

# Haier

## Haier Commercial Air Conditioning



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Haier reserves the right to make change without any notice.

Haier

Commercial A/C

LIGHT CAC-Super Match

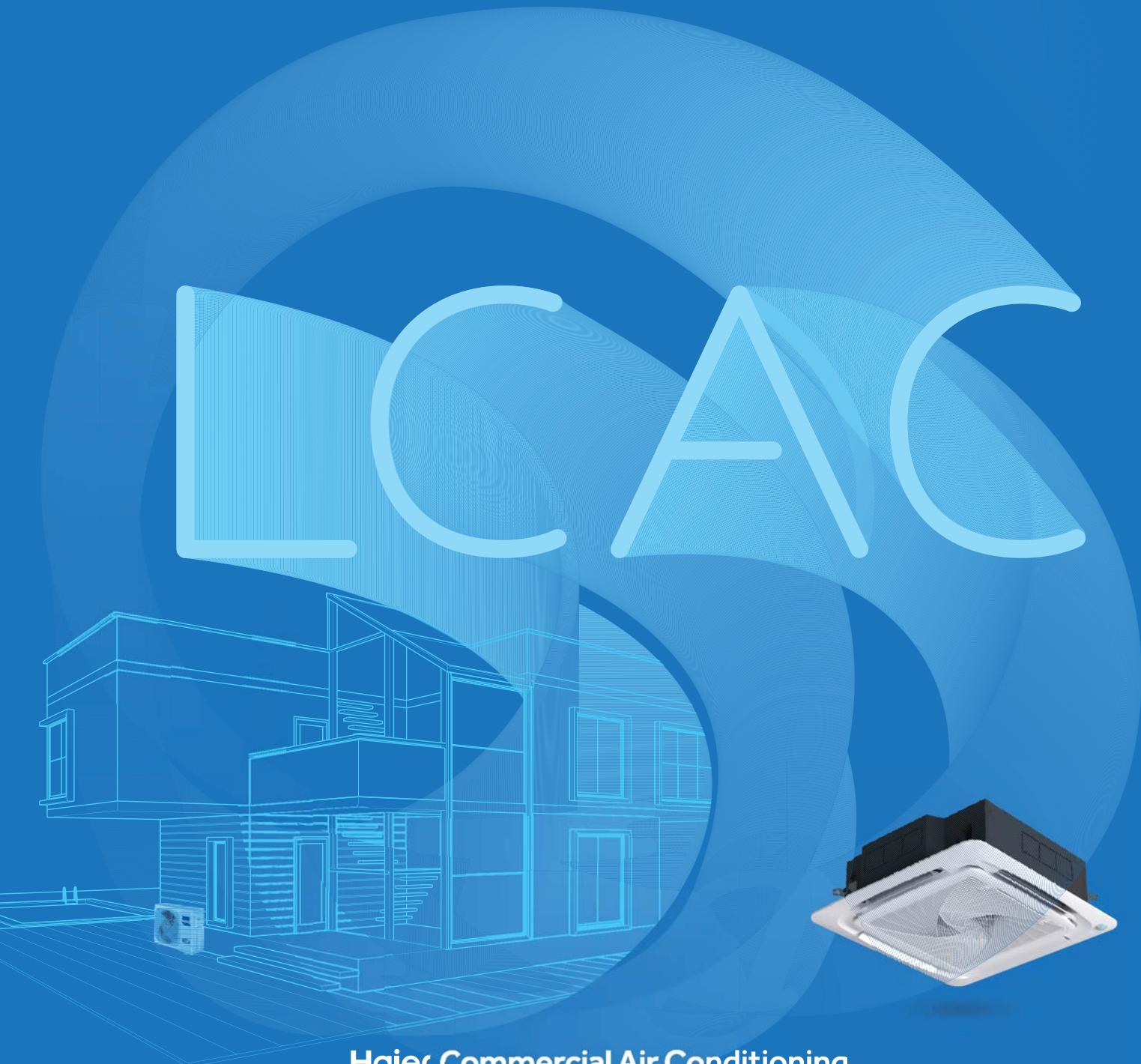
2022 Europe

# Haier

# LIGHT CAC

## SUPER MATCH

2022 Europe



Haier Commercial Air Conditioning

# Haier Brand Story

Established in 1984, Haier Group is a world-leading provider of solutions to better life. In the process of sustainable innovation and entrepreneurship, Haier always upholds the principle of "prioritizing people's value". Mr. Zhang Ruimin, Chairman of the Board and CEO of Haier Group, first proposed the Rendanheyi Model in September 2005. After 15 years of development and innovation, Rendanheyi has achieved trans-culture, trans-industry and trans-field fusion and replication with its contemporary features, universality characteristics.

Focusing on user experience, Haier has grown from the once collectively owned small factory on the verge of bankruptcy into an ecosystem that leads the IoT era. As the world's first and only IoT ecosystem brand, Haier has been included on the list of BrandZ™ Top 100 Most Valuable Global Brands for two consecutive years. Haier has topped Global Major Appliances Brand Rankings by Euromonitor International for 11 consecutive years. Its subsidiary Haier Smart Home is among the list of Global 500 of Fortune.

To date, Haier Group owns four listed companies, has six platforms including Haier Smart Home, COSMOPlat, Ririshun, Yingkang Life, Haier Biomedical, Haina Cloud and HCH, and has Seven global brands such as Haier, Casarte, Leader, GE Appliances, Fisher & Paykel, AQUA and Candy. It has successfully incubated 5 unicorn companies and 23 gazelle companies. Moreover, Haier has established 10+N open innovation systems, 25 industrial parks, 124 manufacturing centers, 108 marketing centers and more than 140,000 sales networks around the globe, it has gone deep into 160 countries and regions globally, serving more than 1 billion users' families.

Upholding the vision of "creating new engines to growth in the era of IoT with Rendanheyi Model", Haier Group is committed to working with its world-class ecosystem partners to continuously build premium brand, scenario brand and ecosystem brand, and to set up IoT ecosystems in clothing, food, accommodation, travel, health, elderly care, biomedicine and education, and to tailor personalized smart life for users around the globe.



# Haier Global Network

Haier has owned 10+N R&D centers, 28 industrial park, 122 factories, 108 marketing centers across the world, and the sales network over 160 countries or regions.

Haier has seven major household appliance brands across the world: Haier, Casarte, Leader, AQUA, Fisher & Paykel, GE Appliances (GEA) and CANDY. All these brands together have constituted Haier's global brand cluster, which can fully meet the best experience of different consumer groups in different regions all across the world.



# Haier Global Manufacturing Capacity

In China, Haier owns 8 air conditioner factories, 1 of which is MHAQ, a JV between Haier and Mitsubishi Heavy. Besides China, Haier runs another 8 overseas air conditioner factories. These factories have a total production capacity of over 27.2 million units per year.

The First Batch Chinese local enterprise selected as  
"Lighthouse Factory"  
in the world



# Haier R&D Center

Haier Air Conditioning R&D Center, located in Qingdao, China, completed in December 2013, covers 20,000 square meters. It has more than 120 laboratories, including testing laboratories, key part research laboratories and all-weather user experience simulation laboratories. The R&D center also has the world tallest "drop tower" for testing long refrigerant piping tests(106 meters tall).

In April 2014, Haier established joint laboratories with Highly for research in heating & cooling technology and with Mitsubishi Electric for innovative technology for user experience. Research by the user experience center covers the fields of user comfort evaluation, aerodynamics, acoustics, EMC(Electro-Magnetic Compatibility) and mechanics etc. The labs can carry out more than 600 international tests as per ISO, IEC, EN, CISPR and ANSI etc. to meet the requirements of Europe, Asia, America, Australia, Middle East and other 100 countries and regions.

The user experience center gains recognition by domestic well-known certification and testing institutions, also is recognized by international organizations like TUV and Intertek etc. At Haier, we believe that the best air conditioning is one that builds on uncompromising quality control worldwide, developing and manufacturing fine products and delivering them to customers everywhere.



## R&D Labs

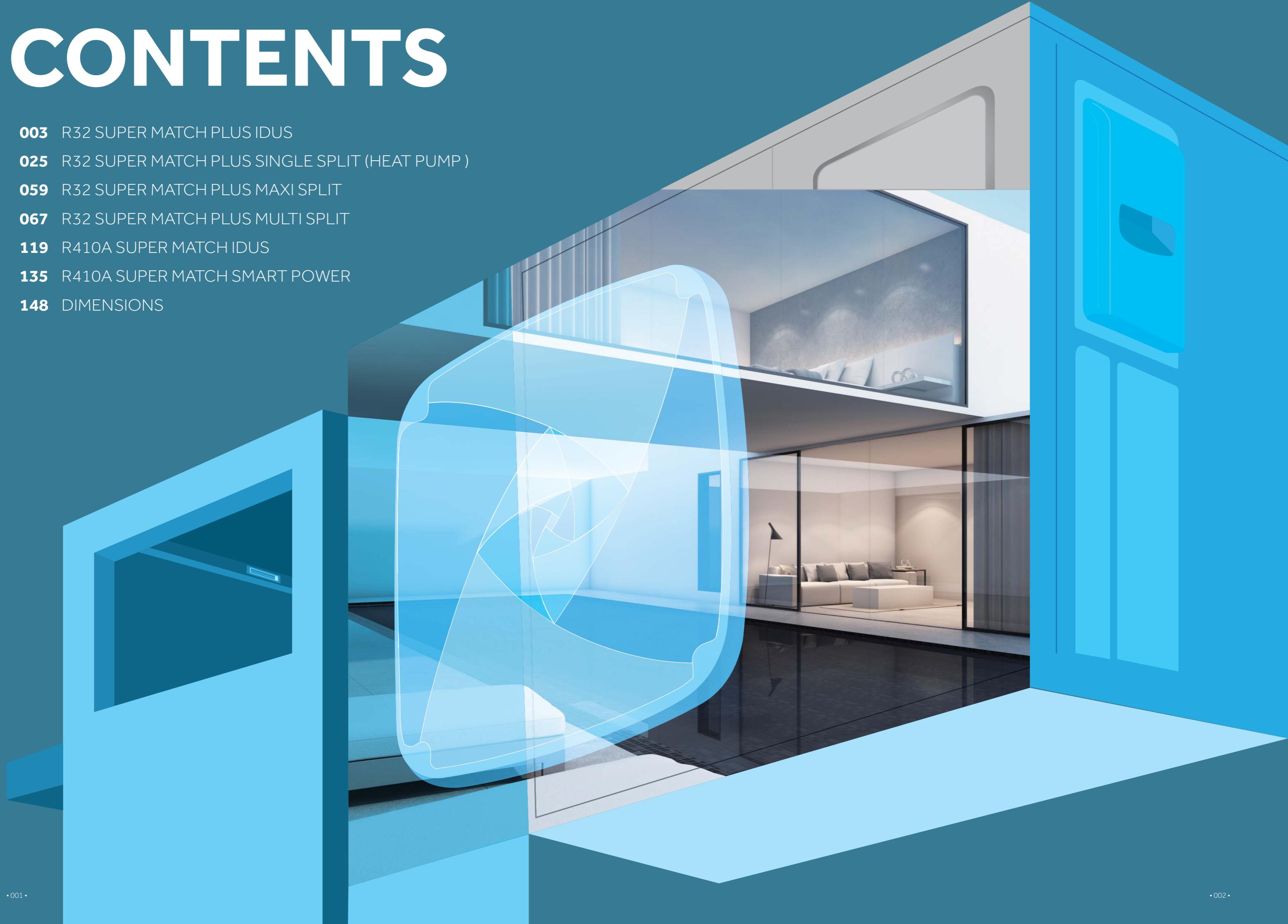


## Global Certification



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- 003** R32 SUPER MATCH PLUS IDUS
- 025** R32 SUPER MATCH PLUS SINGLE SPLIT (HEAT PUMP )
- 059** R32 SUPER MATCH PLUS MAXI SPLIT
- 067** R32 SUPER MATCH PLUS MULTI SPLIT
- 119** R410A SUPER MATCH IDUS
- 135** R410A SUPER MATCH SMART POWER
- 148** DIMENSIONS





# R32 SUPER MATCH PLUS IDUS

- 005** Console
- 007** Compact Cassette
- 009** Round-way Cassette
- 013** Slim Low ESP Duct
- 015** Medium ESP Duct
- 019** High ESP Duct
- 021** Convertible
- 023** Cabinet



## House Healthy

### 56°C Steri-clean

Kills bacteria and viruses by heating the evaporator to 56°C high temperature for 30 minutes.

\*AF25S2SD1FA(H)/AF35S2SD1FA(H)/AF42S2SD1FA(H)



## House Healthy

### 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.



## Sun Comfortable

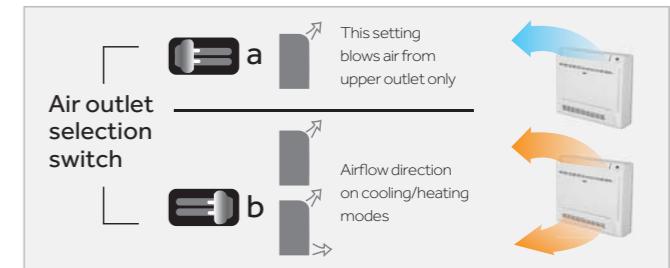
### Super Silent

Night Quiet mode only 20dB(A) leading in the industry.



### Carpet Airflow

When switch to two-way airflow mode, the machine could achieve carpet airflow. Under cooling mode, the wind blows from the upper outlet; under heating mode, the wind blows from both upper and lower outlet, which could reach the setting temperature quickly and enjoy uniform airflow.



## Cloud Smart

### WiFi

Besides normal wired/infrared control, Haier supplies Smart Control from hOn APP, including the on/off, operation mode selection, fan speed temperature, and air flow adjustment, schedule, UV function and steri-clean 56°C, etc.



