



Type Kw	Controller	3.5	5.0	7.1	9.0	
Power Supply	Standard	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	
Outdoor		1U35S1PM1SA	1U50S1RJ1SA	1U71S1PJ1SA	1U90S1PS2SA	
Ceiling	YL-HBS01	AC35S2SG1FA	AC50S2SG1FA	AC71S2SG1FA	AC90S2SH1FA	
Compact Cassette 4-way (Panel PB -620KB)	YL-HBS01	AB35S2SC2FA	AB50S2SC2FA			
Cassette Round Flow	YL-HBS01			AB71S2SG1FA	ABH090H1ERG	
Slim Low	B C C C C C C C C C C C C C C C C C C C	AD35S2SS1FA	AD50S2SS1FA	AD71S2SS1FA		
Esp Duct Panel Optional		P1B-890IA/D	P1B-1220IA/D	P1B-1220IA/D		
Medium ESP Duct	HW-BA216ABK				AD90S2SM6FA	



10.5	10.5	12.5	12.5	14	14
1/220-240/50/60	3/380/50/60	1/220-240/50/60	3/380/50/60	1/220-240/50/60	3/380/50/60
1U105S1PS1SA	1U105S1PS2SB	1U125S1PN1SA	1U125S1PN1SB	1U140S1PP1SA	1U140S1PN1SB
AC105S2SH1FA	AC105S2SH1FA	AC125S2SK1FA	AC125S2SK1FA	AC140S2SK1FA	AC140S2SK1FA
ABH105H1ERG	ABH105H1ERG	ABH125K1ERG	ABH125K1ERG	ABH140K1ERG	ABH140K1ERG
AD105S2SM6FA	AD105S2SM6FA	AD125S2SM6FA	AD125S2SM6FA	AD140S2SM6FA	AD140S2SM6FA



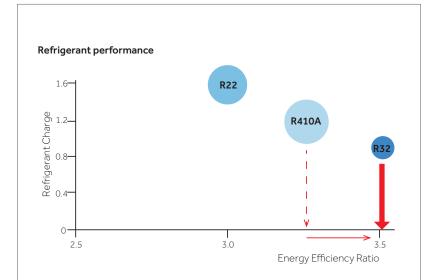




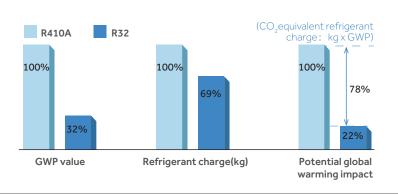
R32 Environmental Refrigerant

Higher Energy Efficiency Benefits for Installers

R32 Lower GWP: 675, reducing the impact of refrigerant gases on global warming



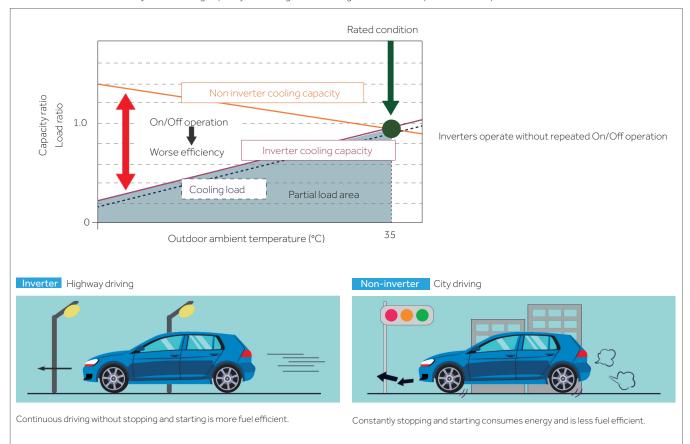
Refrigerant performance	GWP
R22	1910
R140A	2088
R32	675





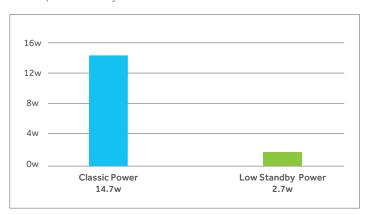
Inverter

Inverter air conditioner can adjust its cooling capacity according to the cooing load, this is less power consumption.



Low Standby Power

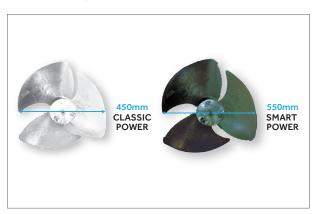
New PCB programme, cut the outdoor unit electrical parts power consumption in standby mode.



Torque(kgfcm) 100 80 60 60 67593 40 20 200 400 600 800 1000 Rev(drmin) DC motor efficiency

New Designed Fan

Based on aerodynamics theory, we create 550mm super big diameter helix fan, air flow increase 16.7%.

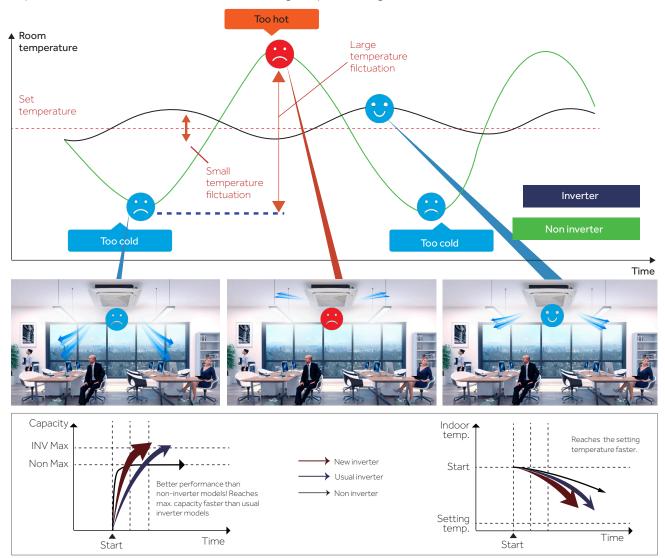


DC Inverter System

For the purpose of high seasonal performance, we take high discharge DC inverter compressor and DC fan motor with different running speed in different working conditions.

