



MRV INDOOR (Air Guard)

HEALTHY

UVC sterilization

The built-in LED UV lights kill airborne hazards when the air circulates from air inlet, ensuring the clean air out.



Antibacterial filter

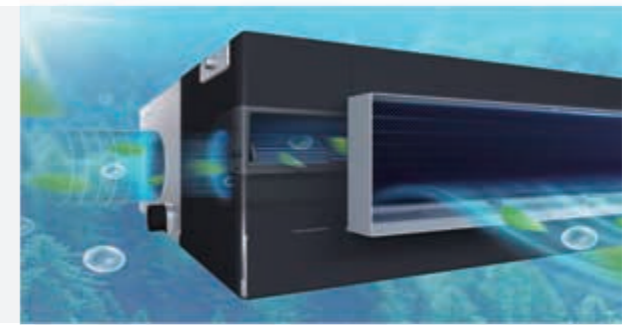
Silver (Ag) is a natural antibacterial material, which has good broad-spectrum antibacterial properties and could motivate bacterial extinction. Haier antibacterial filter has added silver ions and antibacterial organics to kill Escherichia coli & Staphylococcus aureus effectively, with long lasting effects.



HEALTHY

Blowing healthier air

Mold and bacteria are no longer able to grow on the components where air flows through, and silver ions bring no harm to human body. Thus, the air comes out of the air conditioner is always healthy.



Self-cleaning

Make the ODU and IDU cleaning mode conversion without stopping, make full use of the waste heat of the ODU to defrost the IDU with faster speed. Which means when the ODU fins frost to strip the dirt while IDU will defrost and dry the evaporator by using the waste heat of ODU.



EASY INSTALLATION

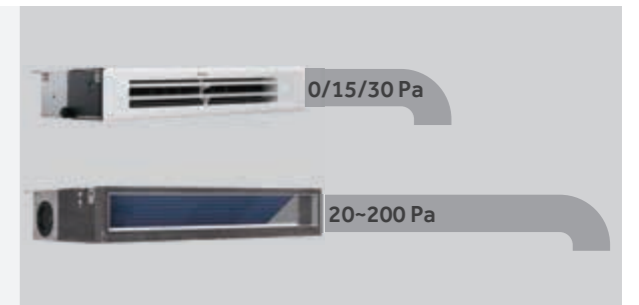
Multi dimensions

Two series duct you can choice, Slim duct & Medium high ESP duct. The height are 185mm and 248mm, suitable for different situations.



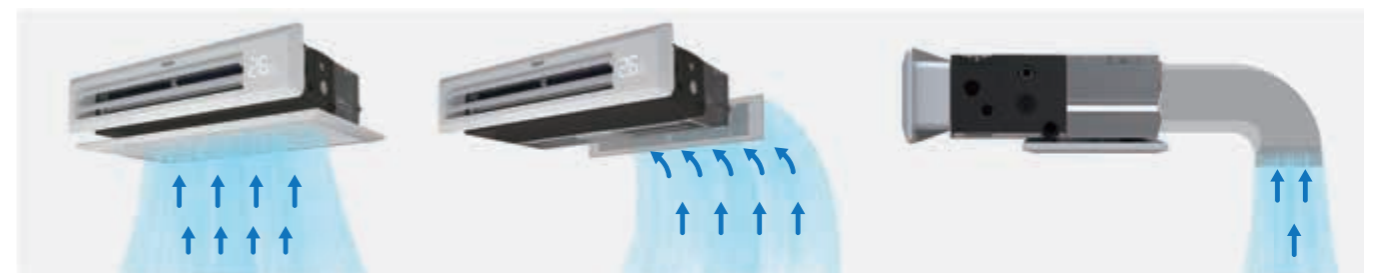
Multi ESP

Two ESP design you can choice, the ESP of Slim duct is 0/15/30 Pa, the ESP of High Medium ESP is 20-200Pa, suitable for different duct pipe length.



