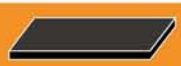
Console Type Energy Recovery Ventilation System *(AC outer rotor fan / DC brushless fan)*

MIA AHE · B | MIA AHE · B/C

Ground Air-supplying Series

high speed external rotor motor

name	model	filter
energy recovery ventilation	MIA-AHE · NB MIA-AHE · NB/C	
multiple filtered ERV	MIA-AHE · GLB MIA-AHE · GLB/C	
high-voltage electrostatic dust ERV	MIA-AHE · JDB MIA-AHE · JDB/C	

High Speed External Rotor Motor： Japan NMB bearings,life more than 80000 hours.

Washable Energy Recovery Exchanger: The PSY high thermal conductivity of molecular material, developed by Japanese DR team, has high energy recovery efficiency.

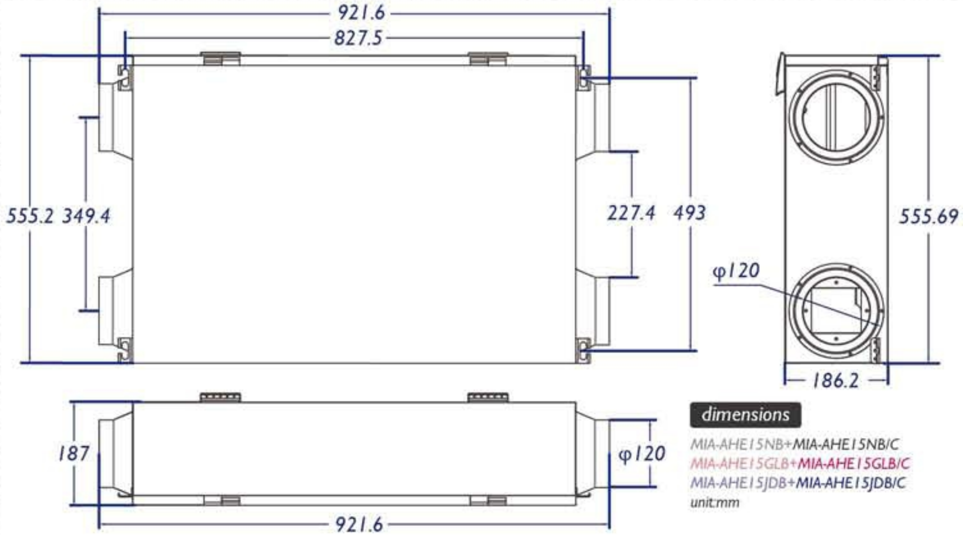
"0"PM2.5 Extremely Pure Air: European standard H13 high efficiency≥99.97%

Technical Parameters / External Dimensions

Model	Voltage	Power	Volume	Pressure	Efficiency	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-AHE15NB+MIA-AHE15NB/C	220V	122W/92W	150m³/h	290Pa	86%~92%	30dB(A)	800	556	187	120	19.5kg
MIA-AHE25NB+MIA-AHE25NB/C	220V	178W/166W	250m³/h	370Pa	86%~89%	32dB(A)	866.5	641	229	150	26.5kg
MIA-AHE35NB+MIA-AHE35NB/C	220V	246W/233W	350m³/h	392Pa	85%~88%	35dB(A)	880	686	260	150	31.5kg
MIA-AHE50NB+MIA-AHE50NB/C	220V	453W/288W	500m³/h	425Pa	84%~87%	37dB(A)	1110	846	260	200	45kg