Comfort

Inverter control responds to load changes and causes minor temperature adjustments. Non-inverter control frequently turns ON and OFF in response to load fluctuations or load mismatch and causes large temperature swings.





Built-in Valve Design

The new built-in valve design, it can realize 4 way pipe connection (front, rear, right, down), it's better design and easy to install.



Double Side 4 Handles

Because of double side 4 handles design, it can be carry by 2 people easily.





"888" Digital Test Panel

All running parameters & error code can be checked from "888" digital display, easy reference for installer.

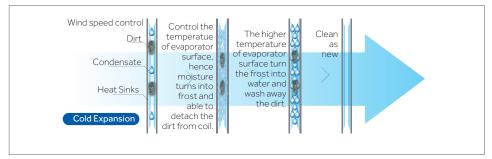








Freezes the evaporator with moisture in the air and removes dirt in melting, ensuring clean and healthy air comes out of air conditioners.





Providing Healthier Air

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

High Efficiency Filter (Optional)

The filter with anti-mold function avoid bad smell after long period of operation.



PM2.5 Filter & Sterilization Module (Optional)

Sterilization module

With the professional anti-bacteria materials, the HEPA purification module can effectively remove PM2.5 and kill plankton bacteria to achieve anti-bacteria and bacteriostasis. E.g.

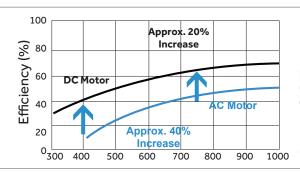


PM2.5 filter module

PM2.5 Filter removes harmful micro-particles including dust and PM2.5 pollutant to provide a healthier environment.

DC Fan Motor

Comparing with conventional AC fan motor, the DC fan motor has higher efficiency. Motor power input is reduced by 50% compared to conventional AC fan with the same power output.



DC Motor Efficiency (Comparison with a Conventional AC Motor)

Motor Speed (RPM)



Automatic Control of Airflow Direction

Left/right Swings Separately(Optional)
Up-and-down swing angle maxi. degree 70°
Separately left /right swing angle maxi. degree 100°
Each degree of angle can be fixed;



Freestyle Airflow (Optional)

Left and right swing controlled individually,

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.



Multi Air Speed For Comfort

 $\bullet \text{Turbo}$ mode 4.2m(12.5/14KW) which is flexible for installation choice



•The Old one is only 2.7m in high wind mode



Comfortable Appearence

Big-wave Shape on Both Sides to Embody Multiple Levels Design, Ultra Thin Visually



Appearance Without Screw, Easy Care



Hidden LED display Can display temperature and fault code; Control precise of temperature is 0.5 degree



Intelligent Choice

Intelligent Sensor (Optional)

Switch-on when people coming in and Switch-off when people leaving to save energy



Central Control

Can connect with central controller to realize central control





Wifi Control (Optional)

Besides normal wired/wireless control, Haier supply wifi control solution. Download the "smart air 2" app in IOS or android version, you will have a remote control freely when you are out of home, including weekly timer.



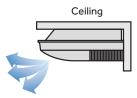




Installation Friendly

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.





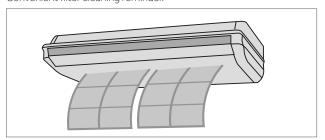




Convenient Filter

Easy to take out, Need not take down the unit or open the air inlet grill, and realize convenient cleaning work.

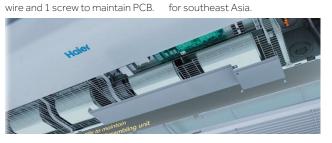
Convenient filter cleaning reminder.



Easy To Wire And Maintain PCB

Easy to wire and maintain PCB The installer simply opens the grille and takes down 2 screws to

Stable and reliable PCB computer protection coating, insect - proof, waterproof, suitable for southeast Asia.

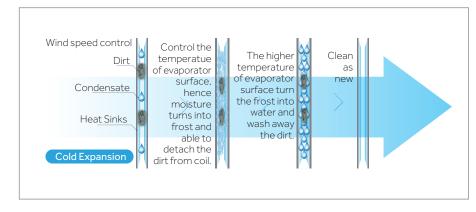








Freezes the evaporator with moisture in the air and removes dirt in melting, ensuring clean and healthy air comes out of air conditioners.





Providing Healthier Air

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High Efficiency Filter (Optional)

The filter with anti-mold function avoid bad smell after long period of operation.





Sterilization module

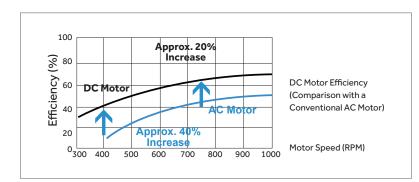
With the professional anti-bacteria materials, the HEPA purification module can effectively remove PM2.5 and kill plankton bacteria to achieve anti-bacteria and bacteriostasis. E.g.