## Cross Convenient

### Easy Installation

The indoor units can be installed on the floor or on the wall. It's more flexible and easy for installation.





## Healthy

### HEPA Module (Optional)

PM2.5 is particulate matter with a diameter of  $\leq 2.5\mu\text{m}$  in the air, which has negative impacts on air quality and visibility. PM2.5 has small particle size, large area, strong activity, easy to carry toxic and harmful substances (such as heavy metals, microorganisms, etc.), long residence time in the atmosphere and long transportation distance, so it has a greater impact on human health and atmospheric environmental quality.

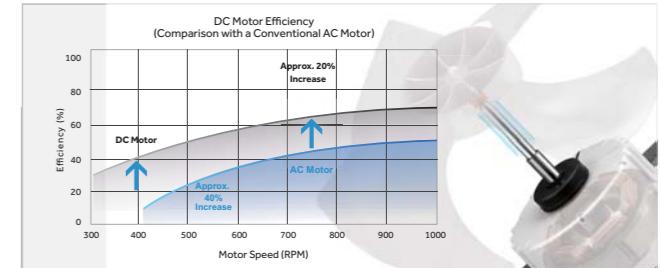
HEPA module could remove PM2.5 with high purifying efficiency-99.9% per 2h.



## Energy Saving

### DC Fan Motor

Comparing with conventional AC fan motor, and DC fan motor is more efficiency. Motor power input reduced 50% than that with the same power output.



## Comfortable



### ① "Spiral" Panel

"Spiral" concept, "Haier" image.

### ② Flap is Closed When Air Conditioner Off

There is no crack from the flap and the panel when the air conditioner off. More elegance.

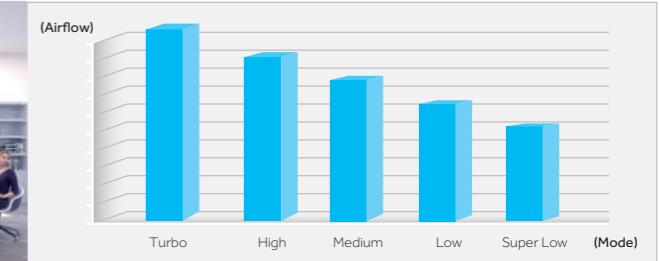
### Individual Flap Control

The four flaps can be controlled individually according to end users by controller, providing maximum comfort throughout the room, it is a good solution to avoid "air conditioning disease".



### 5-speed Airflow

There are 5-speed airflow: super low/low/medium/high/Turbo mode to choose. Turbo mode with super high speed for cooling/heating rapidly; (15 minutes return to high speed to lower the sound level).



## Smart

### WiFi

Besides normal wired/infrared control, Haier supplies Smart Control from hOn APP, including the on/off, operation mode selection, fan speed temperature, and air flow adjustment, schedule, UV function and steri-clean 56°C, etc.



## Convenient

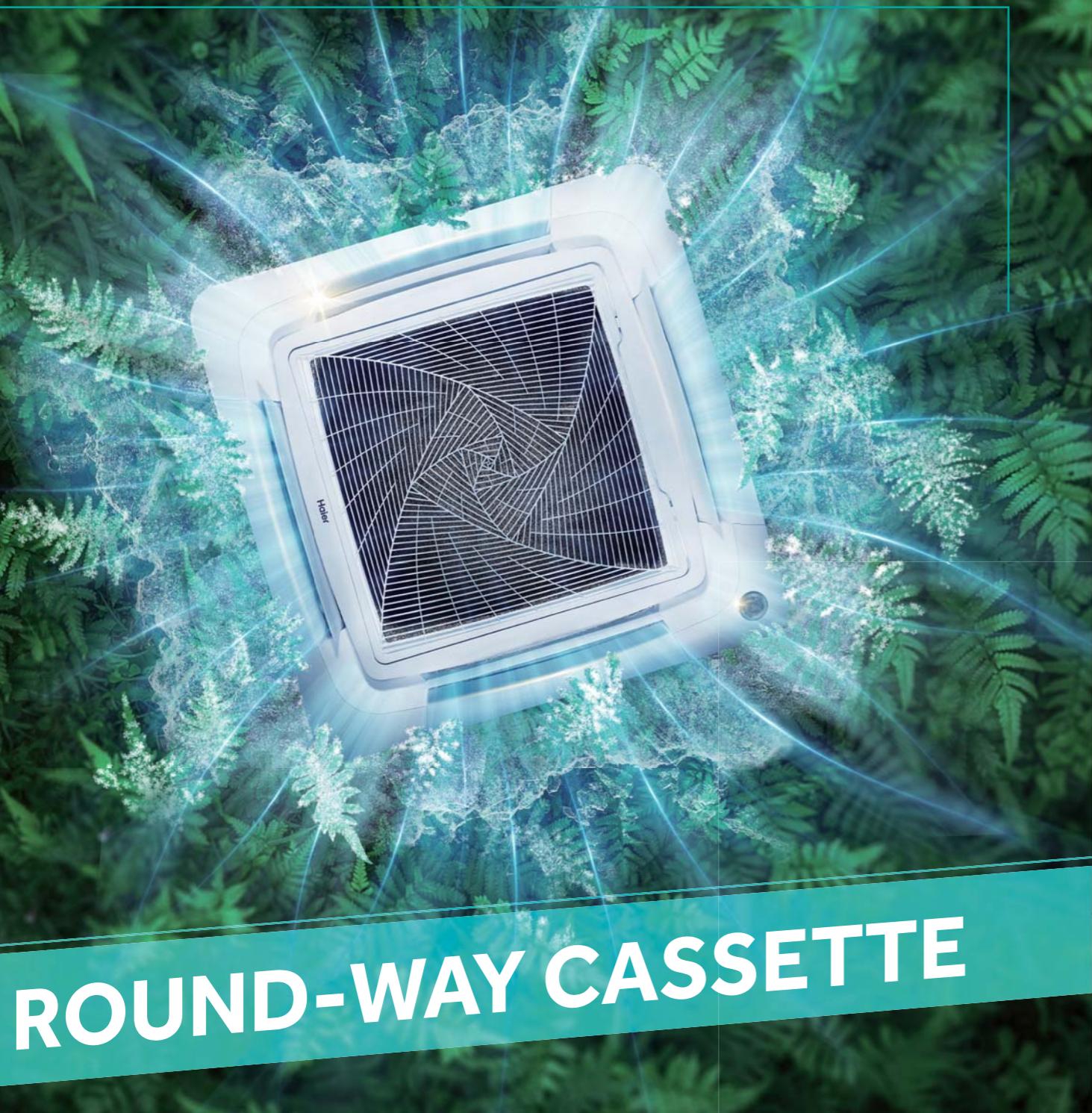
### Easy-access Electrical Box Design

The electrical box is located in the unit, and you can just make maintenance by opening the panel, without opening the ceiling.

### 620mm\*620mm Panel

The new 620mm\*620mm panel is very fit for the standard decoration panel, and without covering other things, such as light.





# ROUND-WAY CASSETTE

## Healthy

### HEPA Module (Optional)

PM2.5 is particulate matter with a diameter of  $\leq 2.5\mu\text{m}$  in the air, which has negative impacts on air quality and visibility. PM2.5 has small particle size, large area, strong activity, easy to carry toxic and harmful substances (such as heavy metals, microorganisms, etc.), long residence time in the atmosphere and long transportation distance, so it has a greater impact on human health and atmospheric environmental quality.

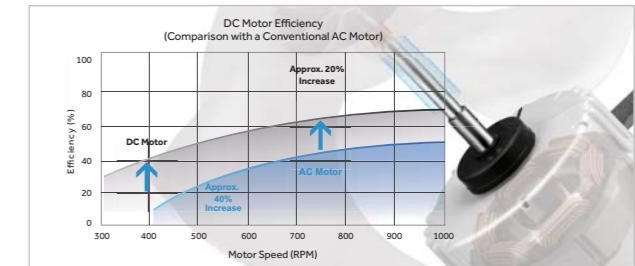
HEPA module could remove PM2.5 with high purifying efficiency-99.9% per 2h.



## Energy Saving

### DC Fan Motor

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

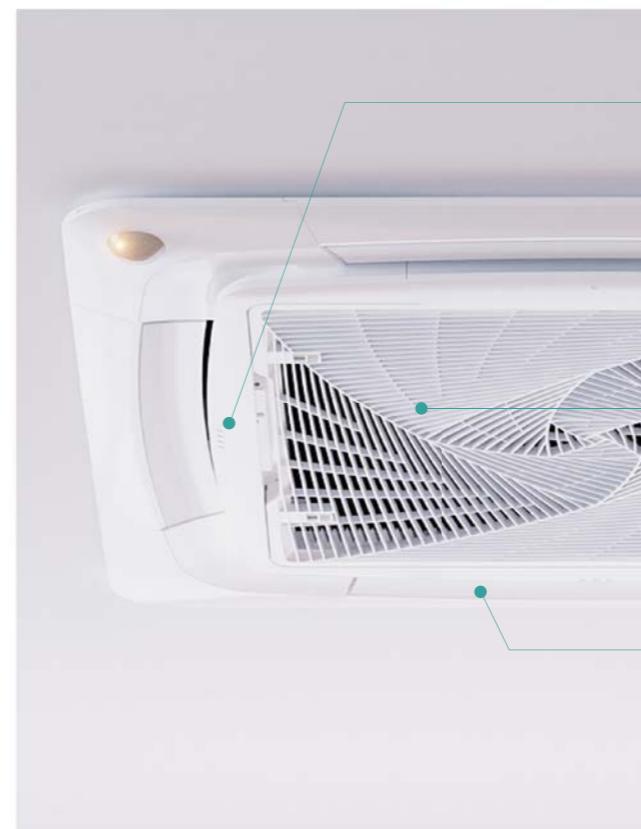


### New Heat Exchanger Design

The area of exchanger is enlarge to increase heating efficiency.



## Comfortable



### ① Hidden LCD Display

The 360°smart flow cassette have particular hidden LCD display design. Green display for cooling red display for heating, it is very easy identified by opening mode.

### ② "Spiral" Panel

"Spiral" concept, "Haier" image.

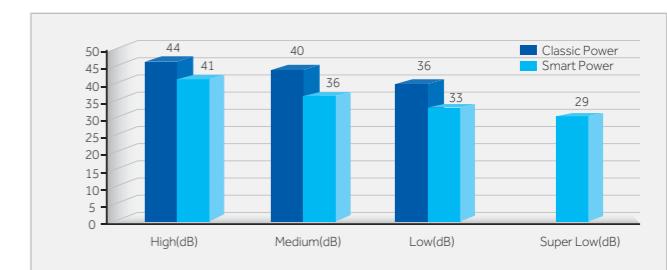
### ③ Flap is Closed When Air Conditioner Off

There is no crack from the flap and the panel when the air conditioner off. More elegance.

### Fan Speed Programme

Besides 3 normal speeds, we set one extra least fan speed, totally 4 speeds. Sound level reduce 3dB(A) extra.

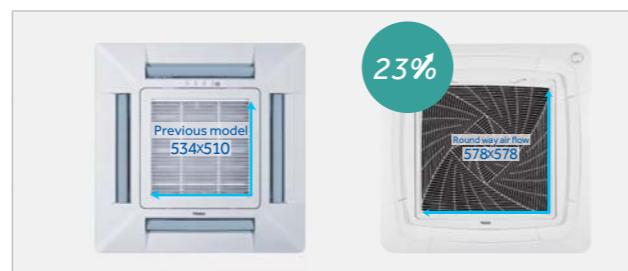
Series	Classic Power	Smart Power
Cooling Capacity	8kW	9kW
Model	AB28ES1ERA(S)	ABH090H1ERG



## Comfortable

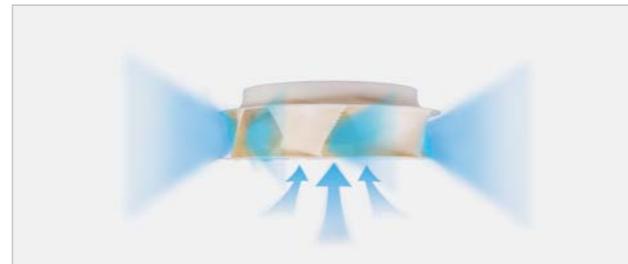
### Super Big Inlet Grille

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



### Brand-new Designed Fan

The diameter of new fan is enlarged based on aerodynamic theory, so that there is the least resistance against airflow. Reduce 3dB(A) for sound level.



### Individual Flap Control

The four flaps can be controlled individually according to end users by controller, providing maximum comfort throughout the room, it is a good solution to avoid "air conditioning disease".



### 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

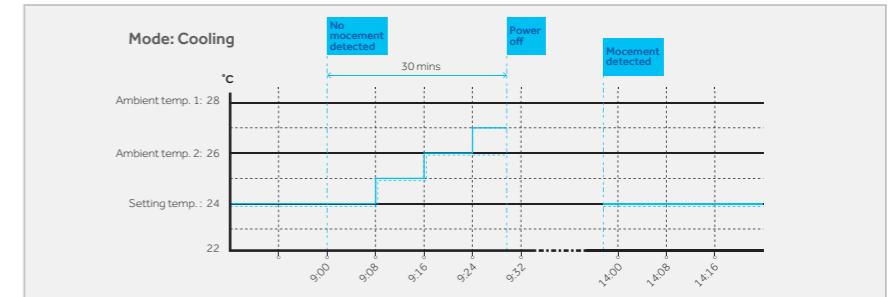
Round way air supply without blind spot.



## Smart

### Intelligent Sensor

The intelligent 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).



Sensor detects moving heat resources in the room and send one signal to PCB once detected

PCB will adjust setting temp. 1°C higher(cooling mode) or lower(heating mode) every 8 mins if it receive no signal

If setting temp. reaches ambient temp., stop adjust

After 30 mins from no signal received, PCB will order to power off

Sensor keep detecting moving heat resources and send signal to PCB once detected

If PCB receives 10 signals in row, it will order the unit power on and return to original setting temp.