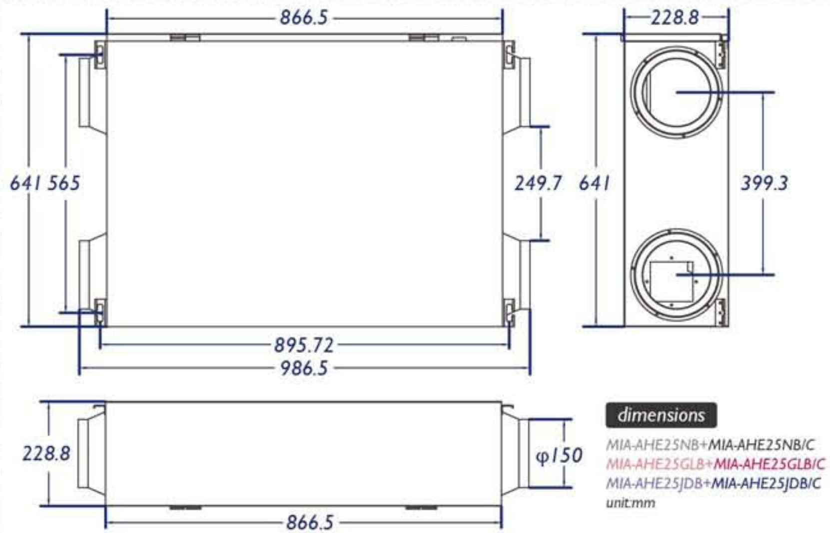
Technical Parameters / External Dimensions

Model	Voltage	Power	Volume	Pressure	Efficiency	Noise	a(mm)	b(mm)	h(mm)	Φd(mm)	Weight
MIA-AHE15JDB/MIA-AHE15GLB+MIA-AHE15JDB/C MIA-AHE15GLB/C	220V	130W/98W	150m³/h	285Pa	86%~92%	31dB(A)	800	556	187	120	19.6kg
MIA-AHE25JDB/MIA-AHE25GLB+MIA-AHE25JDB/C MIA-AHE25GLB/C	220V	182W/176W	250m³/h	360Pa	86%~89%	33dB(A)	866.5	641	229	150	26.8kg
MIA-AHE35JDB/MIA-AHE35GLB+MIA-AHE35JDB/C MIA-AHE35GLB/C	220V	265W241W	350m³/h	385Pa	85%~88%	36dB(A)	880	686	260	150	31.6kg
MIA-AHE50JDB/MIA-AHE50GLB+MIA-AHE50JDB/C MIA-AHE50GLB/C	220V	462W306W	500m³/h	420Pa	84%~87%	38dB(A)	1110	846	260	200	45.5kg