PM2.5 filter module

PM2.5 Filter removes harmful micro-particles including dust and PM2.5 pollutant to provide a healthier environment.



Energy Saving



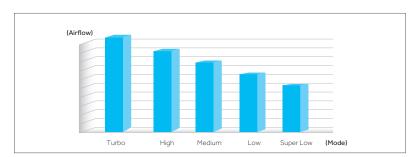
DC Fan Motor

Comparing with conventional AC fan motor, the DC fan motor has higher efficiency. Motor power input is reduced by 50% compared to conventional AC fan with the same power output.



5-speed Airflow

There are 5-speed airflow: super low/low/medium/high/turbo mode for your selection. Turbo mode with super high speed for cooling rapidly.



Horizontal

corner installation solution



comfort solution

Flap Is Closed When Air Conditioner Off

There is no gap between the flap and panel when the air conditioner is turned off, hence more elegance.



"Spiral" Panel

"Spiral" concept, "Haier" image.

Individual Flap Control

The four flaps can be controlled individually according to end users' needs using controller, providing the maximum comfort for the entire room.



620mm*620mm Panel

The new 620mm*620mm panel fits perfectly in the standard decoration panel, and not blocking other things, such as light.



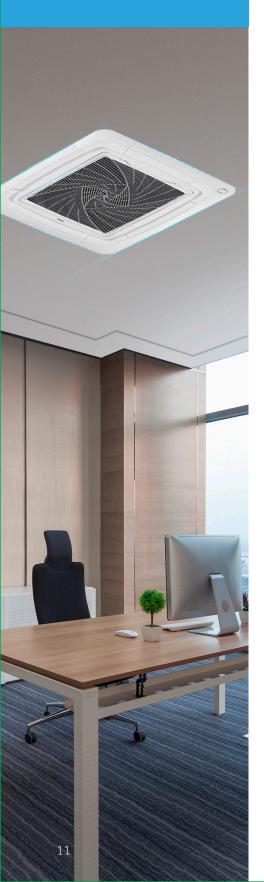
Easy-access Electrical Box Design

The electrical box is located inside the unit, hence you can execute maintenance by opening the panel without exposing the ceiling.



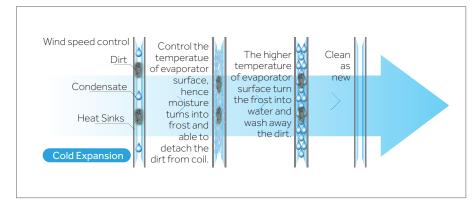








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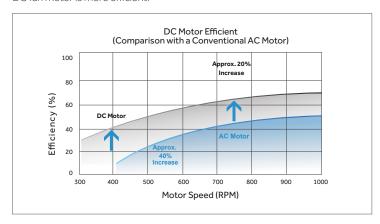
PM2.5 filter module

PM2.5 Filter removes harmful micro-particles including dust and PM2.5 pollutant to provide a healthier environment.

Energy Saving

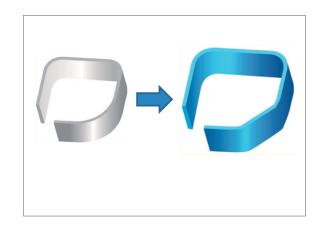
DC Fan Motor

Haier cassette adopts DC fan motor, compared to conventional AC fan motor, DC fan motor is more efficient.



New Heat Exchanger Design

The area of exchanger is enlarge to increase heating efficiency.



Comfort



Flap is Closed When Air Conditioner Off

There is no gap between the flap and panel when the air conditioner is turned off, hence more elegance.



"Spiral" Panel

"Spiral" concept , "Haier" image

Hidden LED Display

The 360°smart flow cassette have particular hidden LED display design with green display for cooling.



Super Big Inlet Grille

Compared to conventional air inlet grill, we enlarge the air inlet area by 23% which lower the sound level.





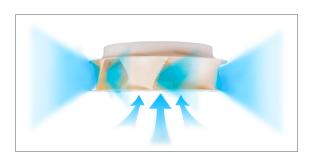
ABS Material Panel

ABS material makes the panel "piano white", different from "dark white" PS material color. The panel and flap are the same material. After 10 years, the panel color won't change to yellow color because the ABS material prevents discoloration against light ray.



Brand-new Designed Fan

The diameter of new fan is enlarged based on acrodynamic theory, so that there is little or minimal resistance against airflow. Reduce 3dB(A) for sound level.

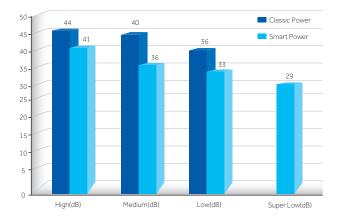






Fan Speed Programme

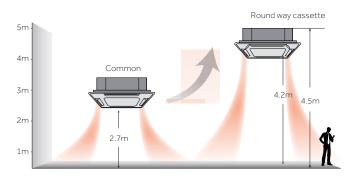
Besides 3 normal speeds, we set one extra fan speed which can reduce sound level reduce 3 dB(A).



High Ceiling Mode

Lots of shops are 5 meters high ceiling. This model can be installed in 4.5 metres height. The best solution for high ceiling shop.

*By wired controller YR-E16A to realize the function.



Round Way Air Supply

Round way air supply without blind spot.







Unique round way air flow design

Individual Flap Control

The four flaps can be controlled individually according to end users' needs by controller, providing maximum comfort throughout the room.



