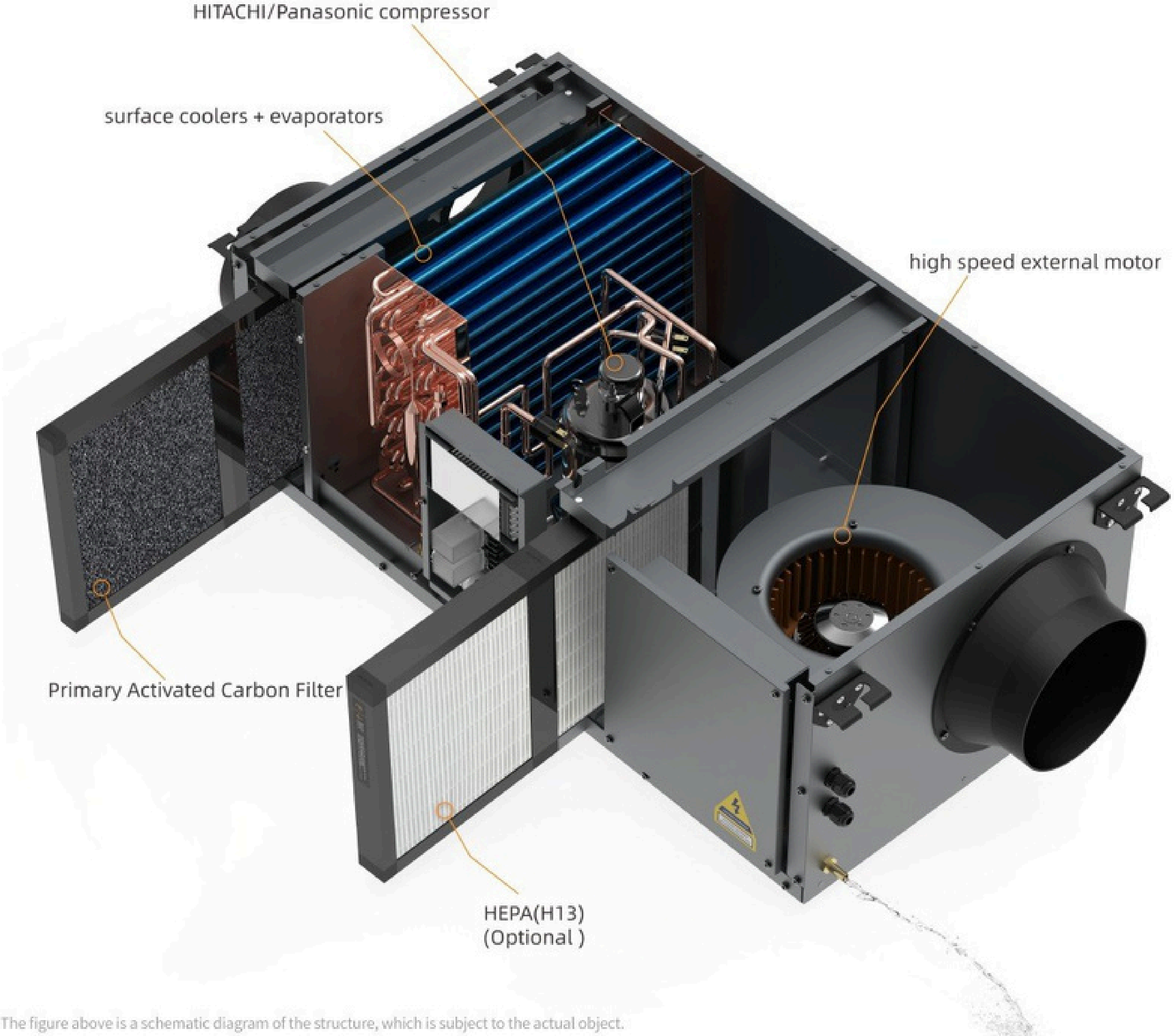
MIA Central Fresh Air Dehumidifier

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

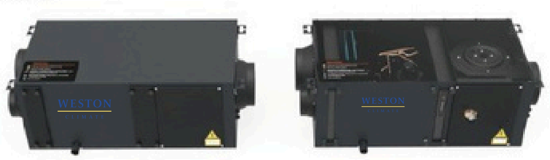
Working Principle: Extract outdoor air into the equipment, being filtered, and then sent into the room. At the same time, the inroom humid air will be sucked into the equipment, being dehumidified by the compressor surface cooler evaporatorand and and purified by filters, and then sent back to the room. 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

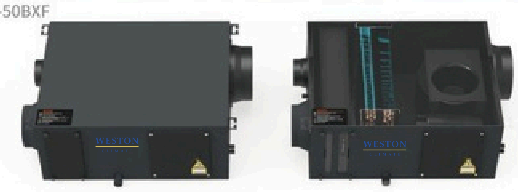


The figure above is a schematic diagram of the structure, which is subject to the actual object.