This series of duct can be arranged in two air return modes

•Air return from the back (Factory default); •Air return from the bottom (Can be adjusted on site).





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.

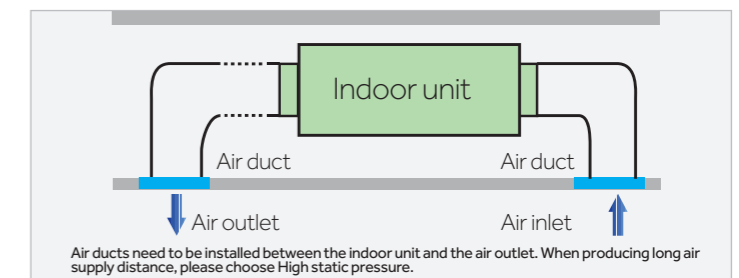
Vertical louvers are driven by an electric motor and run freely.

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.

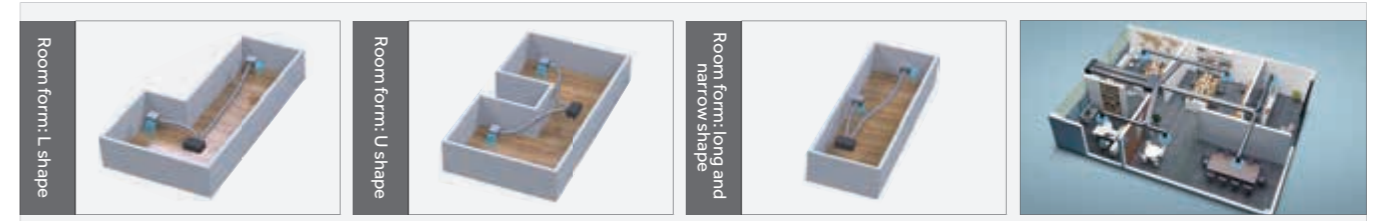
Static pressure optional, meet different needs

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.



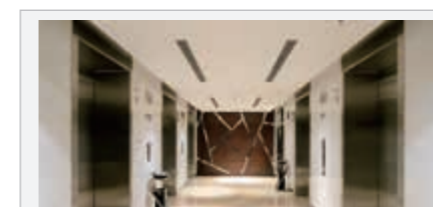
Air duct connection more room to share

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.



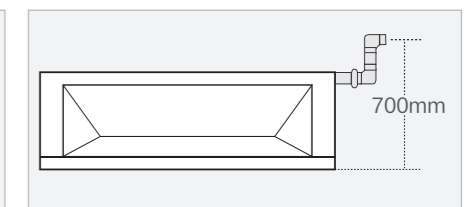
Free setting air outlet humanization setting

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.

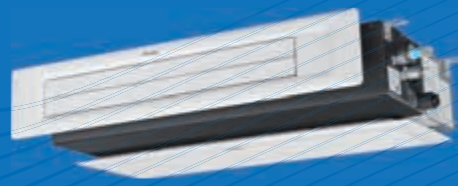


High lift-up drain pump

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.



Low ESP Slim
DUCT (0/15/30Pa)



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
2. The units with panel can directly use the remote controller YR-HD and no need to purchase RE-02

Low ESP Slim
DUCT (0/15/30Pa)

