



## 3D three-dimensional air supply

## Medium and High ESP DUCT

**With makings fastidious**  
Air guide plate, shutter adopts PC+ABS, high temperature resistance, not easy to deformation, color and luster lasting.

**Sympathetic function**  
The panel parameters are displayed in invisible mode, which makes it softer. The temperature display and color transformation of refrigeration and heating are green and red, which are more classy.

**Details of the outstanding using at ease**  
The air inlet grille can be dismantled and cleaned by pulling the buckle, which is more convenient.

**Fashionable and beautiful**  
Streamline design, automatic shutdown, no ash accumulation, beautiful atmosphere, hidden installation and home decoration perfect combination, highlight grade.

The horizontal louver is driven by two motors, which makes it easier to run.

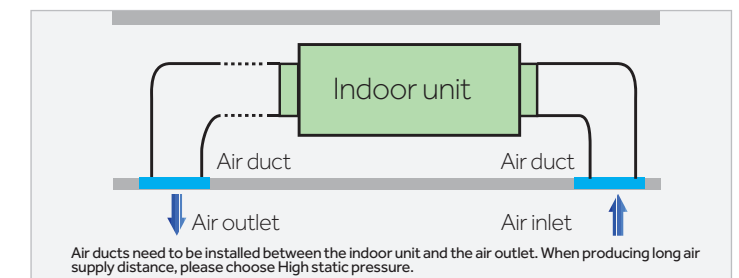
Vertical louvers are driven by an electric motor and run freely.

**3D three-dimensional air supply**

- Pendulum blade two motor control, vertical louver one motor control, easy to operate.
- Free swing wind between 30-80 degrees up and down, swing wind around 90 degrees, 3D three-dimensional air supply, wide Angle of air supply.

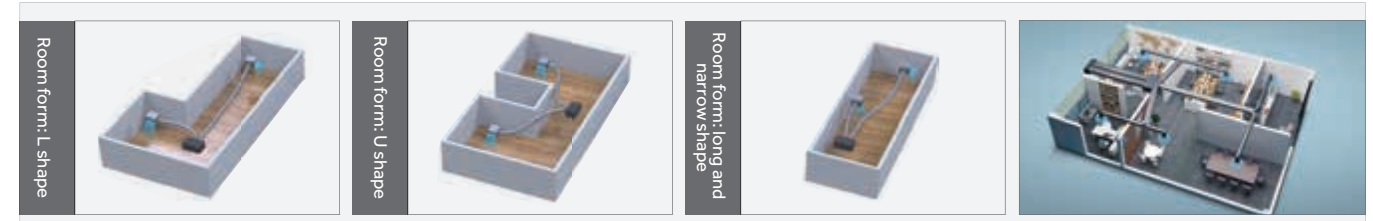
### Static pressure optional, meet different needs

According to users requirements, the static pressure can be adjusted by wire controller instead of the traditional way of changing the red and white terminals. The maximum static pressure of the whole series can reach 200Pa.



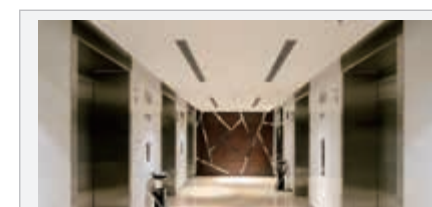
### Air duct connection more room to share

The unit can connect multiple rooms through air duct, and can be flexibly arranged according to different house types, one air conditioner, multi-room sharing.



### Hidden design, more beautiful

Thin height design, the unit can be easily placed in the ceiling, only the air outlet exposed, can not feel the existence of indoor unit, so that the indoor space suddenly open.



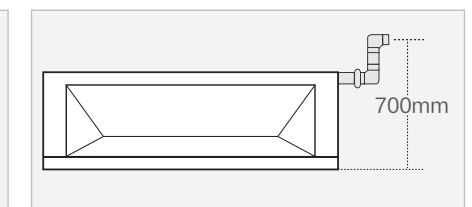
### Free setting air outlet humanization setting

Due to the use of pipe air supply, according to the room environment and user requirements to freely choose the number of air outlet and installation position, fully consider the load of the room and room temperature balance, to achieve a more perfect and comfortable feeling.



### High lift-up drain pump

Standard condensate water lifting pump, standard head 700mm, special models customized range up to 1200mm, and built-in float switch, convenient to cooperate with the actual situation of the site, condensate water discharge air conditioning.