MIA-35BXF



MIA-50BXF



MIA-80XF

MIA-150XF/MIA-200XF

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

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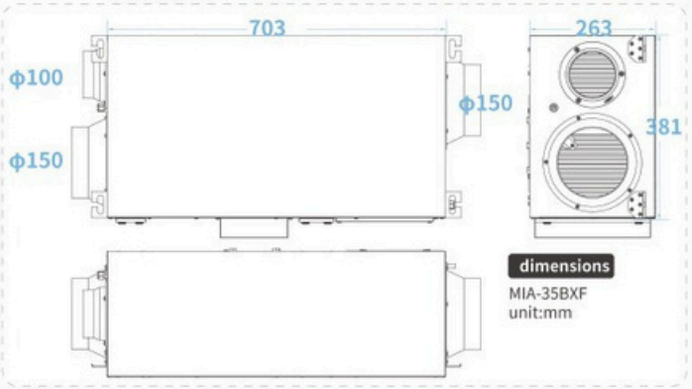
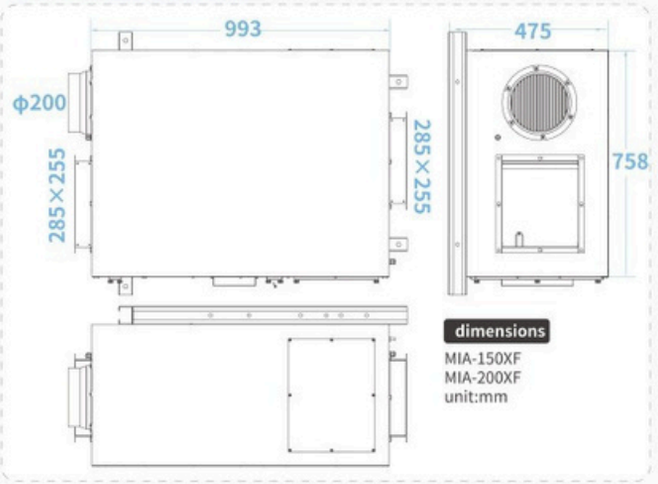
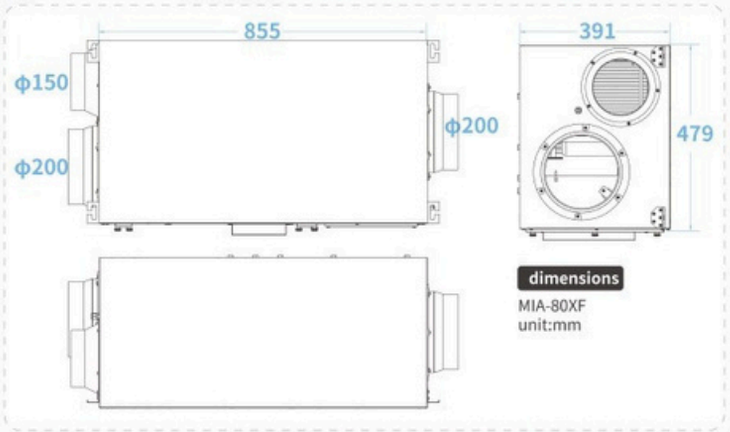
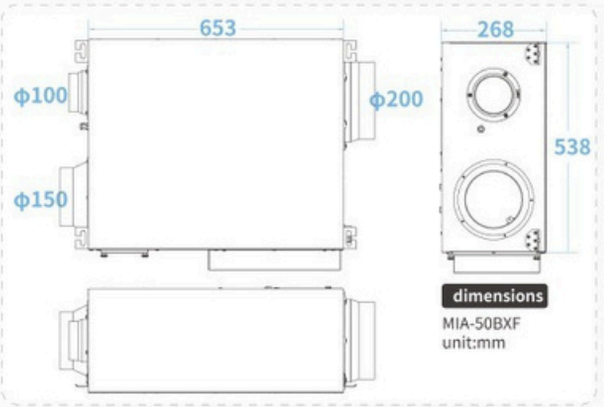
Technical Parameters