Corner Installation Solution



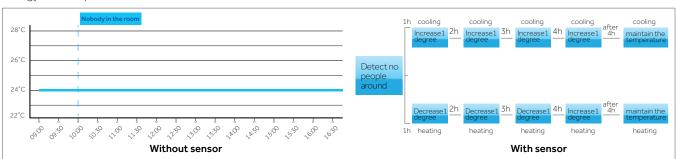
Comfort Solution



Intelligent Sensor *

i) Absence Mode

The presence sensor can check if there is end user in the room. Then change the setting degree if there is nobody in the room. Energy consumption will be reduced 27% (estimated).



ii) Automatic Airflow Direction

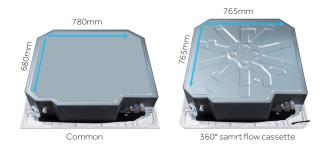
The airflow will follow or evade the end user in accordance with end user choice on controller.





Square Hanger

Unit body size: 765*765mm,innovative square hanger, flexible direction adjustment for installation .



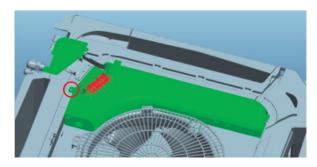
Convenient Clip

There is clip to lock the panel. Just one installer can finish the screwing for panel. Save manpower and easy installation.



Dismantling Only 1 Screw

Installer can finish wiring by taking down only 1 screw.



High Lift-up Drain Pump

It can lifts condensed water up to 1000mm, which is more flexible to install the duct according to the layout.

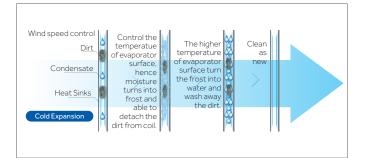








Freezes the evaporator with moisture in the air and removes dirt in melting, ensuring clean and healthy air comes out of air conditioners.



High Efficiency Filter (Optional)

The filter with anti-mold function avoid bad smell after long period of operation.

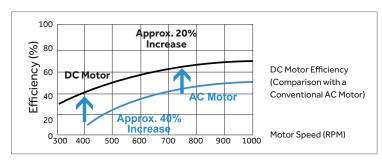


Providing Healthier Air

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



Energy Saving



DC Fan Motor

Comparing with conventional AC fan motor, the DC fan motor has higher efficiency. Motor power input is reduced by 50% compared to conventional AC fan with the same power output.





Branch Outlet

The fan and airflow path of slim low pressure duct unit are designed for silent, brings 52dB(A) sound power level, compared with 53dB(A) competitors, we already reach top sound level





3D Airflow Grille

Air inlet and outlet grille can improve the decoration greatly.





Super Thin Design

The height of slim low pressure duct unit is $185\,\mathrm{mm}$ only , which is advanced in the industry and make the silmmest ceiling drop.



Built In Drain Pump

We have two models as option, one is with drain pump, the other one is with no drain pump, it is easy for the designer to design the product location.



Adjusted Esp By Wired Controller

We takes DC fan motor design, ESP can be adjusted by wired controller YR-E17/YR-E16B, so installer don't need to climb the ladders to adjust ESP; There are 4 steps ESP can be adjusted by wired controller, represent for: 0/10/20/30 pa.





Left Or Right Drain Outlet

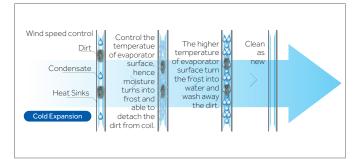
Drain direction can be left or right according to the layout.







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Providing Healthier Air

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Wifi Control (Optional)

Besides normal wired/wireless control, Haier supply wifi control solution. Download the "smart air 2" app in IOS or android version, you will have a remote control freely when you are out of home, including weekly timer.





Central Control

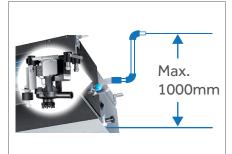
Can connect with central controller to realize central control







% Convenience



High Lift-up Drain Pump

It can lift condensed water up to 1000mm, which make installation more flexible according to the layout.



Taking Down 2 Screws For Wiring & Pcb Maintenance

It is convenient for installers to take down 2 screws for wiring and maintaining the PCB



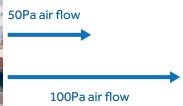
Super Slim

248mm of thickness for better installation application flexibility(for 9kW-14kW).

Four Steps Pressure Choice

The external static pressure can be selected in four steps with 50/160pa to suit different ductwork length;





Return Air Choices

Friendly design: Rear air return or bottom air return is available.