Model/Indoor unit			AD052MSERA(D)	AD072MSERA(D)	AD092MSERA(D)	AD122MSERA(D)	AD162MSERA(D)	AD182MSERA(D)	AD242MSERA(D)
Capacity	Cooling	kBtu/h	5.1	7.5	9.5	12.3	15.3	19.1	24.2
		kW	1.5	2.2	2.8	3.6	4.5	5.6	7.1
	Heating	kBtu/h	5.8	8.5	10.9	13.6	17.1	21.5	27.3
		kW	1.7	2.5	3.2	4	5	6.3	8
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H/M/L)	m³/h	430/370/310	480/420/360	480/420/360	550/430/370	600/540/460	800/690/580	930/850/750
Performance	Sound pressure level(H/M/L)	dB(A)	26/22/19	27/23/20	27/23/20	30/27/24	32/29/26	33/30/27	36/33/30
	Sound power level(H/M/L)	dB(A)	40/36/33	41/37/34	41/37/34	44/41/38	46/43/40	47/44/41	50/47/43
	External dimensions(W/D/H)	mm	850/420/185	850/420/185	850/420/185	850/420/185	850/420/185	1170/420/185	1170/420/185
Installation	Shipping dimensions(W/D/H)	mm	1045/540/270	1045/540/270	1045/540/270	1045/540/270	1045/540/270	1365/540/270	1365/540/270
	Net/Shipping weight	kg	16.5/21.5	17.5/22.5	17.5/22.5	17.5/22.5	18.5/23.5	22.2/28.2	24/30
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7	12.7	12.7	15.88
	Static Pressure(Standard/Max.)	Pa	0/15/30	0/15/30	0/15/30	0/15/30	0/15/30	0/15/30	0/15/30
	Panel model	/	P1B-890IA/D	P1B-890IA/D	P1B-890IA/D	P1B-890IA/D	P1B-890IA/D	P1B-1210IA/D	P1B-1210IA/D
Panel	External dimensions(W/D/H)	mm	890/190/100 (outlet panel)	890/190/100 (outlet panel)	890/190/100 (outlet panel)	890/190/100 (outlet panel)	890/190/100 (outlet panel)	1210/190/100 (outlet panel)	1210/190/100 (outlet panel)
	External dimensions(W/D/H)	mm	890/290.5/32.4 (inlet panel)	890/290.5/32.4 (inlet panel)	890/290.5/32.4 (inlet panel)	890/290.5/32.4 (inlet panel)	890/290.5/32.4 (inlet panel)	1210/290.5/32.4 (inlet panel)	1210/290.5/32.4 (inlet panel)
	Shipping dimensions(W/D/H)	mm	938/335/220	938/335/220	938/335/220	938/335/220	938/335/220	1258/335/220	1258/335/220
	Net/Shipping weight	Kg	4/5	4/5	4/5	4/5	4/5	5/6	5/6
Drain pump	O-optional, S-standard, W-without		S	S	S	S	S	S	
Controller		/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
	Wired(Optional)	/	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
	Infrared (Optional)	/	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01



DC fan motor



Super slim design, only 185mm

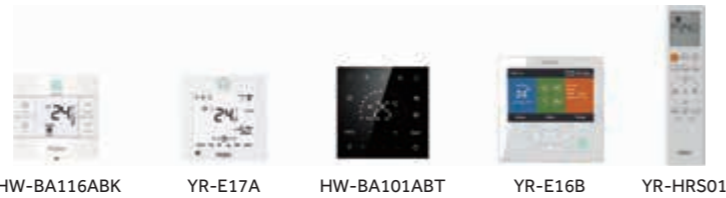
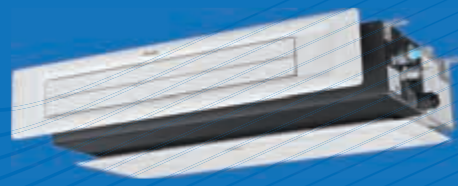


Friendly design of rear or bottom air return



Built-in high head drain pump

Low ESP Slim
DUCT (0/30Pa)



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

Low ESP Slim
DUCT (0/30Pa)

*1. HW-BA116ABK/YR-E17A and HW-BA101ABT have built-in infrared signal receiver. YR-E16B no such function
2. The units with panel can directly use the remote controller YR-HD and no need to purchase RE-02