## Convenient

### Square Hanger

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



### Dismantling Only 1 Screw

Installer can finish wiring by taking down 1 screw.



### Convenient Clip

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



### High Lift-up Drain Pump

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





## Healthy

### UVC Sterilization

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

\*AD35S2SS1FA(H)/AD50S2SS1FA(H)/AD71S2SS1FA(H)



### 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.



## Comfortable

### Super Silent

Night Quiet mode only 23dB(A) leading in the industry.



### 3D Airflow Grille

Air inlet and outlet grille can improve the decoration greatly. Furthermore, the 3D air outlet grille can send the warm air to the ground in winter to avoid the "cold feet" feeling in winter.



## Smart

### WiFi

Besides normal wired/infrared control, Haier supplies Smart Control from hOn APP, including the on/off, operation mode selection, fan speed temperature, and air flow adjustment, schedule, UV function and steri-clean 56°C, etc.



## Convenient

### Super Thin Design

The height of slim low pressure duct unit is 185mm only, which is advanced in the industry and make the silmnest ceiling drop.



### Left or Right Drain Outlet

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



### 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-E17A/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: 0/10/20/40 Pa.



Note: If the installer use wireless controller for duct unit, they need to change the pressure level by PCB dip switch

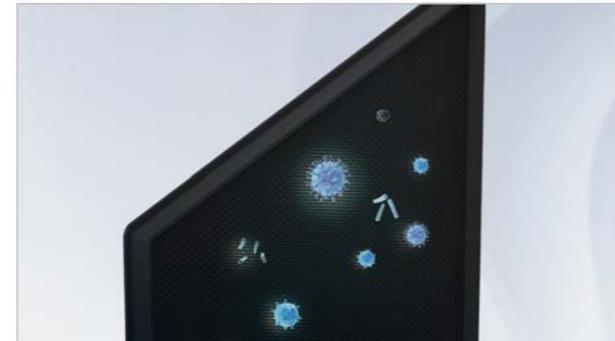
# MEDIUM ESP DUCT

## Healthy

### 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

### UVC Sterilization

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

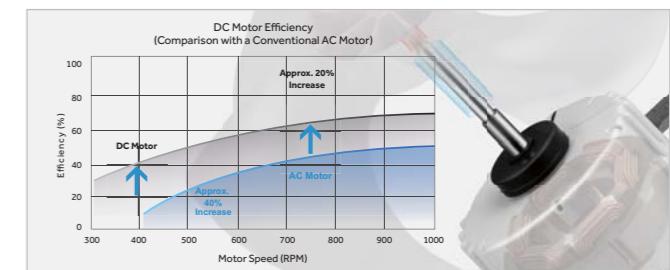
\*AD35S2SM3FA(H)/AD50S2SM3FA(H)/AD71S2SM3FA(H)/AD105S2SM3FA(H)



## Energy Saving

### DC Fan Motor

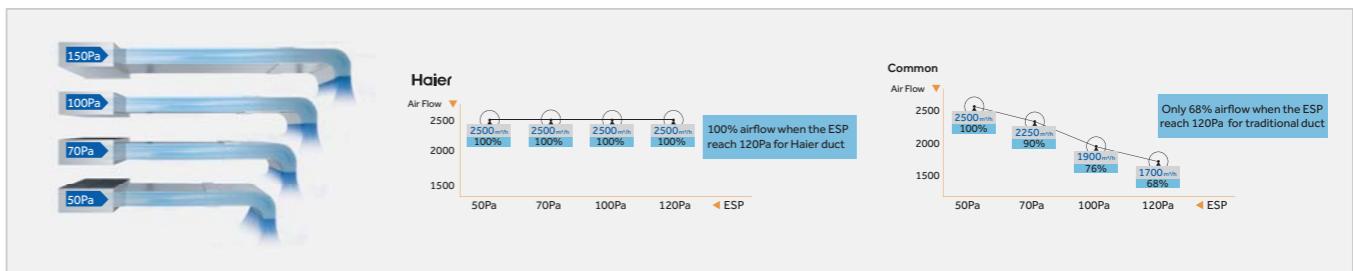
Haier duct adopts DC fan motor, compared to conventional AC fan motor, DC fan motor is more efficiency.



## Comfortable

### Consistent Airflow

The indoor units contain up to 3 fans which can provide consistent airflow in different pressure enhancing the comfort.



## Smart

### WiFi

Besides normal wired/infrared control, Haier supplies Smart Control from hOn APP, including the on/off, operation mode selection, fan speed temperature, and air flow adjustment, schedule, UV function and steri-clean 56°C, etc.



## Convenient

### Super Slim

248mm of thickness for better installation application flexibility(for 7.1kW-16kW).



# Convenient

## High Lift-up Drain Pump

It can lift condensed water up to 600mm, which make installation more flexible according to the layout.



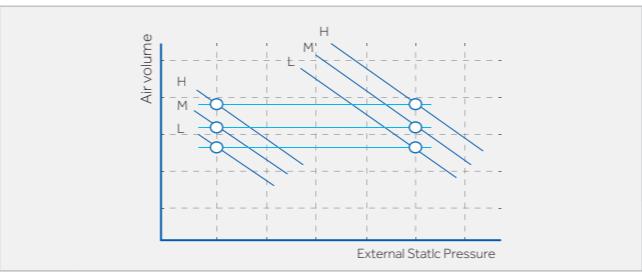
## Return Air Choices

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



## Adjusted Pressure by Wired Controller

We takes DC fan motor design, external static pressure can be adjusted by wired controller, so installer don't need to climb the ladders to adjust pressure.



## Wiring Optimization

∠ 45° angle humanized design

Just use screw driver to take down two screws with tilting angle, installer will have best experience in wiring work.





## HIGH ESP DUCT

### Energy Saving

#### Super High Airflow

New DC fan motor and large length & diameter fan design, provide the 2880 m<sup>3</sup>/h (800l/s) above air flow with 250m<sup>3</sup>/h/kW (70L/s/kW), which is 44% more than medium pressure duct unit.

Capacity	Medium pressure duct airflow(m <sup>3</sup> /h)	High pressure duct airflow(m <sup>3</sup> /h)	Promotion
10.0kW	2000	2880	44%
12.5kW	2250	3250	44%
14.0kW	2500	3600	44%

#### High Efficiency Design

We use DC fan motor and wide fin more rows heat exchanger, which can provide EER >3.4 for all highpressure duct combinations.

### Smart

#### WiFi

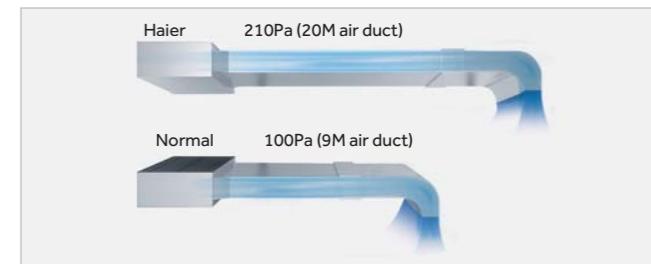
Besides normal wired/infrared control, Haier supplies Smart Control from hOn APP, including the on/off, operation mode selection, fan speed temperature, and air flow adjustment, schedule, UV function and steri-clean 56°C, etc.



### Convenient

#### 210Pa Pressure Setting

210Pa pressure give the design flexibility totally, it can meet difficulty duct requirement.



#### Compact Indoor Unit

The premium ducted split system has a small chassis. This small split type of indoor unit helps make it easy to install in narrow and small spaces\*.



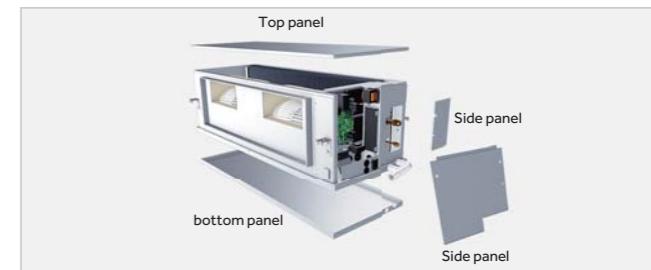
#### 10 Step Adjusted Pressure

Pressure can be adjusted by wired controller YR-E16B / YR-E17A, installer don't need to install the static box, save installation time.



#### Three Side Open the Panel

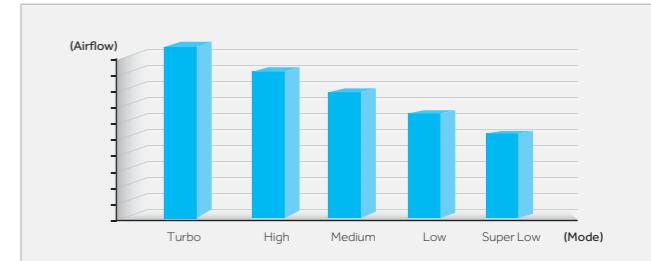
There are three side panel which can be opened for easy maintenance: Top panel and bottom panel can be opened to maintain the fan and motor; Electrical panel can be opened to maintain the electrical parts; Side panel can be opened to maintain the pipe sensor.



#### Multi Air Speed for Comfort

There are 4 speed airflow: super low/low/medium/high to choose for comfort.

There are also turbo mode with super high speed for quick cooling/heating.





## Healthy

### HEPA Module (Optional)

PM2.5 is particulate matter with a diameter of  $\leq 2.5\mu\text{m}$  in the air, which has negative impacts on air quality and visibility. PM2.5 has small particle size, large area, strong activity, easy to carry toxic and harmful substances (such as heavy metals, microorganisms, etc.), long residence time in the atmosphere and long transportation distance, so it has a greater impact on human health and atmospheric environmental quality.

HEPA module could remove PM2.5 with high purifying efficiency-99.9% per 2h.



## Comfortable

Big-wave shape on both sides to embody multiple levels design, ultra thin visually.



Appearance without screw, easy care.



Minimum sound pressure level (7.1kW) up to 34dB(A) leading in the industry.



### Freestyle Airflow(Optional)

Left /right swing individually, maxi angle degree 100°, different angle can be fixed accordingly. Up-and-down swing angle maxi. degree 70°.



## Smart

### Intelligent Sensor (Optional)

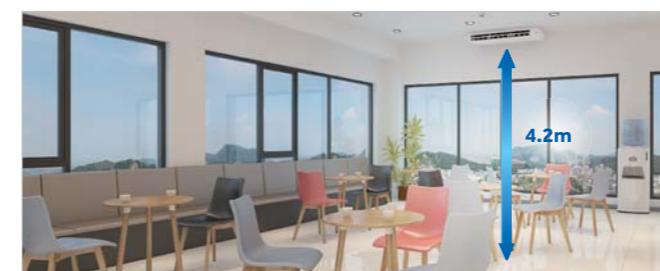


Switch-on when people coming in; switch-off when people leaving.



## Convenient

Turbo mode 4.2m(12.5/14/16kW) which is convenience for installation choice.



Easy to wire and maintain PCB: simply open the grille to make it.





## Healthy

### 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

### UVC Sterilization

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

\*AP140S2SK1FA(H)



## Comfortable

### 15m Long Distance Airflow

According to the requirement of office room and large parlor, 15m long distance.



### 3D Airflow

The cabinet type adopts two stepping motors to combines vertical and horizontal auto-swing to circulate cool/warm air to the every corner of the room.



### Reliable Protect

The system has many protect functions to achieve reliable running: High-pressure protection; low-pressure protection; phase protection; over-current protection.



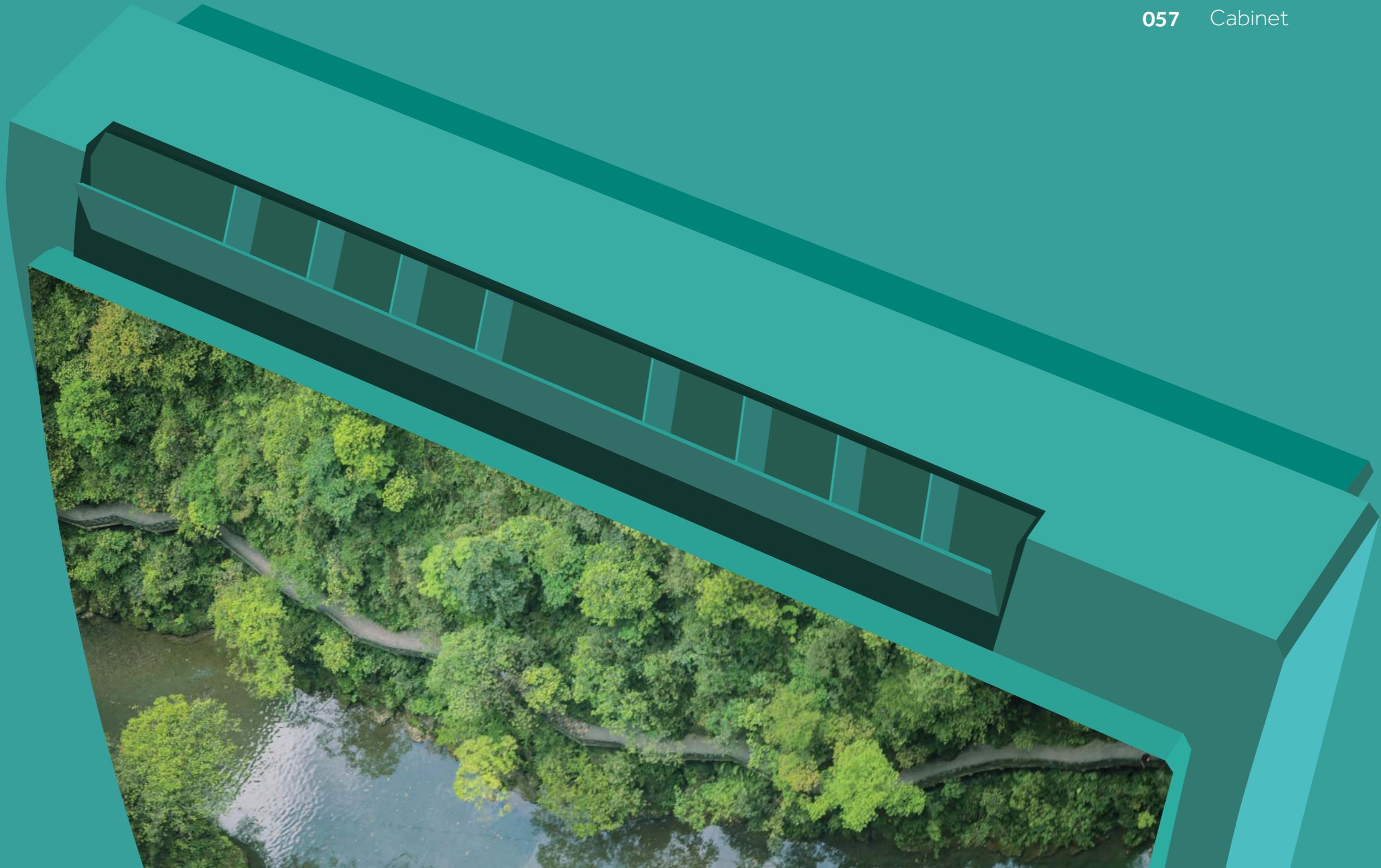
### Child Lock

After you set this function, the working status can not be changed either by the remote controller or the touch screen, unless this setting is cancelled.