Technical Parameters

Model	Voltage	Power	Volume	Pressure	Dehumidification	Applicable area	Air volume	External Dimensions	Weight	dB(A)
MIA-35BXF	220V	380W	350m³/h	185Pa	35L/D	30~60m²	0~150m³/h	703×381×263mm	30kg	47
MIA-50BXF	220V	585W	500m³/h	220Pa	60L/D	60~100m²	0~180m³/h	653×538×268mm	40kg	49
MIA-80XF	220V	960W	800m³/h	165Pa	85L/D	100~180m²	0~250m³/h	855×479×391mm	54kg	50
MIA-150XF	220V	2400W	1500m³/h	170Pa	200L/D	300~500m²	0~500m³/h	993×758×475mm	80kg	52
MIA-200XF	220V	2486W	2000m³/h	185Pa	220L/D	400~600m²	0~650m³/h	993×758×475mm	83kg	53

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Central Dehumidifier

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

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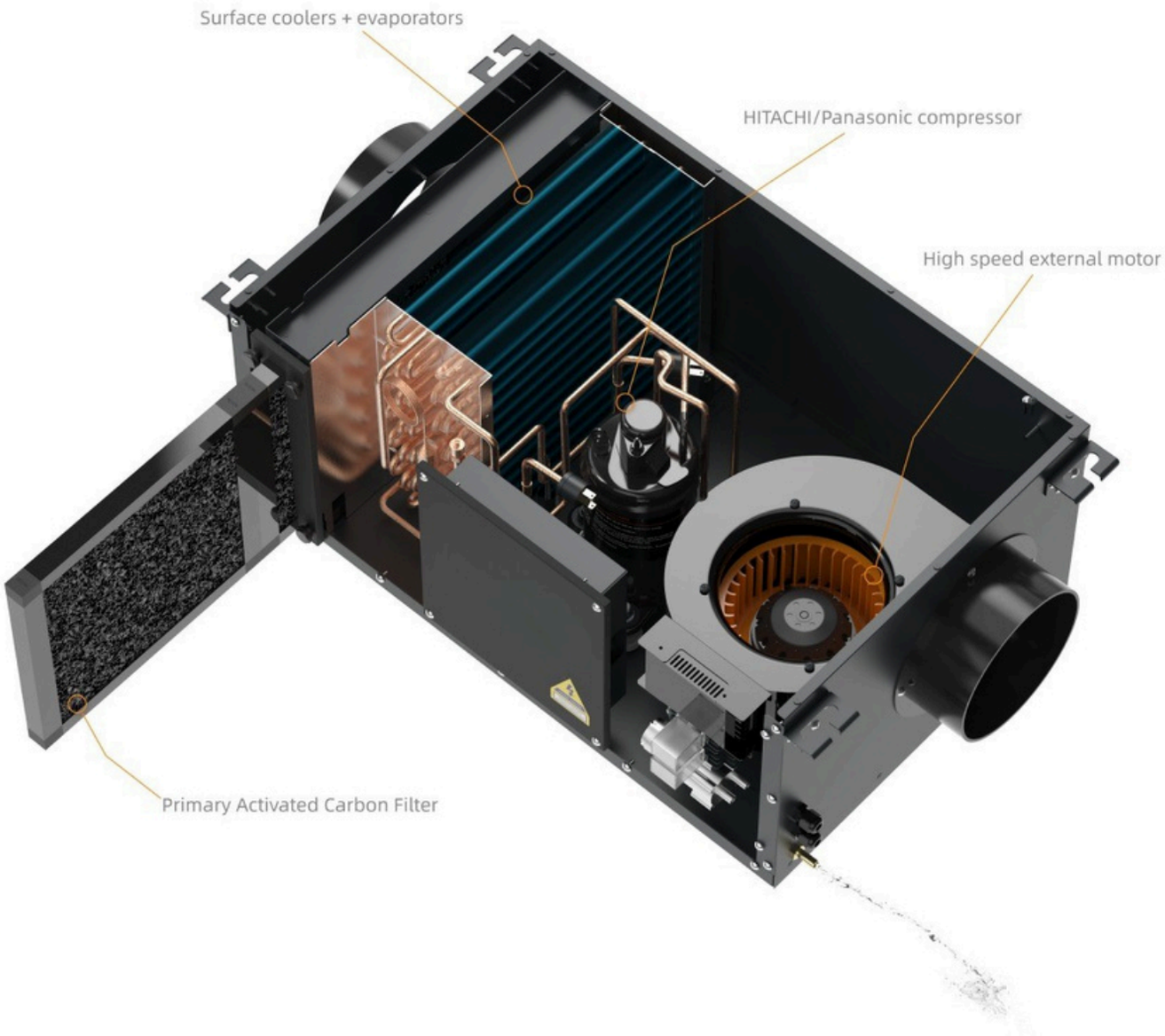