Convertible





YL-HBS01







3.5K,5.0K,7.1K,9.0K,10.5K

Model	Indoor unit Outdoor unit		AC35S2SG1FA	AC50S2SG1FA	AC71S2SH1FA	AC90S2SH1FA	AC105S2SH1FA
Model			1U35S1PM1SA	1U50S1PJ1SA	1U71S1PJ1SA	1U90S1PS2SA	1U105S1PS1SA
	Cooling Cooperity	KW (nom.)	3.8 (1.9-4.3)	5.3 (3.2-6.0)	7.3 (3.2-8.0)	8.8(5.0-10.0)	10.3(5.0-11.2)
	Cooling Capacity	Btu/H/1000	13 (6.5-15.4)	18(10.9-20.5)	25(10.9-27.3)	30(17.1-34.1)	35(17.1-38.2)
Nominal Performance	Input	W	945	1330	2253	2440	3250
Data	Running Current	А	4.32	6.12	10.34	11.10	14.9
	EER	/	4.02	3.98	3.24	3.6	3.16
	CSPF	/	6.45	5.92	5.71	6.01	5.42
INDOORUNIT							
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
Performance	Air Flow (H/M/L)	m³/h	810/740/650/550	1050/930/660/600	1250/1128/930/840	1400/1300/1180/1060	1600/1400/1280/1160
renormance	Sound Pressure Level (H/M/L)	dB(A)	40/38/36/33	43/40/38/35	43/40/38/35	45/43/40/37	47/43/41/37
	External Dimensions (W/D/H)	mm	1000/230/680	1000/230/680	1325/230/680	1325/230/680	1325/230/680
	Shipping Dimensions (W/D/H)	mm	1100/305/779	1100/305/779	1425/305/779	1425/305/779	1425/305/779
Installation	Net/shipping Weight	kg	26/32	26/32	33.5/41.9	33.5/41.9	33.5/41.9
	Controller	Standard	YL-HBS01	YL-HBS01	YL-HBS01	YL-HBS01	YL-HBS01
OUTDOORUNIT							
Electrical Parameters	Power Supply	m³/h	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
5. 6	Air Flow (H)	dB(A)	2000	2500	2500	3500	3800
Performance	Sound Pressure Level	dB(A)	53.00	54.00	54.00	55.00	56.00
	External Dimensions (L/W/H)	mm	800/275/553	820/338/614	820/338/614	920/372/760	920/372/760
	Shipping Dimensions(L/W/H)	mm	939/394/590	977/400/735	977/400/735	1085/487/843	1085/487/843
	Net/shipping Weight	kg	30/33	38/42	38/42	54/59	57/62
	Compressor Type		Rotary	Rotary	Rotary	Rotary	Rotary
Installation	Refrigerant Type		R32	R32	R32	R32	R32
	Gwp		675	675	675	675	675
	Liquid Side	mm	6.35	6.35	9.52	9.52	9.52
	Gas Side	mm	9.52	12.70	15.88	15.88	15.88
	Max Pipe Length	m	15.00	20.00	20.00	25.00	30.00
	Max Drop Between I.U&o.u	m	10.00	10.00	10.00	10.00	20.00
	Refrigerant Load In Factory	g	820	1200	1200	1650	1650
	Refrigerant Charge Quantity for Extra Length	g/m	20	20	45	45	45
	Operation Temperature Range	°C	16~30	16~30	16~30	16~30	16~30
Working temp.	Ambient Temperature Range	°C	18~43	18~43	18~43	18~43	18~43

^{*} Data is pending;

Convertible













10.5K,12.5K,14.0K

Model	Indoor unit		AC105S2SH1FA	AC125S2SK1FA	AC125S2SK1FA	AC140S2SK1FA	AC140S2SK1FA
Model	Outdoor unit	Outdoor unit		1U125S1PN1SA	1U125S1PN1SB	1U140S1PN1SA	1U140S1PN1SB
		KW (nom.)	10.3(5.0-11.2)	11.7(5.7-14.0)	11.7(5.7-14.0)	14.1(6.2-15.4)	14.1(6.2-15.4)
	Cooling Capacity	Btu/H/1000	35(17.1-38.2)	40(19.5-47.8)	40(19.5-47.8)	48(21.2-52.5)	48(21.2-52.5)
Nominal Performance	Input	W	3250	4062	3900	5529	5430
Data	Running Current	А	5.48	18.65	6.58	25.64	9.06
	EER	/	3.16	2.88	3.0	2.55	2.59
	CSPF	/	5.10	5.04	4.95	4.69	4.69
INDOORUNIT							
Electrical Paramete	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
Performance	Air Flow (H/m/l)	m³/h	1600/1400/1280/1160	2050/1900/1600/1400	2050/1900/1600/1400	2150/1980/1800/1600	2150/1980/1800/1600
remormance	Sound Pressure Level (H/M/L)	dB(A)	47/43/41/37	48/44/42/38	48/44/42/38	50/46/43/40	50/46/43/40
	External Dimensions (W/D/H)	mm	1325/230/680	1650/230/680	1650/230/680	1650/230/680	1650/230/680
	Shipping Dimensions (W/D/H)	mm	1425/305/779	1750/305/779	1750/305/779	1750/305/779	1750/305/779
Installation	Net/shipping Weight	kg	33.5/41.9	41.8/49.5	41.8/49.5	41.8/49.5	41.8/49.5
	Controller	Standard	YL-HBS01	YL-HBS01	YL-HBS01	YL-HBS01	YL-HBS01
OUTDOORUNIT							
Electrical Paramete	Power Supply	m³/h	380-415/3/50/60	1/220-240/50/60	380-415/3/50/60	1/220-240/50/60	380-415/3/50/60
D 6	Air Flow (H)	dB(A)	3800	5000	5000	5500	5500
Performance	Sound Pressure Level	dB(A)	56.00	58.00	58.00	59.00	59.00
	External Dimensions (L/W/H)	mm	920/372/760	950/370/965	950/370/965	950/370/965	950/370/965
	Shipping Dimensions(L/W/H)	mm	1085/487/843	1050/450/1095	1050/450/1095	1050/450/1095	1050/450/1095
	Net/shipping Weight	kg	60/65	76/86	76/86	76/86	76/86
	Compressor Type		Rotary	Rotary	Rotary	Rotary	Rotary
Installation	Refrigerant Type		R32	R32	R32	R32	R32
	Gwp		675	675	675	675	675
	Liquid Side	mm	9.52	9.52	9.52	9.52	9.52
	Gas Side	mm	15.88	15.88	15.88	15.88	15.88
	Max Pipe Length	m	30.00	50.00	50.00	50.00	50.00
	Max Drop Between I.U&O.U	m	20.00	30.00	30.00	30.00	30.00
	Refrigerant Load In Factory	g	1650	1900	1900	1900	1900
	Refrigerant Charge Quantity for Extra Length	g/m	45	45	45	45	45
	Operation Temperature Range	°C	16~30	16~30	16~30	16~30	16~30
Working temp.	Ambient Temperature Range	°C	18~43	18~43	18~43	18~43	18~43