Medium ESP  
**DUCT** (50/100Pa)



HW-BA116ABK YR-E17A HW-BA101ABT YR-E16B YR-HRS01  
\*1. HW-BA116ABK, YR-E17A and HW-BA101ABT have built-in infrared signal receiver. YR-E16B no such function

Medium ESP  
**DUCT** (50/100Pa)

Model/Indoor unit			AD052MJERAB	AD072MJERAB	AD092MJERAB	AD122MJERAB	AD162MJERAB	AD182MJERAB	AD242MJERAB	AD282MJERAB	AD302MJERA	AD382MJERA	AD482MJERA	AD542MJERA
Capacity	Cooling	kBtu/h	5.1	7.5	9.5	12.3	15.3	19.1	24.2	27.3	30.7	38.2	47.8	54.6
		kW	1.5	2.2	2.8	3.6	4.5	5.6	7.1	8	9	11.2	14	16
	Heating	Btu/h	5.8	8.5	10.9	13.6	17.1	21.5	27.3	30.7	34.1	44.4	55.6	61.4
		kW	1.7	2.5	3.2	4	5	6.3	8	9	10	13	16.3	18
Electrical Parameters	Power supply	PhV/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H)	m <sup>3</sup> /h	630/510/424	630/510/424	630/510/424	630/510/424	740/550/442	980/840/760	1174/1080/960	1174/1080/960	1500/1180/930	1700/1300/900	2000/1700/1250	2000/1700/1250
Performance	Sound pressure level(H/M/L)	dB(A)	35/33/31	35/33/31	35/33/31	35/33/31	35/33/31	36/34/32	40/37/34	42/38/34	42/38/34	42/39/35	43/40/35	43/40/35
	Sound power level(H/M/L)	dB(A)	39/37/35	39/37/35	39/37/35	39/37/35	39/37/35	40/38/36	44/41/38	46/42/38	46/42/38	46/33/39	47/44/39	47/44/39
Installation	External dimensions(W/D/H)	mm	700/700/248	700/700/248	700/700/248	700/700/248	700/700/248	1100/700/248	1100/700/248	1100/700/248	1100/700/248	1500/700/248	1500/700/248	1500/700/248
	Shipping dimensions(W/D/H)	mm	932/835/280	932/835/280	932/835/280	932/835/280	932/835/280	1332/835/280	1332/835/280	1332/835/280	1332/835/280	1698/857/305	1698/857/305	1698/857/305
	Net/Shipping weight	kg	27/32	27/32	27/32	27/32	28.5/33.5	36.8/43.5	37/43.4	37/43.6	39.4/45.4	48.3/56.5	51.3/59.5	51.3/59.5
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52	9.52	9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7	12.7	12.7	15.88	15.88	15.88	15.88	15.88	15.88
	Static Pressure(Standard/Max)	Pa	50/100	50/100	50/100	50/100	50/100	50/100	50/100	50/100	50/100	50/100	50/100	50/100
Drain pump	O-optional,S-standard,W-without		S	S	S	S	S	S	S	S	S	S	S	S
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
		/	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
	Infrared(Optional)	/	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01



50/100Pa



Only 248mm thick



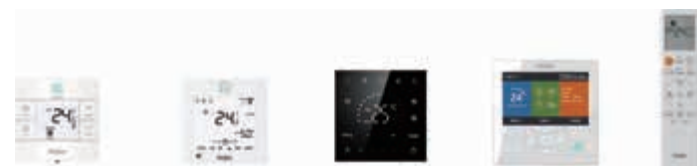
Built-in drain pump



All module can realize 50/60Hz



# High ESP DUCT (20/200Pa)



HW-BA116ABK YR-E17A HW-BA101ABT YR-E16B YR-HRS01

\*1. HW-BA116ABK, YR-E17A and HW-BA101ABT have built-in infrared signal receiver. YR-E16B no such function