# R32

## SUPER MATCH PLUS

### SINGLE SPLIT (HEAT PUMP)



- 027** Models Line-up
- 029** Outdoor Unit
- 031** Covertible
- 035** Console
- 037** Compact Cassette
- 039** Round-way Cassette
- 043** Slim Low ESP Duct
- 045** Medium ESP Duct
- 055** High ESP Duct
- 057** Cabinet

# Models Line-up



Type \ kW	Optional Controller	2.5	3.5	4.2	5.0	7.1	10.5	10.5	12.5	14.0(Single fan)	14.0(Double fan)	16.0
Inverter O.U. 1/220-240/50/60 3/380/50/60												
Convertible												
Console												
Compact Cassette 4-way(Panel:PK-620KB)												
Compact Cassette 4-way(Panel:PK-700KB)												
Round-way Cassette												
Slim Low ESP Duct (DC 185mm, Panel Optional) Air Guard Series												
Medium ESP Duct (DC 248mm)												
Medium ESP Duct (DC 248mm) Air Guard Series												
High ESP Duct (DC)												
Cabinet												
Cabinet Air Guard Series												

R32 SUPERMATCH PLUS SINGLE SPLIT(HEAT PUMP)



## Energy Saving

### High Performance

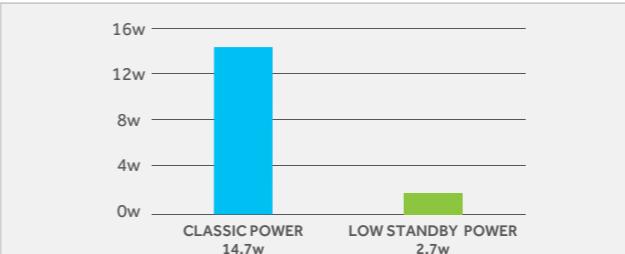
World class energy efficiency: meet the energy saving requirement for end user and Eurovent standard.



## Energy Saving

### Low Standby Power

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



### New Refrigerant R32

We take new refrigerant R32 which is more environment friendly. The benefits as follows;

GWP (Global Warm Potential) content :

R32 = 675 VS R410A = 2088

R32 is less than 1/3 of R410A. More environment friendly!



## Comfortable

### New Designed Air Flow System

47dB(A) low sound level thanks to new airflow system which combined by new 550mm big diameter fan and air outlet grill, which reduce air resistance.

### 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.



## Convenient

### Built-in Valve Design

The new built-in valve design, it can realize 4 way pipe connection(front, rear, right, down), it is more beautiful and easy installation.



### Double Side 4 Handles

Because of double side 4 handles design, it is very easy for 2 peoples carry it.



### "888" Digital Test Panel

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



# Convertible



3.5 / 5.0 / 7.1 / 10.5kW



3D airflow



Intelligent sensor  
(Optional)



Turbo mode 4.2m  
(12.5/14 kW)



Double 8 to show  
temperature and error



MODEL		Indoor unit	AC35S2SG1FA		AC50S2SG1FA		AC71S2SG1FA		AC105S2SH1FA		AC105S2SH1FA
	Outdoor unit	1U35S2SM1FA-2		1U50S2SJ2FA		1U71S2SR2FA		1U105S2SS2FA		1U105S2SS1FB	
Nominal performance data	Capacity	Cooling	Btu/h (nor)	12000		17060		24230		32400	
			kW nor(min-max)	3.5(1.0-4.3)		5.0(1.4-5.7)		7.1(2-7.3)		9.5(2.5-10.0)	
	Heating		Btu/h (nor)	14334		20136		25600		34800	
			kW nor(min-max)	4.0(1.0-5.3)		5.8(1.4-6.0)		7.5(2.5-8)		10.2(3.0-10.5)	
	Rated power input	Cooling	kW nom(min-max)	0.91(0.3-1.5)		1.45(0.5-2.0)		2.20(0.5-3.0)		3.13(0.5-4.0)	
		Heating	kW nom(min-max)	1.07(0.5-1.6)		1.56(0.52-2.35)		2.02(0.5-3.0)		3.07(0.5-4.0)	
	EER/COP			3.81/3.73		3.48/3.73		3.23/3.71		3.04/3.32	
	Cooling P design(35°C)	kW		3.5		5		7.1		9.5	
	Heating P design(-10°C)	kW		3		4.4		5		7	
	SEER/SCOP			8.5/4.47		7.31/4.1		6.1/3.8		6.11/3.8	
	Energy class(Cooling/Heating)			A+++/A+		A++/A+		A++/A		A++/A	
	Annual energy consumption(Cooling)	kW		146		240		407		549	
	Annual energy consumption(Heating)	kW		945		1491		1832		2750	
<b>INDOOR UNIT</b>											
Performance	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	
		Air flow(H/M/L)	m³/h	750/620/500		880/750/650		1250/1128/930		1600/1400/1280	
Installation	Sound power level(H/M/L)	dB(A)		53		57		61		61	
	Sound pressure level(H/M/L)	dB(A)		39/36/33		44/41/38		43/40/38		47/43/41	
	External dimensions(W/D/H)	mm		1000/230/680		1000/230/680		1325/230/680		1325/230/680	
	Shipping dimensions(W/D/H)	mm		1100/305/779		1100/305/779		1425/305/779		1425/305/779	
Controller	Net/Shipping weight	kg		26/32		26/32		33.5/41.9		33.5/41.9	
	optional			YR-HQS01		YR-HQS01		YR-HQS01		YR-HQS01	
	optional			YR-E17A		YR-E17A		YR-E17A		YR-E17A	
<b>OUTDOOR UNIT</b>											
Performance	Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50		1/230/50		1/220-240/50/60		1/220-240/50/60	
		Air flow (H)	m³/h	2000		2500		3000		3500	
Installation	Sound power level	dB(A)		61		63		67		66	
	Sound pressure level	dB(A)		48		51		54		53	
	External dimensions(W/D/H)	mm		800/275/553		820/338/614		890/353/697		920/372/760	
	Shipping dimensions(W/D/H)	mm		908/405/625		993/413/685		1046/460/780		1036/478/820	
Controller	Net/Shipping weight	kg		30/32.9		37.8/41.5		45/50		60/65	
	Compressor type			Rotary		Twin rotary		Twin rotary		Twin rotary	
	Refrigerant type			R32		R32		R32		R32	
	GWP			675		675		675		675	
	Refrigerant liquid pipe	mm		6.35		6.35		9.52		9.52	
	Refrigerant gas pipe	mm		9.52		12.7		15.88		15.88	
	Max pipe length	m		15		25		50		50	
	Max drop between I.U.&O.U	m		10		15		30		30	
	Refrigerant load in factory	kg		0.78		0.95		1.3		1.7	
	Maximum pipe length without charge refrigerant	m		7		7		10		30	
Working temp.	Refrigerant charge quantity for extra length	g/m		20		20		45		45	
	Cooling(Min-Max)	°C		-10-46		-10-46		-10-46		-10-46	
	Heating(Min-Max)	°C		-15-24		-15-24		-15-24		-15-24	

\* Data is pending:

# Convertible



12.5 / 14.0 / 16.0kW



3D airflow



Intelligent sensor  
(Optional)



Turbo mode 4.2m  
(12.5/14 kW)



Double 8 to show  
temperature and error



MODEL			Indoor unit	AC125S2SK1FA		AC125S2SK1FA	AC140S2SK1FA	AC140S2SK1FA	AC140S2SK1FA	AC160S2SK1FA
			Outdoor unit	1U125S2SN2FA		1U125S2SN2FB	1U140S2SN1FA	1U140S2SN1FB	1U140S2SP2FA	1U140S2SP2FB
Nominal performance data	Capacity	Cooling	Btu/h (nor)	41980		42320	45700	45700	46410	46410
			kW nor(min-max)	12.3(3.0-13.0)		12.4(3.0-13.0)	13.4(3.5-14.0)	13.4(3.5-14.0)	13.6(4.0-15.0)	13.6(4.5-16.5)
	Heating	Btu/h (nor)		43340		43680	51200	51200	51200	58000
			kW nor(min-max)	12.7(3.5-13.5)		12.8(3.5-13.5)	15.0(4.0-15.5)	15.0(4.0-15.5)	15.0(4.5-16.0)	17.0(5.0-18.0)
	Rated power input	Cooling	kW nom(min-max)	4.54(1.0-6.0)		4.53(1.0-6.0)	5.23(1.0-6.5)	5.13(1.0-6.5)	4.53(1.0-6.0)	4.53(1.0-6.5)
		Heating	kW nom(min-max)	3.96(1.0-6.0)		3.93(1.0-6.0)	5.08(1.0-6.5)	4.97(1.0-6.5)	4.17(1.0-6.0)	4.29(1.0-6.0)
Seasonal performance data	EER/COP			2.71/3.21		2.74/3.26	2.56/2.95	2.61/3.02	3.0/3.6	3.0/3.5
	Cooling P design(35°C)	kW	12.3			12.4	13.4	13.4	13.6	13.6
	Heating P design(-10°C)	kW	8			8	8.5	8.5	10	10
	SEER/SCOP		5.86/3.97			5.86/3.98	5.92/3.97	5.97/4.0	6.16/4.06	6.18/4.06
	Energy class(Cooling/Heating)		A+/A			A+/A	A+/A	A+/A+	A++/A+	A++/A+
	Annual energy consumption(Cooling)	kW	738			742	792	786	761	759
INDOOR UNIT	Annual energy consumption(Heating)	kW	2995			2976	2995	2976	3791	3791
	Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60		1/220-230/50/60	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	2050/1900/1600		2050/1900/1600	2150/1980/1800	2150/1980/1800	2150/1980/1800	2250/2000/1850
	Sound power level(H/M/L)	dB(A)	64			64	66	66	66	67
	Sound pressure level(H/M/L)	dB(A)	46/43/41			46/43/41	48/46/43	48/46/43	48/46/43	48/46/43
	External dimensions(W/D/H)	mm	1650/230/680			1650/230/680	1650/230/680	1650/230/680	1650/230/680	1650/230/680
Installation	Shipping dimensions(W/D/H)	mm	1750/305/779			1750/305/779	1750/305/779	1750/305/779	1750/305/779	1750/305/779
	Net/Shipping weight	kg	43/51			43/51	43/51	43/51	43/51	43/51
	Controller	optional	YR-HQS01			YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
		optional	YR-E17A			YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
	OUTDOOR UNIT									
	Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60		3/380-415/50/60	1/220-240/50/60	3/380-415/50/60	1/220-240/50/60	3/380-415/50/60
Performance	Air flow (H)	m³/h	4200			4200	4200	4200	7000	7400
	Sound power level	dB(A)	72			72	72	72	70	72
	Sound pressure level	dB(A)	58			58	58	58	53	58
	External dimensions(W/D/H)	mm	950/370/965			950/370/965	950/370/965	950/370/965	950/370/1350	950/370/1350
	Shipping dimensions(W/D/H)	mm	1050/485/1130			1050/485/1130	1050/485/1130	1050/485/1130	1050/485/1500	1050/485/1500
	Net/Shipping weight	kg	84/89			85/90	84/89	85/90	105/118	101/116
Installation	Compressor type		Twin rotary			Twin rotary				
	Refrigerant type		R32			R32	R32	R32	R32	R32
	GWP		675			675	675	675	675	675
	Refrigerant liquid pipe	mm	9.52			9.52	9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	15.88			15.88	15.88	15.88	15.88	19.05
	Max pipe length	m	50			50	50	50	70	70
Working temp.	Max drop between I.U.&O.U	m	30			30	30	30	30	30
	Refrigerant load in factory	kg	2.3			2.3	2.3	2.3	2.9	3.5
	Maximum pipe length without charge refrigerant	m	30			30	30	30	30	30
	Refrigerant charge quantity for extra length	g/m	45			45	45	45	45	45
	Cooling(Min-Max)	°C	-10-46			-10-46	-10-46	-10-46	-10-46	-10-46
	Heating(Min-Max)	°C	-15-24			-15-24	-15-24	-15-24	-15-24	-15-24

\* Data is pending:

# Console



2.5kW, 3.5kW, 4.2kW



YR-HQS01



DC fan motor



Quiet running  
21dB(A)