^{*} Data is pending;

Cassette











3.0K,5.0K,7.1K,9.0K,10.5K

Model	Indoor unit Outdoor unit		AB35S2SC2FA	AB50S2SC2FA	AB71S2SG1FA	ABH090H1ERG	ABH105H1ERG
- Todaci			1U35S1PM1SA	1U50S1PJ1SA	1U71S1PJ1SA	1U90S1PS2SA	1U105S1PS1SA
	Capacity	KW	3.5 (1.9-4.2)	5.0 (2.0-5.3)	7.3 (2.8-7.7)	9.0(3.5-9.9)	10.5(4.0-11.0)
N	Capacity	Btu/h/1000	12 (6.5-14.3)	17(6.8-18.0)	25(9.5-26.3)	30(11.9-33.7)	36(13.6-37.5)
Nominal Performance	Input	W	853	1351	2122	2290	3260
Data	Running Current	А	3.92	6.20	9.74	10.51	14.97
	EER	/	4.10	3.70	3.44	3.93	3.22
	CSPF	/	5.86	5.16	5.33	5.86	4.98
INDOORUNIT							
Electrical Parameters	Power Supply	V/Ph/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
	Indoor Air Flow (H/m/I)	m³/h	700/620/520/450	760/700/620/500	1260/1070/820/680	1470/1260/1050/940	1680/1530/1320/1190
Performance	Sound Pressure Level (H/M/L)	dB(A)	52	55	55	57	62
	Indoor Noise Level (H/M/L)	dB(A)	36/33/30/27	42/37/35/32	36/33/29/26	41/36/33/29	45/42/38/34
	External Dimension (LW/H)	(mm)	570/570/260	570/570/260	840/840/204	840/840/246	840/840/246
	Packing Dimension (L/W/H)	(mm)	718/680/380	718/680/380	990/990/310	990/990/310	990/990/310
Installation	Net/gross Weight	(Kg)	16.5/22	17/22	25/31	30/35	30/35
		Sstanderd	YL-HBS01	YL-HBS01	YL-HBS01	YL-HBS01	YL-HBS01
	Controller	Optional		YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Panel Model		PB-620KB	PB-620KB	PB-950KB(standard panel) /PB-950MB(sensor panel)		PB-950KB(standard panel) /PB-950MB(sensor panel)
Panel Model	External Dimensions(W/D/H)		620*620*60	620/620/60	950/950/50	950/950/50	950/950/50
	Shipping Dimensions(W/D/H)	mm	660*660*115	660/660/115	1000/1000/110	1000/1000/110	1000/1000/110
	Net/shipping Weight	KG	2.8/4.5	2.8/4.5	6.5/9	6.5/9	6.5/9
OUTDOORUNIT							
Electrical Parameters	Power Supply	V/Ph/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
Performance	Outdoor Air Flow	m³/h	2000	2500	2500	3500	3800
remormance	Sound Pressure Level	dB(A)	53.00	54.00	54.00	55.00	56.00
	External Dimensions (LxWxH)	mm	800/275/553	820/338/614	820/338/614	920/372/760	920/372/760
	Shipping Dimensions(LxWxH)	mm	939/394/590	977/400/735	977/400/735	1085/487/843	1085/487/843
	Net/shipping Weight	kg	30/33	38/42	38/42	54/59	57/62
	Compressor Type		Rotary	Rotary	Rotary	Rotary	Rotary
	Refrigerant Type		R32	R32	R32	R32	R32
Installation	Gwp		675	675	675	675	675
	Liquid Side	mm	6.35	6.35	9.52	9.52	9.52
	Gas Side	mm	9.52	12.70	15.88	15.88	15.88
	Max Pipe Length	m	15.00	20.00	20.00	25.00	30.00
	Max Drop Between I.U&o.u	m	10.00	10.00	10.00	10.00	20.00
	Refrigerant Load In Factory	g	820	1200	1200	1650	1650
	Refrigerant Charge Quantity For Extra Length	g/m	20	20	45	45	45
Working temp.	Operation Temperature Range	°C	16~30	16~30	16~30	16~30	16~30
	Ambient Temperature Range	°C	18~43	18~43	18~43	18~43	18~43

^{*} Data is pending;