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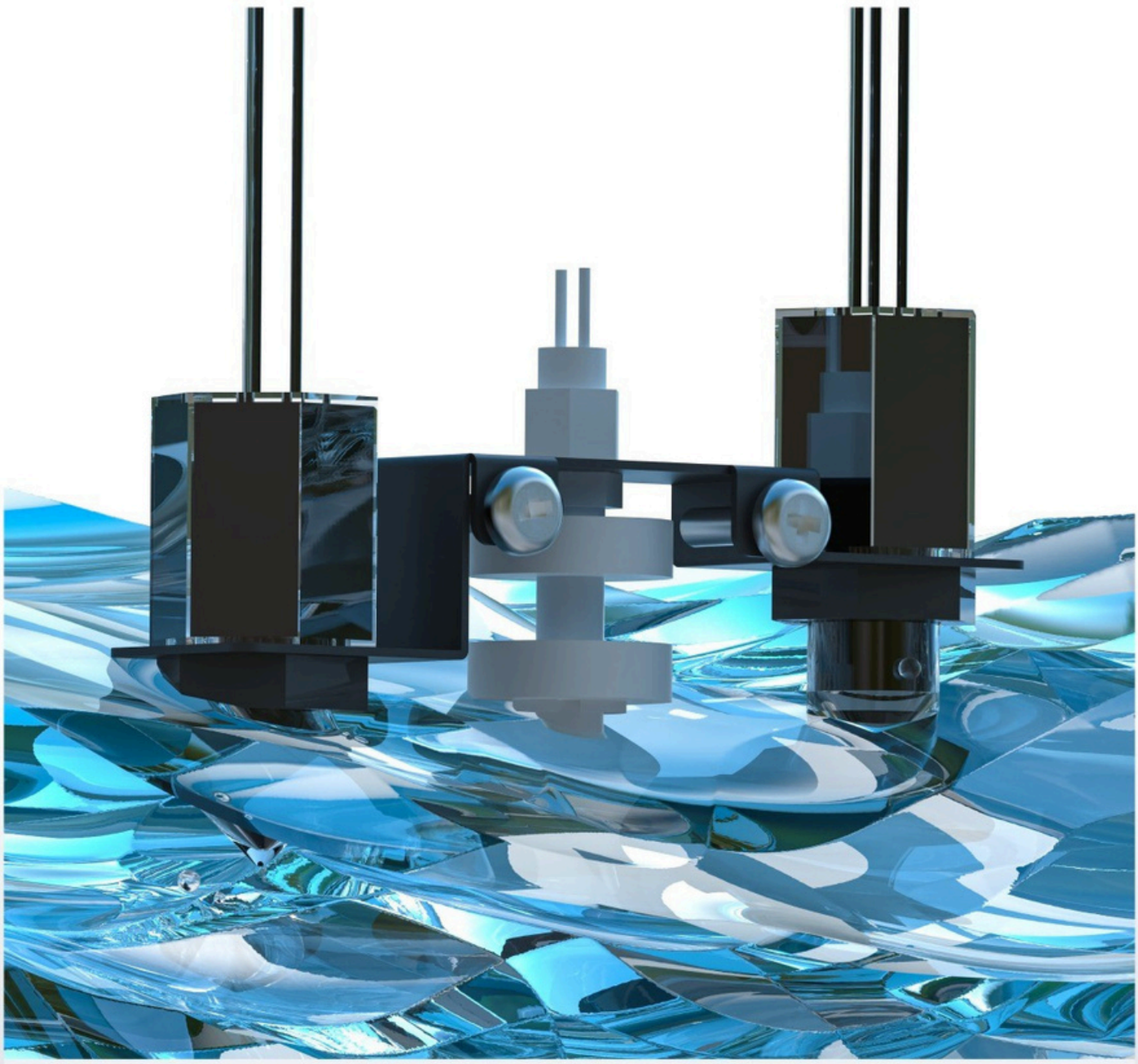
Built-in fully automatic water pump



Low voltage 12V, safe and reliable.

Intelligent high-precision water level sensor, and high water level protection function, which can effectively prevent ceiling soaking in water.

High-precision laser water level sensor, realizing intelligent low-noise drainage.

Placed inside the electrical box, easy for maintenance.