WiFi control



Blowing up and down



MODEL			Indoor unit	AF25S2SD1FA	AF25S2SD1FA(H)	AF35S2SD1FA	AF35S2SD1FA(H)	AF42S2SD1FA	AF42S2SD1FA(H)
	Outdoor unit	1U25S2SM1FA-2	1U25S2SM1FA-2	1U25S2SM1FA-2	1U25S2SM1FA-2	1U35S2SM1FA-2	1U35S2SM1FA-2	1U42S2SM1FA	1U42S2SM1FA
Nominal performance data	Capacity	Cooling	Btu/h (nor)	8530(2730-10920)	8530(2730-10920)	11600(3410-13650)	11600(3410-13650)	14330(4780-15360)	14330(4780-15360)
			kW nor(min-max)	2.5(0.8-3.2)	2.5(0.8-3.2)	3.4(1.0-4.0)	3.4(1.0-4.0)	4.2(1.4-4.5)	4.2(1.4-4.5)
	Heating		Btu/h (nor)	9550(2730-11950)	9550(2730-11950)	11950(3410-15360)	11950(3410-15360)	16040(4770-17060)	16040(4770-17060)
			kW nor(min-max)	3.0(0.8-3.8)	3.0(0.8-3.8)	3.5(1.0-4.5)	3.5(1.0-4.5)	4.7(1.4-5.0)	4.7(1.4-5.0)
	Rated power input	Cooling	kW nom(min-max)	0.65(0.2-1.3)	0.65(0.2-1.3)	0.94(0.3-1.5)	0.94(0.3-1.5)	1.30(0.5-1.6)	1.30(0.5-1.6)
		Heating	kW nom(min-max)	0.80(0.3-1.6)	0.80(0.3-1.6)	0.94(0.5-1.6)	0.94(0.5-1.6)	1.50(0.6-1.9)	1.50(0.6-1.9)
	EER/COP			3.8/3.73	3.8/3.73	3.6/3.73	3.6/3.73	3.23/3.11	3.23/3.11
	Cooling P design(35°C)	kW		2.5	2.5	3.4	3.4	4.2	4.2
Seasonal performance data	Heating P design(-10°C)	kW		2.4	2.4	2.9	2.9	3.2	3.2
	SEER/SCOP			8.0/4.2	8.0/4.2	7.5/4.2	7.5/4.2	7.0/4.0	7.0/4.0
	Energy class(Cooling/Heating)			A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
	Annual energy consumption(Cooling)	kW		107	107	157	157	208	208
	Annual energy consumption(Heating)	kW		798	798	962	962	1115	1115
	<b>INDOOR UNIT</b>								
Performance	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
		Air flow(H/M/L)	m³/h	400/350/300	400/350/300	450/400/350	450/400/350	530/480/430	530/480/430
Installation	Sound power level(H/M/L)	dB(A)		52	52	55	55	58	58
	Sound pressure level(H/M/L)	dB(A)		40/32/25	40/32/25	42/34/26	42/34/26	46/37/33	46/37/33
	External dimensions(W/D/H)	mm		700/210/600	700/210/600	700/210/600	700/210/600	700/210/600	700/210/600
	Shipping dimensions(W/D/H)	mm		783/303/695	783/303/695	783/303/695	783/303/695	783/303/695	783/303/695
	Net/Shipping weight	kg		16.5/18.5	16.5/18.5	16.5/18.5	16.5/18.5	16.5/18.5	16.5/18.5
OUTDOOR UNIT	Controller	Standard	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
	optional	YR-E17A		YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
Performance	Power supply	Ph/V/Hz	1/220-240/50		1/220-240/50	1/220-240/50	1/230/50	1/230/50	1/230/50
	Air flow (H)	m³/h	1900		1900	2000	2100	2100	2100
Installation	Sound power level	dB(A)	59		59	61	61	63	63
	Sound pressure level	dB(A)	47		47	48	48	50	50
	External dimensions(W/D/H)	mm	800/275/553		800/275/553	800/275/553	800/275/553	800/275/553	800/275/553
	Shipping dimensions(W/D/H)	mm	908/405/625		908/405/625	908/405/625	908/405/625	954/409/625	954/409/625
	Net/Shipping weight	kg	27.6/30.4		27.6/30.4	30/32.9	30/32.9	31.5/34	31.5/34
Working temp.	Compressor type		Rotary		Rotary	Rotary	Rotary	Rotary	Rotary
	Refrigerant type		R32		R32	R32	R32	R32	R32
	GWP		675		675	675	675	675	675
	Refrigerant liquid pipe	mm	6.35		6.35	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52		9.52	9.52	9.52	9.52	9.52
	Max pipe length	m	15		15	15	15	15	15
	Max drop between I.U.&O.U	m	10		10	10	10	10	10
	Refrigerant load in factory	kg	0.63		0.63	0.78	0.78	0.94	0.94
	Maximum pipe length without charge refrigerant	m	7		7	7	7	7	7
	Refrigerant charge quantity for extra length	g/m	20		20	20	20	20	20

\* Data is pending:

# Compact Cassette



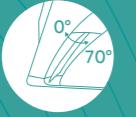
3.5 / 5.0kW



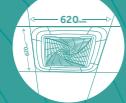
3.5 / 5.0kW



Innovative 4 independent airflow control



Auto Swing: wide discharge angle: 0° to 70°



620x620mm panel fit for the standard decoration panel



Easy installation thanks to 570x570mm design



MODEL		Indoor unit	AB35S2SC1FA	AB50S2SC1FA	AB35S2SC2FA	AB35S2SC2FA-1	AB50S2SC2FA	AB50S2SC2FA-1
	Outdoor unit	1U35S2SM1FA-2	1U50S2SJ2FA	1U35S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA	1U50S2SJ2FA	
Nominal performance data	Capacity	Cooling	Btu/h (nor)	12000	17000	12000	17000	17000
		Heating	kW nor(min-max)	3.5(0.9-4.5)	5.0(1.8-5.8)	3.5(0.9-4.5)	5.0(1.8-5.8)	5.0(1.8-5.8)
			Btu/h (nor)	13700	18800	13700	18800	18800
	Rated power input	Cooling	kW nom(min-max)	1.06(0.28-1.8)	1.53(0.55-2)	1.06(0.28-1.8)	1.53(0.55-2)	1.53(0.55-2)
		Heating	kW nom(min-max)	1.08(0.28-1.8)	1.61(0.6-2)	1.08(0.28-1.8)	1.61(0.6-2)	1.61(0.6-2)
	EER/COP			3.31/3.71	3.26/3.42	3.31/3.71	3.26/3.42	3.26/3.42
	Cooling P design(35°C)	kW	3.5	5	3.5	3.5	5	5
Seasonal performance data	Heating P design(-10°C)	kW	3	4	3	3	4	4
	SEER/SCOP		6.1/3.8	6.1/3.8	6.1/3.8	6.1/3.8	6.1/3.8	6.1/3.8
	Energy class(Cooling/Heating)		A++/A	A++/A	A++/A	A++/A	A++/A	A++/A
	Annual energy consumption(Cooling)	kW	222	363	222	222	363	363
	Annual energy consumption(Heating)	kW	1427	1932	1427	1427	1932	1932
INDOOR UNIT								
Performance	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
		Air flow(H/M/L)	m³/h	620/520/450	700/620/500	620/520/450	700/620/500	700/620/500
	Sound power level(H/M/L)	dB(A)		52	55	52	55	55
		Sound pressure level(H/M/L)	dB(A)	36/33/30	42/37/35	36/33/30	42/37/35	42/37/35
		External dimensions(W/D/H)	mm	570/570/260	570/570/260	570/570/260	570/570/260	570/570/260
	Net/Shipping weight	mm	718/680/380	718/680/380	718/680/380	718/680/380	718/680/380	718/680/380
		kg	18.5/22	19/22	18.5/22	19/22	19/22	19/22
Installation	Controller	optional	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
		optional	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Panel Model		PB-700KB	PB-700KB	PB-620KB	PB-620KB	PB-620KB	PB-620KB
		External dimensions(W/D/H)	mm	700/700/60	700/700/60	620/620/60	620/620/60	620/620/60
		mm	740/750/115	740/750/115	660/660/115	660/660/115	660/660/115	660/660/115
	Net/Shipping weight	kg	2.8/4.8	2.8/4.8	2.8/4.5	2.8/4.5	2.8/4.5	2.8/4.5
OUTDOOR UNIT								
Performance	Elec. parameters	Power supply	Ph/V/Hz	1/220-240/50	1/230/50	1/220-240/50	1/230/50	1/230/50
		Air flow (H)	m³/h	2000	2500	2000	2500	2500
	Sound power level	dB(A)		61	63	61	63	63
		Sound pressure level	dB(A)	48	51	48	51	51
		External dimensions(W/D/H)	mm	800/275/553	820/338/614	800/275/553	820/338/614	820/338/614
	Net/Shipping weight	mm	908/405/625	993/413/685	908/405/625	993/413/685	993/413/685	993/413/685
		kg	30/32.9	37.8/41.5	30/32.9	30/32.9	37.8/41.5	37.8/41.5
Installation	Compressor type		Rotary	Twin rotary	Rotary	Rotary	Twin rotary	Twin rotary
			R32	R32	R32	R32	R32	R32
		GWP	675	675	675	675	675	675
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35	6.35
		mm	9.52	12.7	9.52	9.52	12.7	12.7
		Max pipe length	m	15	25	15	25	25
		Max drop between I.U.&O.U.	m	10	15	10	15	15
	Refrigerant load in factory	kg	0.78	0.95	0.78	0.78	0.95	0.95
		m	7	7	7	7	7	7
		g/m	20	20	20	20	20	20
Working temp.	Cooling(Min-Max)	°C	-10-46	-10-46	-10-46	-10-46	-10-46	-10-46
	Heating(Min-Max)	°C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24

\* Data is pending.

# Round-way Cassette



7.1 / 10.0 / 12.5kW



Round way air supply



Move eye intelligent system



Convenient clip



Undoing only one screw  
for wiring



MODEL			Indoor unit	AB71S2SG1FA	ABH105H1ERG	ABH105H1ERG	ABH125K1ERG	ABH125K1ERG
	Outoor unit	1U71S2SR2FA		1U105S2SS2FA	1U105S2SS1FB	1U125S2SN2FA	1U125S2SN2FB	
Nominal performance data	Capacity	Cooling	Btu/h (nor)	24300	31400	31400	41980	42320
			kW nor(min-max)	7.1(2-7.3)	9.2(2.5-10.0)	9.2(2.5-10.0)	12.3(3.0-13.0)	12.4(3.0-13.0)
	Heating	Btu/h (nor)		27300	34500	35800	43340	43680
			kW nor(min-max)	8.0(2.5-8)	10.1(3.0-10.5)	10.5(3.0-11)	12.7(3.5-13.5)	12.8(3.5-13.5)
	Rated power input	Cooling	kW nom(min-max)	2.20(0.5-2.6)	3.12(0.5-4.0)	3.12(0.5-4.0)	4.84(1.0-6.0)	4.81(1.0-6.0)
		Heating	kW nom(min-max)	2.15(0.5-2.6)	2.91(0.5-4.0)	3.0(0.5-4.0)	4.44(1.0-6.0)	4.41(1.0-6.0)
	EER/COP			3.23/3.72	3/3.5	3/3.5	2.54/2.86	2.58/2.93
	Cooling P design(35°C)		kW	7.1	9.2	9.2	12.3	12.4
	Heating P design(-10°C)		kW	5	7	6	8.3	8.3
	SEER/SCOP			6.1/3.8	5.9/3.8	5.9/3.91	5.68/3.93	5.71/3.96
	Energy class(Cooling/Heating)			A++/A	A+/A	/	/	/
	Annual energy consumption(Cooling)		kW	406	555	555	740	736
	Annual energy consumption(Heating)		kW	1831	2780	2136	3032	3003
<b>INDOOR UNIT</b>								
Elec. 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
	Air flow(H/M/L)	m³/h	1260/1070/820		1680/1530/1320	1680/1530/1320	1950/1600/1440	1950/1600/1440
Performance	Sound power level(H/M/L)	dB(A)	55		62	63	64	64
	Sound pressure level(H/M/L)	dB(A)	42/40/38		45/42/38	45/42/38	47/44/38	47/44/38
Installation	External dimensions(W/D/H)	mm	840/840/204		840/840/246	840/840/246	840/840/288	840/840/288
	Shipping dimensions(W/D/H)	mm	990/990/310		990/990/330	990/990/330	990/990/380	990/990/380
Panel	Net/Shipping weight	kg	27/32		31/36	31/36	32/38	32/38
	Controller	optional	YR-HQS01		YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
	optional	YR-E17A		YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Panel Model		PB-950KB(standard panel)		PB-950KB(standard panel)	PB-950KB(standard panel)	PB-950KB(standard panel)	PB-950KB(standard panel)
	External dimensions(W/D/H)	mm	950/950/50		950/950/50	950/950/50	950/950/50	950/950/50
	Shipping dimensions(W/D/H)	mm	1013/1025/123		1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123
	Net/Shipping weight	kg	6.5/9.5		6.5/9.5	6.5/9.5	6.5/9.5	6.5/9.5
<b>OUTDOOR UNIT</b>								
Elec. parameters	Power supply	Ph/V/Hz	1/220-240/50/60		1/220-240/50/60	3/380-415/50/60	1/220-240/50/60	3/380-415/50/60
	Air flow (H)	m³/h	3000		3500	3500	4200	4200
Performance	Sound power level	dB(A)	67		66	68	72	72
	Sound pressure level	dB(A)	54		53	54	58	58
Installation	External dimensions(W/D/H)	mm	890/353/697		920/372/760	920/372/760	950/370/965	950/370/965
	Shipping dimensions(W/D/H)	mm	1046/460/780		1036/478/820	1085/485/830	1050/485/1130	1050/485/1130
	Net/Shipping weight	kg	45/50		60/65	61/66	84/89	85/90
	Compressor type		Twin rotary		Twin rotary	Twin rotary	Twin rotary	Twin rotary
	Refrigerant type		R32		R32	R32	R32	R32
	GWP		675		675	675	675	675
	Refrigerant liquid pipe	mm	9.52		9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	15.88		15.88	15.88	15.88	15.88
	Max pipe length	m	50		50	50	50	50
	Max drop between I.U.&O.U	m	30		30	30	30	30
	Refrigerant load in factory	kg	1.5		1.7	1.7	2.3	2.3
	Maximum pipe length without charge refrigerant	m	10		30	30	30	30
	Refrigerant charge quantity for extra length	g/m	45		45	45	45	45
	Cooling(Min-Max)	°C	-10-46		-10-46	-10-46	-10-46	-10-46
	Heating(Min-Max)	°C	-15-24		-15-24	-15-24	-15-24	-15-24

\* Data is pending.