Cassette











10.5K,12.5K,14.0K

Model	Indoor unit		ABH105H1ERG	ABH125K1ERG	ABH125K1ERG	ABH140K1ERG	ABH140K1ERG
	Outdoor unit		1U105S1PS2SB	1U125S1PN1SA	1U125S1PN1SB	1U140S1PN1SA	1U140S1PN1SB
	Capacity	KW	10.5(4.0-11.0)	12.5(4.5-12.8)	12.5(4.5-12.8)	14.0(5.2-14.5)	14.0(5.2-14.5)
	Capacity	Btu/h/1000	36(13.6-37.5)	42.6(15.3-43.6)	42.6(15.3-43.6)	48(17.7-49.4)	48(17.7-49.4)
Nominal Performance	Input	W	3220	4432	4432	5880	5185
Data	Running Current	А	5.32	20.35	7.32	27.00	8.56
	EER	/	3.26	2.82	2.82	2.34	2.7
	SEER	/	4.98	4.69	4.69	4.10	4.10
INDOOR UNIT							
Electrical Parameters	Power Supply	V/Ph/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
	Indoor Air Flow (H/M/L)	m³/h	1680/1530/1320/1190	1950/1600/1440/1200	1950/1600/1440/1200	1950/1600/1440/1200	1950/1600/1440/120
Performance	Sound Pressure Level (H/M/L)	dB(A)	62	64	64	64	64
	Indoor Noise Level (H/M/L)	dB(A)	45/42/38/34	47/44/38/34	47/44/38/34	47/44/38/34	47/44/38/34
	External Dimension (L/W/H)	(mm)	840/840/246	840/840/288	840/840/288	840/840/288	840/840/288
	Packing Dimension (L/W/H)	(mm)	990/990/310	990/990/380	990/990/380	990/990/380	990/990/380
Installation	Net/gross Weight	(Kg)	30/35	32/38	32/38	32/38	32/38
	C + "	Sstanderd	YL-HBS01	YL-HBS01	YL-HBS01	YL-HBS01	YL-HBS01
	Controller	Optional	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Panel Model				PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel /PB-950MB(sensor panel)
Panel Model	External Dimensions(W/D/H)		950/950/50	950/950/50	950/950/50	950/950/50	950/950/50
	Shipping Dimensions(W/D/H)	mm	1000/1000/110	1000/1000/110	1000/1000/110	1000/1000/110	1000/1000/110
	Net/shipping Weight	KG	6.5/9	6.5/9	6.5/9	6.5/9	6.5/9
OUTDOORUNIT							
Electrical Parameters	Power Supply	V/Ph/Hz	380-415/3/50/60	1/220-240/50/60	380-415/3/50/60	1/220-240/50/60	380-415/3/50/60
Performance	Outdoor Air Flow	m³/h	3800	5000	5000	5500	5500
remormance	Sound Pressure Level	dB(A)	56.00	58.00	58.00	59.00	59.00
	External Dimensions (LxWxH)	mm	920/372/760	950/370/965	950/370/965	950/370/965	950/370/965
	Shipping Dimensions(LxWxH)	mm	1085/487/843	1050/450/1095	1050/450/1095	1050/450/1095	1050/450/1095
	Net/shipping Weight	kg	60/65	76/86	76/86	76/86	76/86
	Compressor Type		Rotary	Rotary	Rotary	Rotary	Rotary
	Refrigerant Type		R32	R32	R32	R32	R32
Installation	Gwp		675	675	675	675	675
installation	Liquid Side	mm	9.52	9.52	9.52	9.52	9.52
	Gas Side	mm	15.88	15.88	15.88	15.88	15.88
	Max Pipe Length	m	30.00	50.00	50.00	50.00	50.00
	Max Drop Between I.U&o.u	m	20.00	30.00	30.00	30.00	30.00
	Refrigerant Load In Factory	g	1650	1900	1900	1900	1900
	Refrigerant Charge Quantity For Extra Length	g/m	45	45	45	45	45
Working temp.	Operation Temperature Range	°C	16~30	16~30	16~30	16~30	16~30
ig temp.	Ambient Temperature Range	°C	18~43	18~43	18~43	18~43	18~43

^{*} Data is pending;

Duct











3.5K,5.0K,7.1K,9.0K,10.5K

Model	Indoor unit		AD35S2SS1FA	AD50S2SS1FA	AD71S2SS1FA	AD90S2SM6FA	AD105S2SM6FA
Model	Outdoor unit	Outdoor unit		1U50S1PJ1SA	1U71S1PJ1SA	1U90S1PS2SA	1U105S1PS1SA
		KW	3.5 (1.9-4.3)	5.0 (3.2-6.0)	7.0 (3.2-8.0)	9.0(5.0-10.0)	10.5(5.0-11.2)
	Capacity	Btu/h/1000	12 (6.5-15.4)	18(10.9-20.5)	24(10.9-27.3)	30(17.1-34.1)	36(17.1-38.2)
Nominal Performance	Input	W	1000	1428	2120	2727	3387
Data	Running Current	А	4.59	6.50	9.73	12.52	15.55
	EER	/	3.5	3.50	3.20	3.2	3.1
	CSPF	/	5.57	5.27	4.83	4.69	4.69
INDOORUNIT							
Electrical Paramete	Power Supply	V/Ph/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
D (Indoor air flow (H/M/L)	m³/h	600/480/420/350	900/750/600/450	1000/850/750/650	1400/1300/1180/1060	1600/1400/1280/1160
Performance	External static pressure		0(default)/10/20/30	0(default)/10/20/30	0(default)/10/20/30	37(default)/100	37(default)/100
	Sound Pressure Level (H/M/L)	dB(A)					
	Indoor noise level (H/M/L)	dB(A)	42/39/36/33	45/40/37/33	45/41/38/35	49/46/43/39	50/47/43/40
	External Dimensions (W/D/H)	(mm)	850/420/185	1170/420/185	1170/420/185	1100/700/248	1100/700/248
	Shipping Dimensions (W/D/H)	(mm)	1045/540/270	1365/540/270	1365/540/270	1332/835/280	1332/835/280
Installation	Net/shipping Weight	(Kg)	17/21.5	22.5/28	23.5/29	36.5/42	38/44
	Controller	Sstanderd	derd WIREDHW-BA216ABK				
OUTDOORUNIT							
Electrical Paramete	Power Supply	V/Ph/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
	Outdoor air flow	m³/h	2000	2500	2500	3500	3800
Performance	Sound Pressure Level	dB(A)	53.00	54.00	54.00	55.00	56.00
	External Dimensions (LxWxH)	mm	800/275/553	820/338/614	820/338/614	920/372/760	920/372/760
	Shipping Dimensions(LxWxH)	mm	939/394/590	977/400/735	977/400/735	1085/487/843	1085/487/843
	Net/shipping Weight	kg	30/33	38/42	38/42	54/59	57/62
	Compressor Type		Rotary	Rotary	Rotary	Rotary	Rotary
	Refrigerant Type		R32	R32	R32	R32	R32
	Gwp		675	675	675	675	675
Installation	Liquid Side	mm	6.35	6.35	9.52	9.52	9.52
	Gas Side	mm	9.52	12.70	15.88	15.88	15.88
	Max Pipe Length	m	15.00	20.00	20.00	25.00	30.00
	Max Drop Between I.U&o.u	m	10.00	10.00	10.00	10.00	20.00
	Refrigerant Load In Factory	g	820	1200	1200	1650	1650
	Refrigerant Charge Quantity for Extra Length	g/m	20	20	45	45	45
Wadia - taua	Operation Temperature Range	°C	16~30	16~30	16~30	16~30	16~30
Working temp.	Ambient Temperature Range	°C	18~43	18~43	18~43	18~43	18~43