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

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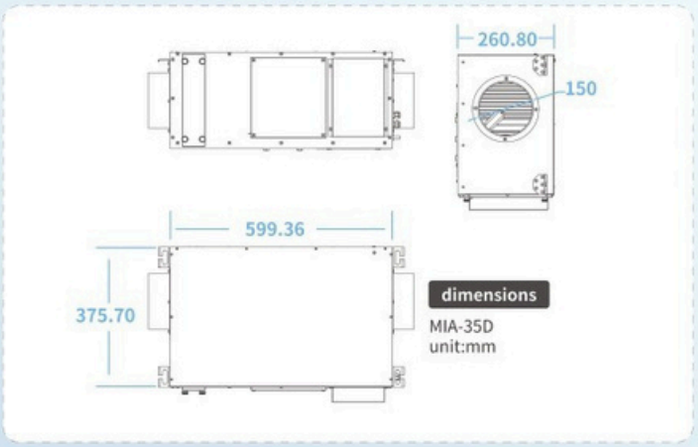
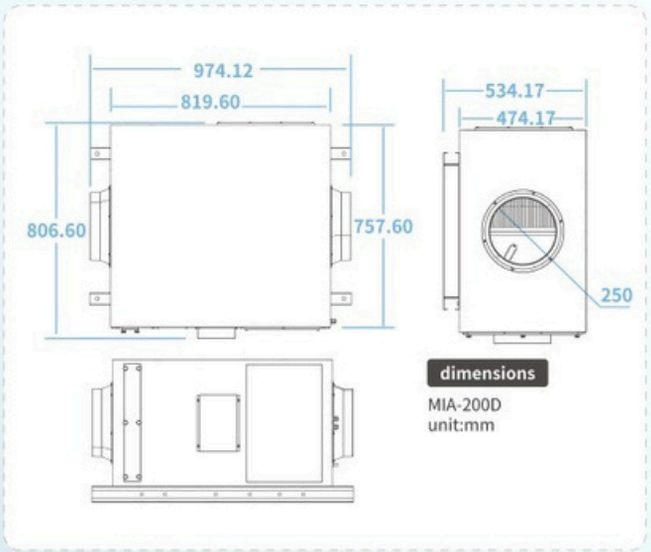
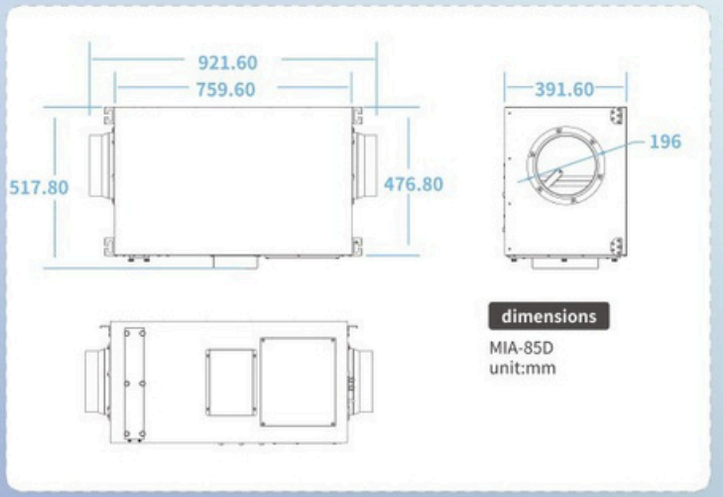


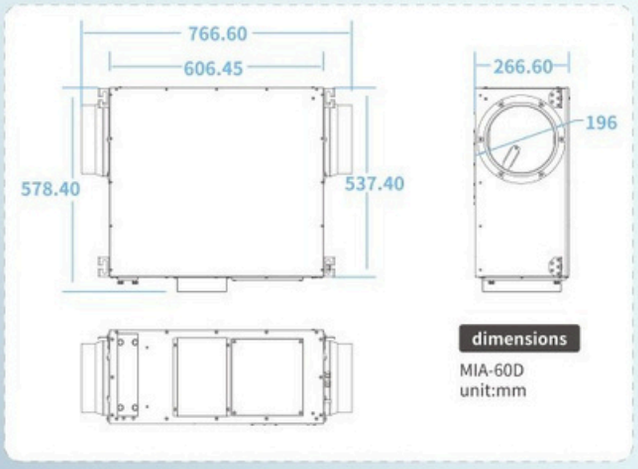
dimensions
MIA-35D
unit:mm



dimensions
MIA-200D
unit:mm



dimensions
MIA-85D
unit:mm



dimensions
MIA-60D
unit:mm

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