# Round-way Cassette



14.0 / 16.0kW



Round way air supply



Move eye intelligent system



Convenient clip



Undoing only one screw  
for wiring

MODEL			Indoor unit	ABH140K1ERG	ABH140K1ERG	ABH140K1ERG	ABH140K1ERG	ABH160K1ERG
	Outoor unit	1U140S2SN1FA		1U140S2SN1FB	1U140S2SP2FA	1U140S2SP2FB	1U160S2SP1FB	
Nominal performance data	Capacity	Cooling	Btu/h (nor)	45700	45700	46410	46410	51200
			kW nor(min-max)	13.4(3.5~14.0)	13.4(3.5~14.0)	13.6(4.0~15.0)	13.6(4.0~15.0)	15(4.5~16.0)
	Heating		Btu/h (nor)	51200	51200	51200	51200	54600
			kW nor(min-max)	15.0(4.0~15.5)	15.0(4.0~15.5)	15.0(4.5~16.0)	15.0(4.5~16.0)	16(5.0~17.0)
	Rated power input	Cooling	kW nom(min-max)	5.51(1.0~6.5)	5.28(1.0~6.5)	4.86(1.0~6.0)	4.98(1.0~6.0)	5.03(1.0~6.5)
		Heating	kW nom(min-max)	5.77(1.0~6.5)	5.70(1.0~6.5)	4.75(1.0~6.0)	4.67(1.0~6.0)	5.26(1.0~6.5)
	EER/COP			2.43/2.6	2.54/2.63	2.8/3.1	2.73/3.06	2.98/3.04
	Cooling P design(35°C)		kW	13.4	13.4	13.6	13.6	15
	Heating P design(-10°C)		kW	8.5	8.5	10	10	11
	SEER/SCOP			5.6/3.93	5.62/3.96	5.7/3.94	5.7/3.99	5.96/3.99
	Energy class(Cooling/Heating)			/	/	/	/	/
	Annual energy consumption(Cooling)		kW	838	834	800	782	880
	Annual energy consumption(Heating)		kW	3032	3003	3768	3748	3859
<b>INDOOR UNIT</b>								
Elec. 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
	Air flow(H/M/L)	m³/h	1950/1600/1440		1950/1600/1440	1950/1600/1440	1950/1600/1440	2050/1600/1440
Performance	Sound power level(H/M/L)	dB(A)	64		64	64	64	65
	Sound pressure level(H/M/L)	dB(A)	47/44/38		47/44/38	47/44/38	47/44/38	48/44/38
Installation	External dimensions(W/D/H)	mm	840/840/288		840/840/288	840/840/288	840/840/288	840/840/288
	Shipping dimensions(W/D/H)	mm	990/990/380		990/990/380	990/990/380	990/990/380	990/990/380
Panel	Net/Shipping weight	kg	32/38		32/38	32/38	32/38	32/38
	Controller	optional	YR-HQS01		YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
	optional	YR-E17A		YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
Panel	Panel Model		PB-950KB(standard panel)		PB-950KB(standard panel)	PB-950KB(standard panel)	PB-950KB(standard panel)	PB-950KB(standard panel)
	External dimensions(W/D/H)	mm	950/950/50		950/950/50	950/950/50	950/950/50	950/950/50
	Shipping dimensions(W/D/H)	mm	1013/1025/123		1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123
	Net/Shipping weight	kg	6.5/9.5		6.5/9.5	6.5/9.5	6.5/9.5	6.5/9.5
<b>OUTDOOR UNIT</b>								
Elec. parameters	Power supply	Ph/V/Hz	1/220~240/50/60		3/380~415/50/60	1/220~240/50/60	3/380~415/50/60	3/380~415/50/60
	Air flow (H)	m³/h	4200		4200	7000	7400	7400
Performance	Sound power level	dB(A)	72		72	70	70	72
	Sound pressure level	dB(A)	58		58	53	53	58
Installation	External dimensions(W/D/H)	mm	950/370/965		950/370/965	950/370/1350	950/370/1350	950/370/1350
	Shipping dimensions(W/D/H)	mm	1050/485/1130		1050/485/1130	1050/485/1500	1050/485/1500	1050/485/1500
Working temp.	Net/Shipping weight	kg	84/89		85/90	105/118	101/116	101/116
	Compressor type		Twin rotary		Twin rotary	Twin rotary	Twin rotary	Twin rotary
	Refrigerant type		R32		R32	R32	R32	R32
	GWP		675		675	675	675	675
	Refrigerant liquid pipe	mm	9.52		9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	15.88		15.88	15.88	15.88	19.05
	Max pipe length	m	50		50	70	70	70
	Max drop between I.U.&O.U	m	30		30	30	30	30
	Refrigerant load in factory	kg	2.5		2.5	2.9	3.5	3.5
	Maximum pipe length without charge refrigerant	m	30		30	30	30	30
	Refrigerant charge quantity for extra length	g/m	45		45	45	45	45
	Cooling(Min-Max)	°C	-10~46		-10~46	-10~46	-10~46	-10~46
	Heating(Min-Max)	°C	-15~24		-15~24	-15~24	-15~24	-15~24



\* Data is pending.

# Slim Low ESP Duct



3.5 / 5.0 / 7.1kW



New design 3D airflow air grille



Super slim design,  
only 185mm



Return air-intake choices Left or right drain outlet



R32 SUPERMATCH PLUS SINGLE SPLIT(HEAT PUMP)

MODEL	Standard Indoor unit(drain pump included)			AD35S2SS1FA	AD35S2SS1FA(H)	AD50S2SS1FA	AD50S2SS1FA(H)	AD71S2SS1FA	AD71S2SS1FA(H)
	Optional Indoor unit(drain pump excluded)			AD35S2SS2FA	1U35S2SM1FA-2	AD50S2SS2FA	1U50S2SJ2FA	AD71S2SS2FA	1U71S2SR2FA
	Outdoor unit			1U35S2SM1FA-2	1U50S2SJ2FA	1U50S2SJ2FA	1U71S2SR2FA	1U71S2SR2FA	1U71S2SR2FA
Nominal performance data	Capacity	Cooling	Btu/h (nominal) kW nominal(min-max)	12000 3.50(0.9-4.5)	12000 3.50(0.9-4.5)	17000 5.0(1.8-6)	17000 5.0(1.8-6)	24000 7.1(2-7.6)	24000 7.1(2-7.6)
		Heating	Btu/h (nominal) kW nominal(min-max)	13700 4.00(1-4.8)	13700 4.00(1-4.8)	18800 5.5(2-6.2)	18800 5.5(2-6.2)	24200 7.5(3-8.3)	24200 7.5(3-8.3)
	Rated power input	Cooling	kW nom(min-max)	1.06(0.28-1.8)	1.06(0.28-1.8)	1.53(0.55-2.1)	1.53(0.55-2.1)	2.20(0.5-3.0)	2.20(0.5-3.0)
		Heating	kW nom(min-max)	1.07(0.28-1.8)	1.07(0.28-1.8)	1.47(0.6-2.1)	1.47(0.6-2.1)	2.01(0.6-2.9)	2.01(0.6-2.9)
	EER/COP			3.3/3.73	3.3/3.73	3.26/3.73	3.26/3.73	3.24/3.73	3.24/3.73
	Cooling P design(35°C)	kW		3.5	3.5	5	5	7.1	7.1
Seasonal performance data	Heating P design(-10°C)	kW		3	3	4.3	4.3	5	5
	SEER/SCOP			6.1/3.8	6.1/3.8	6.1/3.8	6.1/3.8	6.1/3.8	6.1/3.8
	Energy class(Cooling/Heating)			A++/A	A++/A	A++/A	A++/A	A++/A	A++/A
	Annual energy consumption(Cooling)	kW		241	241	315	315	406	406
	Annual energy consumption(Heating)	kW		1427	1427	1961	1961	1836	1836
	<b>INDOOR UNIT</b>								
Performance	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
	Air flow(H/M/L)	m³/h		600/480/420	600/480/420	900/750/600	900/750/600	1000/850/750	1000/850/750
	External static pressure	Pa		0/10/20/40	0/10/20/40	0/10/20/40	0/10/20/40	0/10/20/40	0/10/20/40
	Sound power level(H/M/L)	dB(A)		53	53	54	54	57	57
	Sound pressure level(H/M/L)	dB(A)		33/28/25	33/28/25	36/34/32	36/34/32	49/46/44	49/46/44
	External dimensions(W/D/H)	mm		850/420/185	850/420/185	1170/420/185	1170/420/185	1170/420/185	1170/420/185
Installation	Shipping dimensions(W/D/H)	mm		1045/530/260	1045/530/260	1365/530/260	1365/530/260	1365/530/260	1365/530/260
	Net/Shipping weight	kg		16/21	16/21	22/28	22/28	25.2/28.4	25.2/28.4
	Controller	optional		YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Panel Model			P1B-890A/D	P1B-890A/D	P1B-1210A/D	P1B-1210A/D	P1B-1210A/D	P1B-1210A/D
	External dimensions(W/D/H)	mm		890/190/100(outlet panel)/ 890/290.5/32.4(inlet panel)	890/190/100(outlet panel)/ 890/290.5/32.4(inlet panel)	1210/190/100(outlet panel)/ 1210/290.5/32.4(inlet panel)	1210/190/100(outlet panel)/ 1210/290.5/32.4(inlet panel)	1210/190/100(outlet panel)/ 1210/290.5/32.4(inlet panel)	1210/190/100(outlet panel)/ 1210/290.5/32.4(inlet panel)
	Shipping dimensions(W/D/H)	mm		938/335/220	938/335/220	1258/335/220	1258/335/220	1258/335/220	1258/335/220
Panel	Net/Shipping weight	kg		4/5	4/5	5/6	5/6	5/6	5/6
	<b>OUTDOOR UNIT</b>								
	Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50	1/220-240/50	1/230/50	1/230/50	1/220-240/50/60	1/220-240/50/60
	Air flow (H)	m³/h		2000	2000	2500	2500	3000	3000
	Sound power level	dB(A)		61	61	63	63	67	67
	Sound pressure level	dB(A)		48	48	51	51	54	54
Installation	External dimensions(W/D/H)	mm		800/275/553	800/275/553	820/338/614	820/338/614	890/353/697	890/353/697
	Shipping dimensions(W/D/H)	mm		908/405/625	908/405/625	993/413/685	993/413/685	1046/460/780	1046/460/780
	Net/Shipping weight	kg		30/32.9	30/32.9	37.8/41.5	37.8/41.5	45/50	45/50
	Compressor type			Rotary	Rotary	Twin rotary	Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R32	R32	R32	R32	R32	R32
	GWP			675	675	675	675	675	675
Working temp.	Refrigerant liquid pipe	mm		6.35	6.35	6.35	6.35	9.52	9.52
	Refrigerant gas pipe	mm		9.52	9.52	12.7	12.7	15.88	15.88
	Max pipe length	m		15	15	25	25	50	50
	Max drop between I.U.&O.U	m		10	10	15	15	30	30
	Refrigerant load in factory	kg		0.78	0.78	0.95	0.95	1.3	1.3
	Maximum pipe length without charge refrigerant	m		7	7	7	7	10	10
	Refrigerant charge quantity for extra length	g/m		20	20	20	20	45	45
	Cooling(Min-Max)	°C		-10-46	-10-46	-10-46	-10-46	-10-46	-10-46
	Heating(Min-Max)	°C		-15-24	-15-24	-15-24	-15-24	-15-24	-15-24

\* Data is pending;