^{*} Data is pending;

Duct











10.5K,12.5K,14.0K

					乔 木			
Model	Indoor unit	Indoor unit		AD125S2SM6FA	AD125S2SM6FA	AD140S2SM6FA	AD140S2SM6FA	
Model	Outdoor unit		1U105S2PS2SB	1U125S1PN1SA	1U125S1PN1SB	1U140S1PN1SA	1U140S1PN1SB	
		KW	10.5(5.0-11.2)	12.3(5.7-14.0)	12.3(5.7-14.0)	14.1(6.2-15.4)	14.1(6.2-15.4)	
	Capacity	Btu/h/1000	36(17.1-38.2)	42(19.5-47.8)	42(19.5-47.8)	48(21.2-52.5)	48(21.2-52.5)	
Nominal Performance	Input	W	3387	4630	4630	5260	5260	
Data	Running Current	А	5.59	21.26	7.82	24.15	8.88	
	EER	/	3.1	2.6	2.70	2.68	2.68	
	CSPF	/	4.69	4.10	4.10	4.10	4.10	
INDOORUNIT								
Electrical Paramete	Power Supply	V/Ph/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	
D 6	Indoor air flow (H/M/L)	m³/h	1600/1400/1280/1160	2050/1900/1600/1400	2050/1900/1600/1400	2150/1980/1800/1600	2150/1980/1800/1600	
Performance	External static pressure		37(default)/100	37(default)/100	37(default)/100	37(default)/100	37(default)/100	
	Sound Pressure Level (H/M/L)	dB(A)						
	Indoor noise level (H/M/L)	dB(A)	50/47/43/40	52/49/46/43	52/49/46/43	54/51/48/45	54/51/48/45	
	External Dimensions (W/D/H)	(mm)	1100/700/248	1500/700/248	1500/700/248	1500/700/248	1500/700/248	
	Shipping Dimensions (W/D/H)	(mm)	1332/835/280	1698/857/305	1698/857/305	1698/857/305	1698/857/305	
Installation	Net/shipping Weight	(Kg)	38/44	46/54	46/54	50/58	50/58	
	Controller	Sstanderd		WIREDHV	V-BA216ABK			
OUTDOORUNIT								
Electrical Paramete	Prs Power Supply	V/Ph/Hz	380-415/3/50/60	1/220-240/50/60	380-415/3/50/60	1/220-240/50/60	380-415/3/50/60	
	Outdoor air flow	m³/h	3800	5000	5000	5500	5500	
Performance	Sound Pressure Level	dB(A)	56.00	58.00	58.00	59.00	59.00	
	External Dimensions (LxWxH)	mm	920/372/760	950/370/965	950/370/965	950/370/965	950/370/965	
	Shipping Dimensions(LxWxH)	mm	1085/487/843	1050/450/1095	1050/450/1095	1050/450/1095	1050/450/1095	
	Net/shipping Weight	kg	60/65	76/86	76/86	76/86	76/86	
	Compressor Type		Rotary	Rotary	Rotary	Rotary	Rotary	
	Refrigerant Type		R32	R32	R32	R32	R32	
la skallaki a a	Gwp		675	675	675	675	675	
Installation	Liquid Side	mm	9.52	9.52	9.52	9.52	9.52	
	Gas Side	mm	15.88	15.88	15.88	15.88	15.88	
	Max Pipe Length	m	30.00	50.00	50.00	50.00	50.00	
	Max Drop Between I.U&o.u	m	20.00	30.00	30.00	30.00	30.00	
	Refrigerant Load In Factory	g	1650	1900	1900	1900	1900	
	Refrigerant Charge Quantity for Extra Length	g/m	45	45	45	45	45	
Working temp.	Operation Temperature Range	°C	16~30	16~30	16~30	16~30	16~30	
working temp.	Ambient Temperature Range	°C	18~43	18~43	18~43	18~43	18~43	

^{*} Data is pending;









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