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		kW	1.7	2.5	3.2	4	5	6.3	8
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H/M/L)	m ³ /h	430/370/310	480/420/360	480/420/360	550/430/370	600/540/460	800/690/580	930/850/750
Performance	Sound pressure level(H/M/L)	dB(A)	26/23/20	27/24/21	27/24/21	30/28/25	33/30/27	33/30/28	36/33/31
	Sound power level(H/M/L)	dB(A)	40/37/34	41/38/35	41/38/35	44/42/39	47/44/41	47/44/42	50/47/44
Installation	External dimensions(W/D/H)	mm	850/420/185	850/420/185	850/420/185	850/420/185	850/420/185	1170/420/185	1170/420/185
	Shipping dimensions(W/D/H)	mm	1045/540/270	1045/540/270	1045/540/270	1045/540/270	1045/540/270	1365/540/270	1365/540/270
	Net/Shipping weight	kg	16.5/21.5	17.5/22.5	17.5/22.5	17.5/22.5	18.5/23.5	22.2/28.2	24/30
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7	12.7	12.7	15.88
	Static Pressure(Standard/Max.)	Pa	0/30	0/30	0/30	0/30	0/30	0/30	0/30
Panel	Panel model	/	P1B-890IA/D	P1B-890IA/D	P1B-890IA/D	P1B-890IA/D	P1B-890IA/D	P1B-1210IA/D	P1B-1210IA/D
	External dimensions(W/D/H)	mm	890/190/100 (outlet panel)	890/190/100 (outlet panel)	890/190/100 (outlet panel)	890/190/100 (outlet panel)	890/190/100 (outlet panel)	1210/190/100 (outlet panel)	1210/190/100 (outlet panel)
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	Shipping dimensions(W/D/H)	mm	938/335/220	938/335/220	938/335/220	938/335/220	938/335/220	1258/335/220	1258/335/220
	Net/Shipping weight	Kg	4/5	4/5	4/5	4/5	4/5	5/6	5/6
Drain pump	O-optional,S-standard,W-without		S	S	S	S	S	S	S
Controller	Wired(Optional)	/	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
	/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
	/	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Infrared (Optional)	/	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01



Reserved fresh air inlet



Super slim design, only 185mm



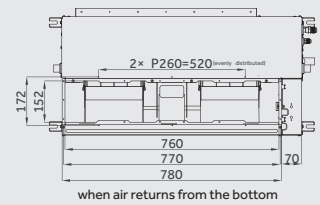
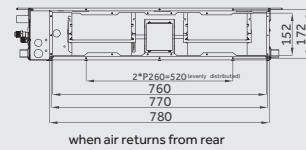
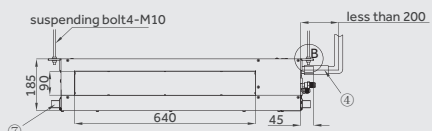
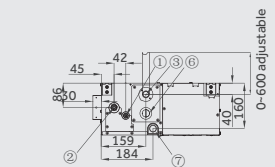
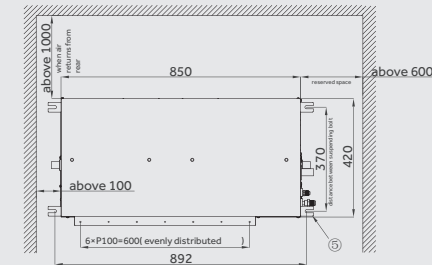
Friendly design of rear or bottom air return