# High ESP DUCT (20/200Pa)

Model/Indoor unit			AD052MJERAD	AD072MJERAD	AD092MJERAD	AD122MJERAD	AD162MJERAD	AD182MJERAD	AD242MJERAD	AD282MJERAD	AD302MJERAD	AD382MJERAD	AD482MJERAD	AD542MJERAD
Capacity	Cooling	HP	0.5	0.8	1.0	1.25	1.7	2.0	2.5	3.0	3.2	4.0	5.0	6.0
		kBtu/h	5.1	7.5	9.6	12.3	15.3	19.1	24.2	27.3	30.7	38.2	47.8	54.6
	Heating	kW	1.5	2.2	2.8	3.6	4.5	5.6	7.1	8	9	11.2	14	16
		kBtu/h	5.8	8.5	10.9	13.7	17	21.5	27.3	30.7	34.1	44.4	55.6	61.4
Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Net Product	mm	700/700/248	700/700/248	700/700/248	700/700/248	700/700/248	1100/700/248	1100/700/248	1100/700/248	1100/700/248	1500/700/248	1500/700/248	1500/700/248
Dimensions	Shipping Product	mm	932/835/280	932/835/280	932/835/280	932/835/280	932/835/280	1332/835/280	1332/835/280	1332/835/280	1332/835/280	1698/857/305	1698/857/305	1698/857/305
	Weight	Product Net/Shipping	kg	27/32	27/32	27/32	27/32	28.5/33.5	36.8/43.4	36.8/43.4	36.8/43.4	39.4/45.4	48.3/56.5	51.3/59.5
Fan	Static Pressure(Standard/Max)	Pa	20/200	20/200	20/200	20/200	20/200	20/200	20/200	20/200	20/180	20/180	20/180	20/180
	Air flow (H/M/L)	m³/h	515/440/390	545/470/390	545/470/390	570/495/420	700/625/550	915/765/640	1275/1050/875	1275/1050/875	1450/1200/1000	2000/1700/1400	2150/1750/1400	2350/1950/1600
Sound level	Sound pressure level(H/M/L)	dB(A)	29/27/25	30/28/25	30/28/25	31/29/27	32/30/28	33/31/29	34/31/29	35/33/30	36/33/30	38/35/32	40/36/32	42/38/34
	Sound power level(H/M/L)	dB(A)	41/39/37	42/40/37	42/40/37	43/41/39	44/42/40	45/43/41	46/43/41	47/45/42	48/45/42	50/47/44	52/48/44	54/50/46
Piping	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52	9.52	9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7	12.7	12.7	15.88	15.88	15.88	15.88	15.88	15.88
Drain pump	O-optional, S-standard, N-not	/	S	S	S	S	S	S	S	S	S	S	S	S
Controller	Wired(Optional)	/	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		/	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
	/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
	Infrared(Optional)	/	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01



DC fan motor



Only 248mm thick



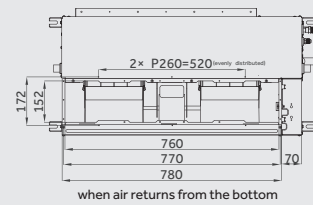
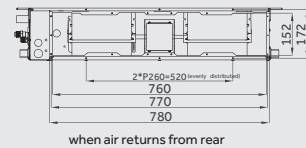
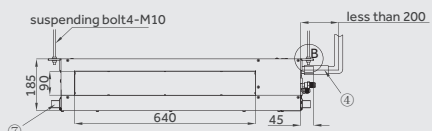
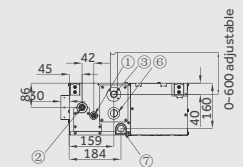
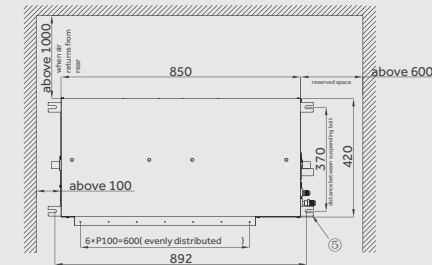
Built-in drain pump



All module can realize 50/60Hz

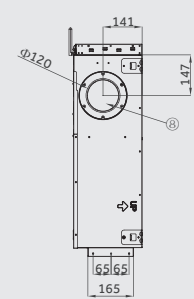
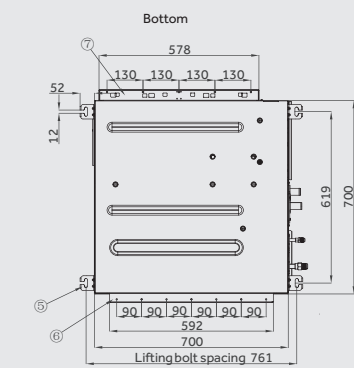
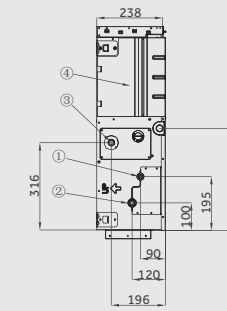
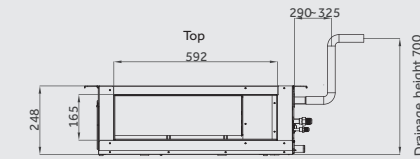
# Dimensions

- Low ESP Slim Duct**(0/15/30Pa) AD052MSERA(H) AD072MSERA(H) AD092MSERA(H) AD122MSERA(H) AD162MSERA(H)  
**Low ESP Slim Duct**(0/15/30Pa) AD052MSERA(D) AD072MSERA(D) AD092MSERA(D) AD122MSERA(D) AD162MSERA(D)  
**Low ESP Slim Duct**(0/30Pa) AD052MSERA AD072MSERA AD092MSERA AD122MSERA AD162MSERA