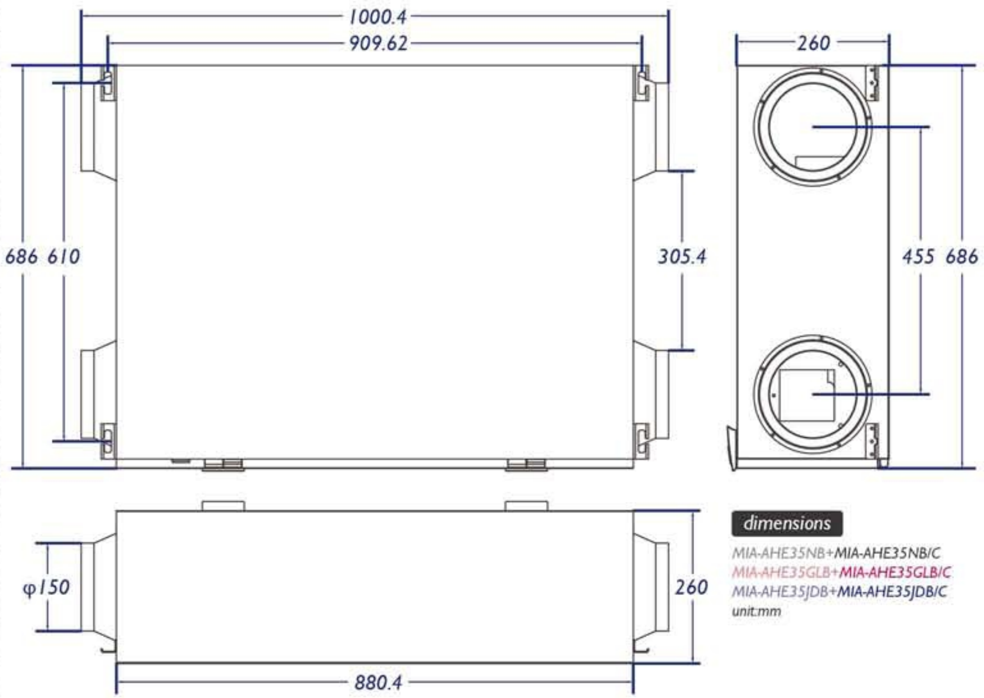
dimensions

MIA-AHE15NB+MIA-AHE15NB/C
MIA-AHE15GLB+MIA-AHE15GLB/C
MIA-AHE15JDB+MIA-AHE15JDB/C
unit:mm



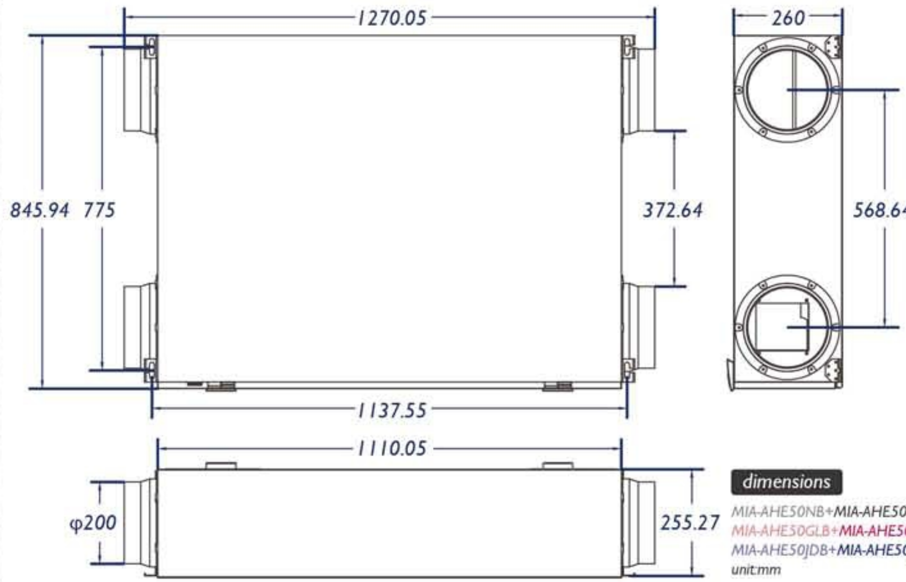
dimensions

MIA-AHE25NB+MIA-AHE25NB/C
MIA-AHE25GLB+MIA-AHE25GLB/C
MIA-AHE25JDB+MIA-AHE25JDB/C
unit:mm



dimensions

MIA-AHE35NB+MIA-AHE35NB/C
MIA-AHE35GLB+MIA-AHE35GLB/C
MIA-AHE35JDB+MIA-AHE35JDB/C
unit:mm



dimensions

MIA-AHE50NB+MIA-AHE50NB/C
MIA-AHE50GLB+MIA-AHE50GLB/C
MIA-AHE50JDB+MIA-AHE50JDB/C
unit:mm

Energy Recovery Exchanger

*The **PSY** high thermal conductivity of molecular material, developed by Japanese DR team, has high heat recovery efficiency. It can infiltrate water molecules in the process of heat exchange;with the washable material， also can avoid the problem of bacteria and molds production.*

High-voltage Electrostatic Dust

With pin type electric discharge way,the high-voltage electrostatic dust can replace the traditional tungsten filament high-voltage electrostatic dust collection. It's thickness is only 4cm, can be suitable for all kinds of models.The removal rate of PM2.5 is highly to 98%, so that can effectively kill the bacteria and prevent the infection. It's washable, also can be cleaned with brush, and will not increase the using cost.

High Efficiency Particulate Air Filter

*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 enviromental 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.*

Early Effect+Activated Carbon

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 ilter dust particle efficiently and the wind resistance is very small.The even-distributed activated carbon power 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.

