

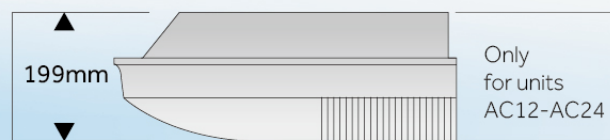
Key Feature



Convertible Type

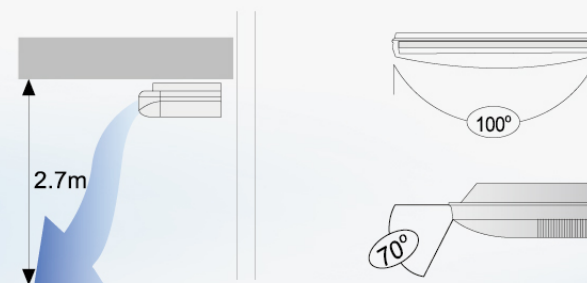
Ultra-thin Unit Body, Thickness Only 199mm (18-24K)

The convertible indoor unit adopts a double drain pan design, the unit body is very thin, only 199mm. It is beautiful, elegant and space saving.



Wide Angle Air Supplying

100° wide angle louvers and 70° wide angle blades design to make a precise control of the airflow, it equally distributes the comfortable air to every corner of the room.

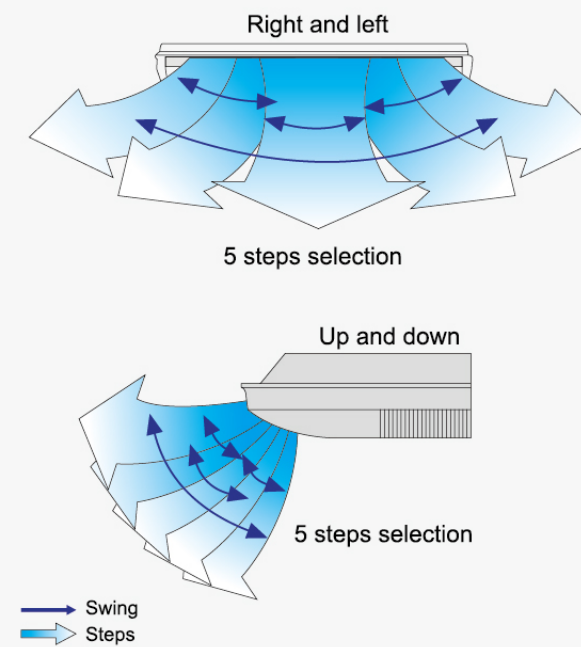


3D Airflow*

In order to realize the comfortable space with uniform temperature, the air conditioner uses two stepping motors to adjust the airflow automatically, send the air to every corner of the room.

It will send the airflow from top to bottom until the cool air reach every corner of the room at the cooling mode.

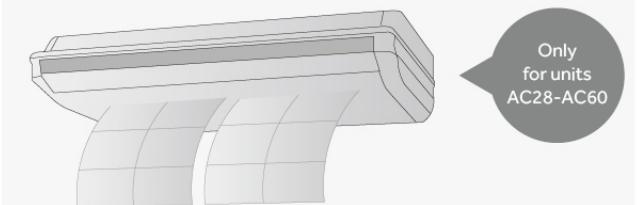
The airflow direction can be controlled in 5 steps motors from up & down, from left & right. More selectable & more flexible.



*Left & right swing: some models are controlled manually.

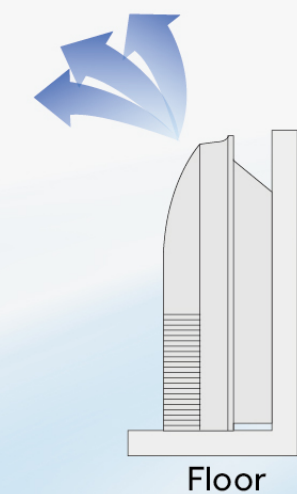
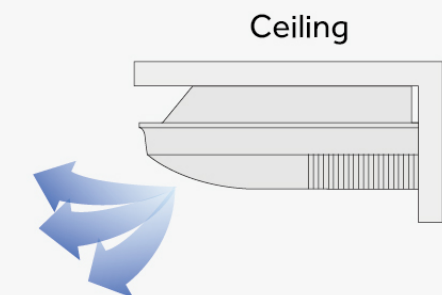
Easy Taken Out Filter

The filter can be easily take out, you need not take down the unit or open the air inlet grill, and realize convenient cleaning work.



Installation Friendly

The indoor unit can be installed on the floor or on the ceiling, it is determined by your actual need. It greatly decreases the space needed and also it can provide the same level of comfort, at the same time make service and installation more convenient and flexible.



Fresh-air Intake (28k~60k)

There are fresh air intake holes in the unit, which can make the air more comfortable.