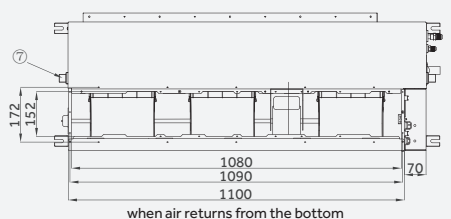
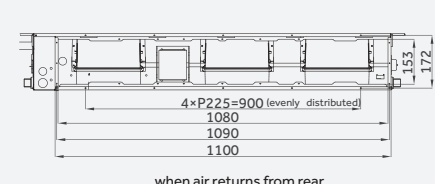
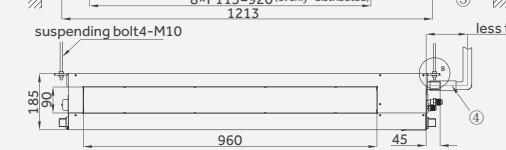
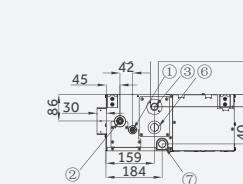
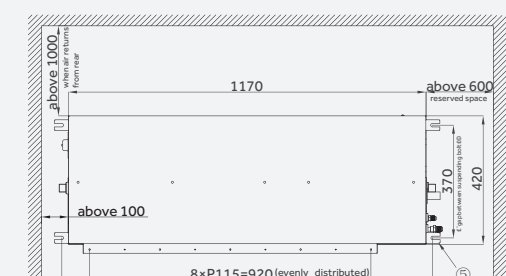
SN	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain hose with pump
4	Drain hose(accessory)
5	sSuspending point
6	Checking hole
7	Water drainage outlet

- High ESP Duct**(20/200Pa) AD052MJERA(H) AD072MJERA(H) AD092MJERA(H) AD122MJERA(H) AD162MJERA(H)  
**Medium ESP Duct**(50/100Pa) AD052MJERAB AD072MJERAB AD092MJERAB AD122MJERAB AD162MJERAB  
**High ESP Duct**(20/200Pa) AD52MJERAD AD72MJERAD AD92MJERAD AD122MJERAD AD162MJERAD



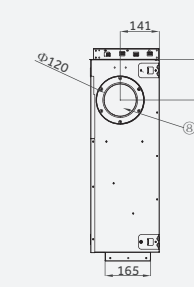
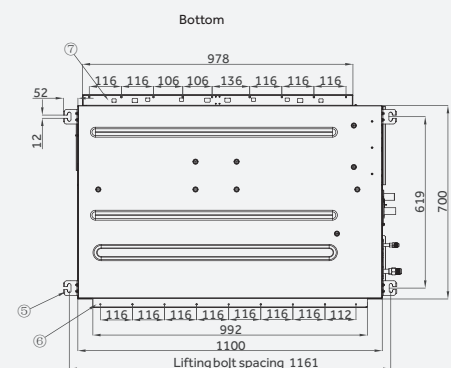
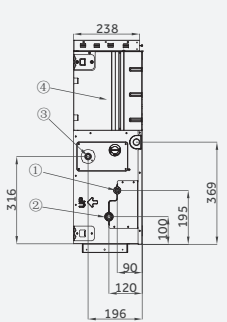
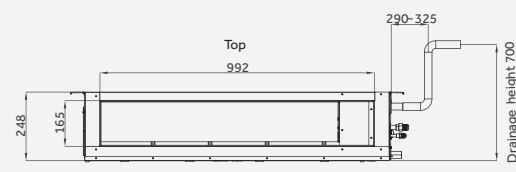
No.	Name
1	Liquid pipe
2	Gas pipe
3	Drain pipe
4	Electronic box assy.
5	Suspension bracket
6	Air outlet
7	Air return
8	Fresh air

- Low ESP Slim Duct**(0/15/30Pa) AD182MSERA(H) AD242MSERA(H)  
**Low ESP Slim Duct**(0/15/30Pa) AD182MSERA(D) AD242MSERA(D)  
**Low ESP Slim Duct**(0/30Pa) AD182MSERA AD242MSERA



SN	Part Name
1	liquid pipe connection
2	gas pipe connection
3	drain hose with pump
4	drain hose(accessory)
5	suspending point
6	checking hole
7	water drainage outlet

- High ESP Duct**(20/200Pa) AD182MJERA(H) AD242MJERA(H) AD282MJERA(H) AD302MJERA(H)  
**Medium ESP Duct**(50/100Pa) AD182MJERAB AD242MJERAB AD282MJERAB AD302MJERAB  
**High ESP Duct**(20/200Pa) AD182MJERAD AD242MJERAD AD282MJERAD AD302MJERAD



No.	Name
1	Liquid pipe
2	Gas pipe
3	Drain pipe
4	Electronic box assy.
5	Suspension bracket
6	Air outlet
7	Air return
8	Fresh air