# Medium ESP Duct (DC)



3.5 / 5.0 / 7.1 kW



248mm slim design

Airzone control

10



10 steps pressure adjusted to  
suit different ductwork length

Built-in high head  
drain pump maxi. 1000mm



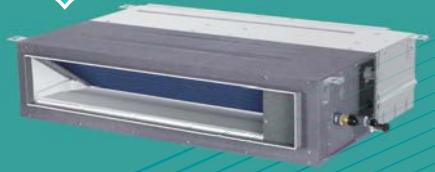
MODEL	Standard Indoor unit(drain pump included)			AD35S2SM3FA	AD35S2SM3FA(H)	AD50S2SM3FA	AD50S2SM3FA(H)	AD71S2SM3FA	AD71S2SM3FA(H)
	Outoor unit		1U35S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA	1U50S2SJ2FA	1U71S2SR2FA	1U71S2SR2FA	
Nominal performance data	Capacity	Cooling Btu/h (nominal)	12000	12000	17000	17000	24200	24200	
		kW nominal(min-max)	3.50(0.9-4.5)	3.50(0.9-4.5)	5.0(1.8-6)	5.0(1.8-6)	7.1(2.0-8.2)	7.1(2.0-8.2)	
	Heating	Btu/h (nominal)	13700	13700	18800	18800	27300	27300	
		kW nominal(min-max)	4.00(1-4.8)	4.00(1-4.8)	6.0(2-6.2)	6.0(2-6.2)	7.5(2.5-8.5)	7.5(2.5-8.5)	
Seasonal performance data	Rated power input	Cooling kW nom(min-max)	1.08(0.28-1.8)	1.08(0.28-1.8)	1.55(0.55-2.0)	1.55(0.55-2.0)	2.20(0.5-3.0)	2.20(0.5-3.0)	
		Heating kW nom(min-max)	1.08(0.28-1.8)	1.08(0.28-1.8)	1.62(0.6-2.0)	1.62(0.6-2.0)	2.02(0.6-3.0)	2.02(0.6-3.0)	
	EER/COP		3.23/3.71	3.23/3.71	3.23/3.71	3.23/3.71	3.23/3.71	3.23/3.71	
		Cooling P design(35°C) kW	3.5	3.5	5	5	7.1	7.1	
INDOOR UNIT	Performance	Heating P design(-10°C) kW	2.7	2.7	4.5	4.5	5	5	
		SEER/SCOP	6.1/3.8	6.1/3.8	6.1/3.8	6.1/3.8	6.1/3.8	6.1/3.8	
	Energy class(Cooling/Heating)	A++/A	A++/A	A++/A	A++/A	A++/A	A++/A	A++/A	
		Annual energy consumption(Cooling) kW	215	215	291	291	406	406	
	Installation	Annual energy consumption(Heating) kW	1020	1020	1782	1782	1827	1827	
		External static pressure Pa	25(default)/37/50/70/90/100/110/120/130/150	25(default)/37/50/70/90/100/110/120/130/150	25(default)/37/50/70/90/100/110/120/130/150	25(default)/37/50/70/90/100/110/120/130/150	25(default)/37/50/70/90/100/110/120/130/150	25(default)/37/50/70/90/100/110/120/130/150	
OUTDOOR UNIT	Performance	Sound power level(H/M/L) dB(A)	55	55	56	56	58	58	
		Sound pressure level(H/M/L) dB(A)	41/35/28	41/35/28	43/37/30	43/37/30	44/41/39	44/41/39	
	Installation	External dimensions(W/D/H) mm	700/700/248	700/700/248	1100/700/248	1100/700/248	1100/700/248	1100/700/248	
		Shipping dimensions(W/D/H) mm	914/866/318	914/866/318	1316/866/318	1316/866/318	1316/866/318	1316/866/318	
Electrical Parameters	Net/Shipping weight kg	26/30	26/30	31/35	31/35	31/35	31/35	31/35	
		Controller optional	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	
	Controller optional	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	
Performance	Power supply Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/230/50	1/230/50	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	
		Air flow(H) m³/h	840/720/600	840/720/600	1020/900/780	1020/900/780	1440/1260/1100	1440/1260/1100	
	Sound power level dB(A)	61	61	63	63	67	67	67	
		Sound pressure level dB(A)	48	48	51	51	54	54	
Installation	External dimensions(W/D/H) mm	800/275/553	800/275/553	820/338/614	820/338/614	890/353/697	890/353/697	890/353/697	
		Shipping dimensions(W/D/H) mm	908/405/625	908/405/625	993/413/685	993/413/685	1046/460/780	1046/460/780	
	Net/Shipping weight kg	30/32.9	30/32.9	37.8/41.5	37.8/41.5	45/50	45/50	45/50	
		Compressor type Rotary	R32	R32	Twin rotary	Twin rotary	Twin rotary	Twin rotary	
Working temp.	Refrigerant type	GWP 675	675	675	675	675	675	675	
		Refrigerant liquid pipe mm	6.35	6.35	6.35	6.35	9.52	9.52	
	Refrigerant gas pipe mm	9.52	9.52	12.7	12.7	12.7	15.88	15.88	
		Max pipe length m	15	15	25	25	50	50	
	Max drop between I.U.&O.U m	10	10	15	15	15	30	30	
		Refrigerant load in factory kg	0.78	0.78	0.95	0.95	1.3	1.3	
	Maximum pipe length without charge refrigerant m	7	7	7	7	7	10	10	
		Refrigerant charge quantity for extra length g/m	20	20	20	20	45	45	
	Cooling(Min-Max) °C	-10-46	-10-46	-10-46	-10-46	-10-46	-10-46	-10-46	
		Heating(Min-Max) °C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24	

\* Data is pending:

10 steps pressure adjusted to  
suit different ductwork length

Built-in high head  
drain pump maxi. 1000mm

# Medium ESP Duct (DC)



10.5kW



248mm slim design



Airzone control

10



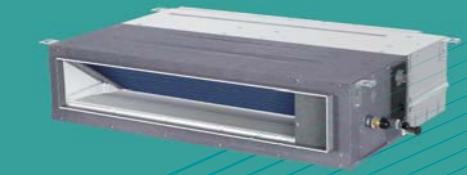
10 steps pressure adjusted to  
suit different ductwork length      Built-in high head  
drain pump maxi. 1000mm



MODEL	Standard Indoor unit(drain pump included)			AD105S2SM3FA	AD105S2SM3FA(H)	AD105S2SM3FA	AD105S2SM3FA(H)
	Outdoor unit			1U105S2SS2FA	1U105S2SS2FA	1U105S2SS1FB	1U105S2SS1FB
Nominal performance data	Capacity	Cooling	Btu/h (nominal)	32400	32400	32400	32400
			kW nominal(min-max)	9.5(2.5-10.0)	9.5(2.5-10.0)	9.5(2.5-10.0)	9.5(2.5-10.0)
	Heating	Cooling	Btu/h (nominal)	34800	34800	35800	35800
			kW nominal(min-max)	10.2(3.0-10.5)	10.2(3.0-10.5)	10.5(3.0-11)	10.5(3.0-11)
Seasonal performance data	Rated power input	Cooling	kW nom(min-max)	3.16(0.5-4.0)	3.16(0.5-4.0)	3.27(0.5-4.0)	3.27(0.5-4.0)
		Heating	kW nom(min-max)	2.91(0.5-4.0)	2.91(0.5-4.0)	3.0(0.5-4.0)	3.0(0.5-4.0)
	EER/COP			3.01/3.5	3.01/3.5	2.9/3.5	2.9/3.5
		Cooling P design(35°C)	kW	9.5	9.5	9.5	9.5
INDOOR UNIT	Performance	Heating P design(-10°C)	kW	7.2	7.2	6	6
		SEER/SCOP		6.1/3.8	6.1/3.8	6.0/3.91	6.0/3.91
	Installation	Energy class(Cooling/Heating)		A++/A	A++/A	A+/A	A+/A
		Annual energy consumption(Cooling)	kW	544	544	569	569
	OUTDOOR UNIT	Annual energy consumption(Heating)	kW	2792	2792	2094	2094
		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
Performance	External static pressure	Air flow(H/M/L)	m³/h	1600/1480/1360	1600/1480/1360	1600/1480/1360	1600/1480/1360
		Pa		25/37(default)/50/70/90/ 100/110/120/130/150	25/37(default)/50/70/90/ 100/110/120/130/150	25/37(default)/50/70/90/ 100/110/120/130/150	25/37(default)/50/70/90/ 100/110/120/130/150
	Sound power level(H/M/L)	dB(A)		61	61	64	64
		Sound pressure level(H/M/L)	dB(A)	47/44/41	47/44/41	47/44/41	47/44/41
Installation	External dimensions(W/D/H)	mm		1500/700/248	1500/700/248	1500/700/248	1500/700/248
		Shipping dimensions(W/D/H)	mm	1711/870/325	1711/870/325	1711/870/325	1711/870/325
	Net/Shipping weight	kg		46/55	46/55	46/55	46/55
		Controller	optional	YR-E17A	YR-E17A	YR-E17A	YR-E17A
Working temp.	Electrical Parameters	YR-HQS01		YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
		Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	3/380-415/50/60	3/380-415/50/60
	Performance	Air flow (H)	m³/h	3500	3500	3500	3500
		Sound power level	dB(A)	66	66	68	68
	Installation	Sound pressure level	dB(A)	53	53	54	54
		External dimensions(W/D/H)	mm	920/372/760	920/372/760	920/372/760	920/372/760
	External dimensions(W/D/H)	Shipping dimensions(W/D/H)	mm	1036/478/820	1036/478/820	1085/485/830	1085/485/830
		Net/Shipping weight	kg	60/65	60/65	61/66	61/66
	Compressor type	Twin rotary		Twin rotary	Twin rotary	Twin rotary	Twin rotary
		Refrigerant type		R32	R32	R32	R32
	Refrigerant liquid pipe	GWP		675	675	675	675
		mm		9.52	9.52	9.52	9.52
	Refrigerant gas pipe	Refrigerant liquid pipe	mm	15.88	15.88	15.88	15.88
		Max pipe length	m	50	50	50	50
	Refrigerant load in factory	Max drop between I.U.&O.U	m	30	30	30	30
		kg		1.7	1.7	1.7	1.7
	Refrigerant charge quantity for extra length	Maximum pipe length without charge refrigerant	m	30	30	30	30
		g/m		45	45	45	45
	Working temp.	Cooling(Min-Max)	°C	-10-46	-10-46	-10-46	-10-46
		Heating(Min-Max)	°C	-15-24	-15-24	-15-24	-15-24

\* Data is pending:

# Medium ESP Duct (DC)



12.5kW



248mm slim design



Airzone control

**10**



10 steps pressure adjusted to suit different ductwork length

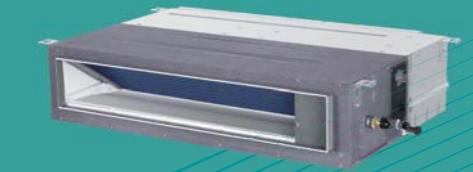
Built-in high head drain pump maxi. 1000mm



MODEL	Standard Indoor unit(drain pump included)			AD125S2SM3FA	AD125S2SM3FA	AD125S2SM8FA	AD125S2SM8FA
	Outoor unit		1U125S2SN2FA	1U125S2SN2FB	1U125S2SN2FA	1U125S2SN2FB	1U125S2SN2FB
Nominal performance data	Capacity	Cooling Btu/h (nominal)	41980	42320	41980	42320	42320
		kW nominal(min-max)	12.3(3.0-13.0)	12.4(3.0-13.0)	12.3(3.0-13.0)	12.4(3.0-13.0)	12.4(3.0-13.0)
	Heating Btu/h (nominal)	43340	43680	43340	43680	43680	43680
		kW nominal(min-max)	12.7(3.5-13.5)	12.8(3.5-13.5)	12.7(3.5-13.5)	12.8(3.5-13.5)	12.8(3.5-13.5)
	Rated power input	Cooling kW nom(min-max)	4.6(1.0-6.0)	4.51(1.0-6.0)	4.6(1.0-6.0)	4.51(1.0-6.0)	4.51(1.0-6.0)
		Heating kW nom(min-max)	3.93(1.0-6.0)	3.87(1.0-6.0)	3.93(1.0-6.0)	3.87(1.0-6.0)	3.87(1.0-6.0)
Seasonal performance data	EER/COP		2.67/3.23	2.75/3.31	2.67/3.23	2.75/3.31	2.75/3.31
	Cooling P design(35°C) kW	12.3	12.4	12.3	12.4	12.4	12.4
	Heating P design(-10°C) kW	8	8	8	8	8	8
	SEER/SCOP	5.72/3.93	5.85/3.96	5.72/3.93	5.85/3.96	5.72/3.93	5.85/3.96
	Energy class(Cooling/Heating)	/	/	/	/	/	/
	Annual energy consumption(Cooling) kW	735	718	735	718	735	718
INDOOR UNIT	Annual energy consumption(Heating) kW	3032	3003	3032	3003	3032	3003
	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
	Air flow(H/M/L) m³/h			2250/1960/1680	2250/1960/1680	2250/1960/1680	2250/1960/1680
	External static pressure Pa			25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150
	Sound power level(H/M/L) dB(A)			65	65	65	65
	Sound pressure level(H/M/L) dB(A)			48/45/42	48/45/42	48/45/42	48/45/42
Performance	External dimensions(W/D/H) mm			1500/700/248	1500/700/248	1500/700/248	1500/700/248
	Shipping dimensions(W/D/H) mm			1711/870/325	1711/870/325	1711/870/325	1711/870/325
	Net/Shipping weight kg			52/62	52/62	48/57	48/57
	Controller optional			YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Controller optional			YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
	OUTDOOR UNIT						
Performance	Electrical Parameters		Power supply Ph/V/Hz	1/220-240/50/60	3/380-415/50/60	1/220-240/50/60	3/380-415/50/60
	Air flow (H) m³/h			4200	4200	4200	4200
	Sound power level dB(A)			72	72	72	72
	Sound pressure level dB(A)			58	58	58	58
	External dimensions(W/D/H) mm			950/370/965	950/370/965	950/370/965	950/370/965
	Shipping dimensions(W/D/H) mm			1050/485/1130	1050/485/1130	1050/485/1130	1050/485/1130
Installation	Net/Shipping weight kg			84/89	85/90	84/89	85/90
	Compressor type			Twin rotary	Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R32	R32	R32	R32
	GWP			675	675	675	675
	Refrigerant liquid pipe mm			9.52	9.52	9.52	9.52
	Refrigerant gas pipe mm			15.88	15.88	15.88	15.88
Working temp.	Max pipe length m			50	50	50	50
	Max drop between I.U.&O.U m			30	30	30	30
	Refrigerant load in factory kg			2.3	2.3	2.3	2.3
	Maximum pipe length without charge refrigerant m			30	30	30	30
	Refrigerant charge quantity for extra length g/m			45	45	45	45
	Cooling(Min-Max) °C			-10-46	-10-46	-10-46	-10-46
Heating(Min-Max) °C				-15-24	-15-24	-15-24	-15-24

\* Data is pending;