Built-in high head drain pump 1000mm

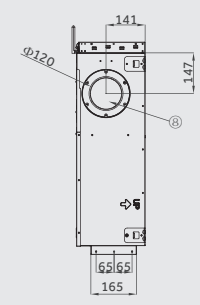
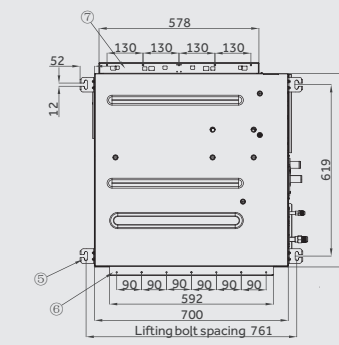
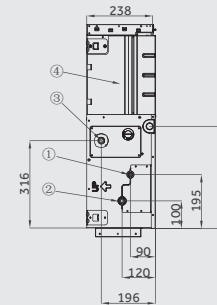
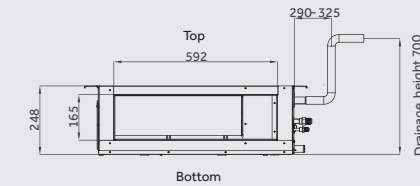
Dimensions

- 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



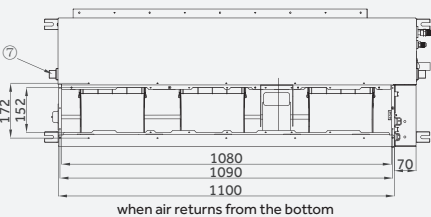
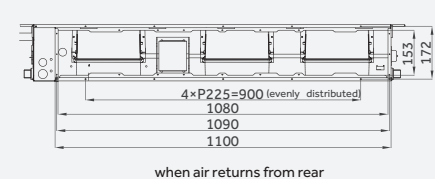
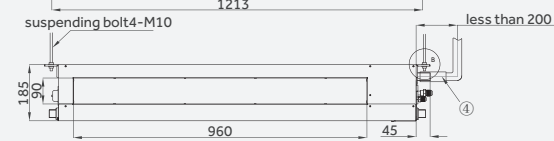
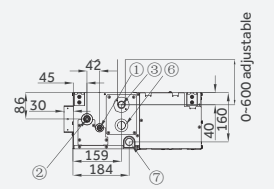
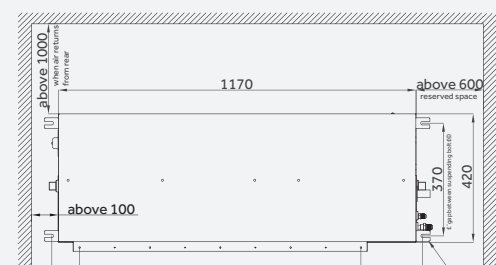
SN	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain hose with pump
4	Drain hose(accessory)
5	sSuspending point
6	Checking hole
7	Water drainage outlet

- 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



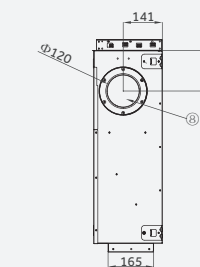
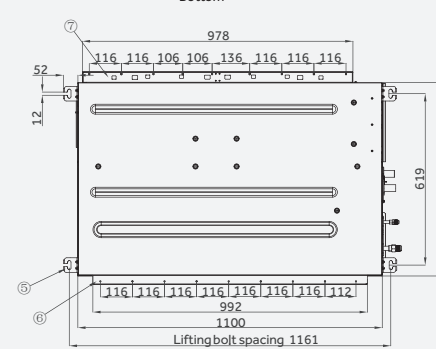
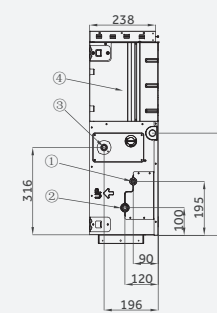
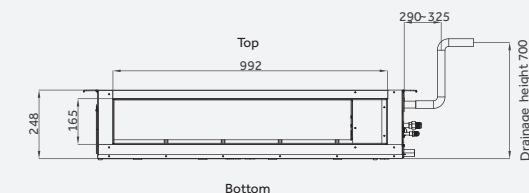
No.	Name
1	Liquid pipe
2	Gas pipe
3	Drain pipe
4	Electronic box assy.
5	Suspension bracket
6	Air outlet
7	Air return
8	Fresh air

- 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