Convertible Type

 HEAT PUMP



Model		Indoor unit	AC18CS1ERA(S)	AC24CS1ERA(S)	AC36ES1ERA(S)		
			Outdoor unit Low ambient cooling outdoor	1U18DS1EAA	1U24FS1EAA	1U36SS1EAB	
Nominal performance data	Capacity	Nominal cooling	Btu/h(nor)	17500	23200	35800	
			kW	5.5	7.1	10.5	
	Nominal heating	Btu/h(nor)	18600	25600	40000		
		kW	6	7.6	12		
	Rated power input	Cooling	kW nom	1.83	2.53	3.74	
		Heating	kW nom	1.87	2.37	3.74	
EER/COP			3.01/3.21	2.81/3.21	2.81/3.21		
Indoor Unit			AC18CS1ERA(S)	AC24CS1ERA(S)	AC36ES1ERA(S)		
Electrical parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60		
	Air flow(H/M/L)	m³/h	800/720/650	800/720/650	1630/1537/1375		
Performance	Sound pressure level(H/M/L)	dB(A)	44/42/39	44/42/39	47/43/41		
	External dimensions(W/D/H)	mm	990/655/199	990/655/199	1298/700/240		
Installation	Shipping dimensions(W/D/H)	mm	1150/750/300	1150/750/300	1500/790/315		
	Net/Shipping weight	kg	28.3/34.3	28.3/34.3	37/47		
	Controller	Standard	YR-HD	YR-HD	YR-HD		
		Option	Please refer to control sysetem in catalogue				
Outdoor Unit			1U18DS1EAA	1U24FS1EAA	1U36SS1EAB		
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50	1/220-240/50	3/380-415/50		
	Air flow (H)	m³/h	2000	2800	3500		
Performance	Sound pressure level	dB(A)	55	56	60		
	External dimensions(W/D/H)	mm	780/245/550	810/288/688	920/395/760		
Installation	Shipping dimensions(W/D/H)	mm	915/325/599	934/391/735	1070/472/808		
	Net/Shipping weight	kg	42/45	47/51	60/65		
	Compressor type		Rotary	Rotary	Rotary		
	Refrigerant type		R410A	R410A	R410A		
	Refrigerant liquid pipe	mm	6.35	9.52	9.52		
	Refrigerant gas pipe	mm	12.7	15.88	15.88		
	Max pipe length	m	25	30	30		
	Max drop between I.U.&O.U	m	15	15	20		
	Working temp.	Cooling	Normal (Min-Max)	°C	10-43	10-43	10-43
			Adopting fan speed controller (Min-Max)	°C	-25-43	-25-43	-25-43
Heating(Min-Max)		°C	-7-24	-7-24	-7-24		

*Data is pending;

 HEAT PUMP



Model		Indoor unit	AC48FS1ERA(S)	AC60FS1ERA(S)	AC60FS1ERA(S)		
			Outdoor unit Low ambient cooling outdoor	1U48LS3EAB	1U60IS2EAB(S)	1U60IS1EAB(S)	
Nominal performance data	Capacity	Nominal cooling	Btu/h(nor)	48100	49500	53200	
			kW	14.1	14.5	15.5	
	Nominal heating	Btu/h(nor)	51850	52850	57330		
		kW	15.2	15.5	16.8		
	Rated power input	Cooling	kW nom	4.67	4.50	5.13	
		Heating	kW nom	4.71	4.28	5.23	
EER/COP			3.02/3.23	3.22/3.62	3.02/3.21		
Indoor Unit			AC48FS1ERA(S)	AC60FS1ERA(S)	AC60FS1ERA(S)		
Electrical parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60		
	Air flow(H/M/L)	m³/h	2000/1800/1400	2000/1800/1400	2000/1800/1400		
Performance	Sound pressure level(H/M/L)	dB(A)	53/51/49	53/51/49	53/51/49		
	External dimensions(W/D/H)	mm	1580/700/240	1580/700/240	1580/700/240		
Installation	Shipping dimensions(W/D/H)	mm	1710/790/315	1710/790/315	1710/790/315		
	Net/Shipping weight	kg	54/61	54/61	54/61		
	Controller	Standard	YR-HD	YR-HD	YR-HD		
		Option	Please refer to control sysetem in catalogue				
Outdoor Unit			1U48LS1EAB(S)	1U60IS2EAB(S)	1U60IS1EAB(S)		
Electrical parameters	Power supply	Ph/V/Hz	3/380-400/50	3/380-400/50	3/380-400/50		
	Air flow (H)	m³/h	4200	6500	7000		
Performance	Sound pressure level	dB(A)	60	58	58		
	External dimensions(W/D/H)	mm	1008/447/830	960/340/1250	960/340/1250		
Installation	Shipping dimensions(W/D/H)	mm	1130/490/930	1095/410/1400	1095/410/1400		
	Net/Shipping weight	kg	95/105	108/118	108/118		
	Compressor type		Rotary	Scroll	Scroll		
	Refrigerant type		R410A	R410A	R410A		
	Refrigerant liquid pipe	mm	9.52	9.52	9.52		
	Refrigerant gas pipe	mm	19.05	19.05	19.05		
	Max pipe length	m	50	50	50		
	Max drop between I.U.&O.U	m	30	30	30		
	Working temp.	Cooling	Normal (Min-Max)	°C	10-46	10-46	10-46
			Adopting fan speed controller (Min-Max)	°C	-20-43	/	-20-46
Heating(Min-Max)		°C	-7-24	-7-24	-7-24		