# Medium ESP Duct (DC)



14.0kW



248mm slim design



Airzone control

**10**



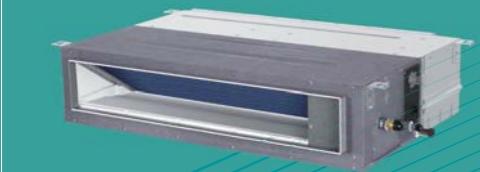
10 steps pressure adjusted to suit different ductwork length  
Built-in high head drain pump max. 1000mm



MODEL	Standard Indoor unit(drain pump included)			AD140S2SM8FA	AD140S2SM8FA	AD140S2SM8FA	AD140S2SM8FA
	Outdoor unit			1U140S2SN1FA	1U140S2SN1FB	1U140S2SP2FA	1U140S2SP2FB
Nominal performance data	Capacity	Cooling	Btu/h (nominal)	45700	45700	45700	45700
			kW nominal(min-max)	13.4(3.5-14.0)	13.4(3.5-14.0)	13.4(4.0-15.0)	13.4(4.0-15.0)
	Heating	Cooling	Btu/h (nominal)	51200	51200	51200	51200
			kW nominal(min-max)	15.0(4.0-15.5)	15.0(4.0-15.5)	15.0(4.5-16.0)	15.0(4.5-16.0)
Seasonal performance data	Rated power input	Cooling	kW nom(min-max)	5.28(1.0-6.5)	5.18(1.0-6.5)	4.17(1.0-6.0)	4.15(1.0-6.0)
		Heating	kW nom(min-max)	4.92(1.0-6.5)	4.79(1.0-6.5)	4.04(1.0-6.0)	4.02(1.0-6.0)
	EER/COP			2.54/3.05	2.59/3.13	3.21/3.71	3.23/3.73
		Cooling P design(35°C)	kW	13.4	13.4	13.4	13.4
INDOOR UNIT	Performance	Heating P design(-10°C)	kW	8.5	8.5	11	11
		SEER/SCOP		5.62/3.93	5.64/3.96	6.16/4.06	6.19/4.06
		Energy class(Cooling/Heating)		A+/A	A+/A	A++/A+	A++/A+
		Annual energy consumption(Cooling)	kW	835	832	761	758
	Installation	Annual energy consumption(Heating)	kW	3032	3003	3796	3798
		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
		Air flow(H/M/L)	m³/h	2500/2160/1780	2500/2160/1780	2500/2160/1780	2500/2160/1780
		External static pressure	Pa	25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150
OUTDOOR UNIT	Performance	Sound power level(H/M/L)	dB(A)	66	66	66	66
		Sound pressure level(H/M/L)	dB(A)	48/45/42	48/45/42	48/45/42	48/45/42
		External dimensions(W/D/H)	mm	1500/700/248	1500/700/248	1500/700/248	1500/700/248
		Shipping dimensions(W/D/H)	mm	1711/870/325	1711/870/325	1711/870/325	1711/870/325
	Installation	Net/Shipping weight	kg	48/57	48/57	48/57	48/57
		Controller	optional	YR-E17A	YR-E17A	YR-E17A	YR-E17A
			optional	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
		Power supply	Ph/V/Hz	1/220-240/50/60	3/380-415/50/60	1/220-240/50/60	3/380-415/50/60
Working temp.	Performance	Air flow (H)	m³/h	4200	4200	7000	7400
		Sound power level	dB(A)	72	72	70	70
		Sound pressure level	dB(A)	58	58	53	53
		External dimensions(W/D/H)	mm	950/370/965	950/370/965	950/370/1350	950/370/1350
	Installation	Shipping dimensions(W/D/H)	mm	1050/485/1130	1050/485/1130	1050/485/1500	1050/485/1500
		Net/Shipping weight	kg	84/89	85/90	105/118	101/116
		Compressor type		Twin rotary	Twin rotary	Twin rotary	Twin rotary
		Refrigerant type		R32	R32	R32	R32
	Working temp.	GWP		675	675	675	675
		Refrigerant liquid pipe	mm	9.52	9.52	9.52	9.52
		Refrigerant gas pipe	mm	15.88	15.88	15.88	15.88
		Max pipe length	m	50	50	70	70
	Working temp.	Max drop between I.U.&O.U	m	30	30	30	30
		Refrigerant load in factory	kg	2.3	2.3	2.9	3.5
		Maximum pipe length without charge refrigerant	m	30	30	30	30
		Refrigerant charge quantity for extra length	g/m	45	45	45	45
	Working temp.	Cooling(Min-Max)	°C	-10-46	-10-46	-10-46	-10-46
		Heating(Min-Max)	°C	-15-24	-15-24	-15-24	-15-24

\* Data is pending:

# Medium ESP Duct (DC)



14.0 / 16.0kW



248mm slim design



Airzone control

**10**



10 steps pressure adjusted to suit different ductwork length

Built-in high head drain pump max. 1000mm



MODEL	Standard Indoor unit(drain pump included)			AD140S2SM3FA	AD140S2SM3FA	AD140S2SM3FA	AD140S2SM3FA
	Outdoor unit			1U140S2SN1FA	1U140S2SN1FB	1U140S2SP2FA	1U140S2SP2FB
Nominal performance data	Capacity	Cooling	Btu/h (nominal)	45700	45700	45700	45700
			kW nominal(min-max)	13.4(3.5-14.0)	13.4(3.5-14.0)	13.4(4.0-15.0)	13.4(4.0-15.0)
	Heating	Cooling	Btu/h (nominal)	51200	51200	51200	51200
			kW nominal(min-max)	15.0(4.0-15.5)	15.0(4.0-15.5)	15.0(4.5-16.0)	15.0(4.5-16.0)
Seasonal performance data	Rated power input	Cooling	kW nom(min-max)	5.28(1.0-6.5)	5.18(1.0-6.5)	4.17(1.0-6.0)	4.15(1.0-6.0)
		Heating	kW nom(min-max)	4.92(1.0-6.5)	4.79(1.0-6.5)	4.04(1.0-6.0)	4.02(1.0-6.0)
	EER/COP			2.54/3.05	2.59/3.13	3.21/3.71	3.23/3.73
		Cooling P design(35°C)	kW	13.4	13.4	13.4	13.4
INDOOR UNIT	Performance	Heating P design(-10°C)	kW	8.5	8.5	11	11
		SEER/SCOP		5.62/3.93	5.64/3.96	6.16/4.06	6.19/4.06
		Energy class(Cooling/Heating)		A+/A	A+/A	A++/A+	A++/A+
		Annual energy consumption(Cooling)	kW	835	832	761	758
	Installation	Annual energy consumption(Heating)	kW	3032	3003	3796	3798
		External static pressure	Pa	25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150
OUTDOOR UNIT	Performance	Sound power level(H/M/L)	dB(A)	66	66	66	66
		Sound pressure level(H/M/L)	dB(A)	48/45/42	48/45/42	48/45/42	48/45/42
		External dimensions(W/D/H)	mm	1500/700/248	1500/700/248	1500/700/248	1500/700/248
		Shipping dimensions(W/D/H)	mm	1711/870/325	1711/870/325	1711/870/325	1711/870/325
	Installation	Net/Shipping weight	kg	52/62	52/62	52/62	52/62
		Controller	optional	YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Installation	External dimensions(W/D/H)	mm	950/370/965	950/370/965	950/370/1350	950/370/1350
		Shipping dimensions(W/D/H)	mm	1050/485/1130	1050/485/1130	1050/485/1500	1050/485/1500
		Net/Shipping weight	kg	84/89	85/90	105/118	101/116
		Compressor type		Twin rotary	Twin rotary	Twin rotary	Twin rotary
		Refrigerant type		R32	R32	R32	R32
		GWP		675	675	675	675
		Refrigerant liquid pipe	mm	9.52	9.52	9.52	9.52
		Refrigerant gas pipe	mm	15.88	15.88	15.88	15.88
		Max pipe length	m	50	50	70	70
		Max drop between I.U.&O.U	m	30	30	30	30
	Working temp.	Refrigerant load in factory	kg	2.3	2.3	2.9	3.5
		Maximum pipe length without charge refrigerant	m	30	30	30	30
		Refrigerant charge quantity for extra length	g/m	45	45	45	45
		Cooling(Min-Max)	°C	-10-46	-10-46	-10-46	-10-46
		Heating(Min-Max)	°C	-15-24	-15-24	-15-24	-15-24

\* Data is pending:

# High ESP Duct



14.0kW



0-300Pa  
◀ 300 ▶



ESP up to 300Pa

Airzone control

ESP grade  
**<10**  
1-10 grade

10 step ESP control



Separable into two parts  
for easy handling

MODEL		Indoor unit	ADH125H1ERG 1U125S2SN2FA	ADH125H1ERG 1U125S2SN2FB	ADH140H1ERG 1U140S2SN1FA	ADH140H1ERG 1U140S2SN1FB	ADH140H1ERG 1U140S2SP2FA	ADH140H1ERG 1U140S2SP2FB
Nominal performance data	Capacity	Cooling	Btu/h (nor) kW nor(min-max)	41980 12.3(3.0-13.0)12.3	42320 12.4(3.0-13.0)	45700 13.4(3.5-14.0)	45700 13.4(3.5-14.0)	46410 13.6(4.0-15.0)
		Heating	Btu/h (nor) kW nor(min-max)	43340 12.7(3.5-13.5)	43680 12.8(3.5-13.5)	51200 15.0(4.0-15.5)	51200 15.0(4.0-15.5)	51200 15.0(4.5-16.0)
	Rated power input	Cooling	kW nom(min-max)	4.47(1.0-6.0)	4.56(1.0-6.0)	4.75(1.0-6.5)	4.59(1.0-6.5)	4.24(1.0-6.0)
		Heating	kW nom(min-max)	3.74(1.0-6.0)	3.73(1.0-6.0)	4.53(1.0-6.5)	4.37(1.0-6.5)	4.04(1.0-6.0)
	EER/COP			2.75/3.4	2.72/3.43	2.82/3.31	2.92/3.43	3.21/3.71
	Cooling P design(35°C)	kW		12.3	12.4	13.4	13.4	13.6
Seasonal performance data	Heating P design(-10°C)	kW		8	8	8.5	8.5	10
	SEER/SCOP			5.8/3.94	5.9/3.97	5.84/3.94	5.98/3.97	6.16/4.07
	Energy class(Cooling/Heating)			A+/A	A+/A	A+/A	A+/A	A++/A+
	Annual energy consumption(Cooling)	kW		713/745	700	803	785	761
	Annual energy consumption(Heating)	kW		3022	2998	3022	2998	3786
								3754
<b>INDOOR UNIT</b>								
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
	Air flow(H/M/L)	m³/h	3250/2750/2250		3250/2750/2250	3600/3100/2600	3600/3100/2600	3600/3100/2600
Performance	External static pressure	Pa	37/50(default)/70/90/110 /130/150/170/190/210		37/50(default)/70/90/110 /130/150/170/190/210	37/50(default)/70/90/110 /130/150/170/190/210	37/50(default)/70/90/110 /130/150/170/190/210	37/50(default)/70/90/110 /130/150/170/190/210
	Sound power level(H/M/L)	dB(A)	64		64	65	65	65
Installation	Sound pressure level(H/M/L)	dB(A)	47/44/42		47/44/42	49/46/43/40	49/46/43/40	49/46/43/40
	External dimensions(W/D/H)	mm	1350/490/425		1350/490/425	1350/490/425	1350/490/425	1350/490/425
	Shipping dimensions(W/D/H)	mm	1565/724/510		1565/724/510	1565/724/510	1565/724/510	1565/724/510
	Net/Shipping weight	kg	61/72		61/72	61/72	61/72	61/72
	Controller	optional	YR-E17A		YR-E17A	YR-E17A	YR-E17A	YR-E17A
		optional	YR-HQS01		YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
<b>OUTDOOR UNIT</b>								
Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60		3/380-415/50/60	1/220-240/50/60	3/380-415/50/60	1/220-240/50/60
	Air flow (H)	m³/h	4200		4200	4200	7000	7400
Performance	Sound power level	dB(A)	72		72	72	70	70
	Sound pressure level	dB(A)	58		58	58	53	53
Installation	External dimensions(W/D/H)	mm	950/370/965		950/370/965	950/370/965	950/370/1350	950/370/1350
	Shipping dimensions(W/D/H)	mm	1050/485/1130		1050/485/1130	1050/485/1130	1050/485/1500	1050/485/1500
	Net/Shipping weight	kg	84/89		85/90	84/89	105/118	101/116
	Compressor type		Twin rotary		Twin rotary	Twin rotary	Twin rotary	Twin rotary
	Refrigerant type		R32		R32	R32	R32	R32
	GWP		675		675	675	675	675
	Refrigerant liquid pipe	mm	9.52		9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	15.88		15.88	15.88	15.88	15.88
	Max pipe length	m	50		50	50	70	70
	Max drop between I.U.&O.U	m	30		30	30	30	30
	Refrigerant load in factory	kg	2.3		2.3	2.3	2.9	3.5
	Maximum pipe length without charge refrigerant	m	30		30	30	30	30
Working temp.	Refrigerant charge quantity for extra length	g/m	45		45	45	45	45
	Cooling(Min-Max)	°C	-10-46		-10-46	-10-46	-10-46	-10-46
	Heating(Min-Max)	°C	-15-24		-15-24	-15-24	-15-24	-15-24

\* Data is pending;



# Cabinet



14.0kW



15m long distance airflow



Wide angle  
160° air supply



High efficiency  
air purify filter



3D airflow



MODEL			Indoor unit	AP140S2SK1FA	AP140S2SN1FB	AP140S2SK1FA(H)	AP140S2SN1FA	AP140S2SK1FA(H)		
			Outdoor unit	1U140S2SN1FA	1U140S2SN1FB	1U140S2SN1FA	1U140S2SN1FB	1U140S2SN1FB		
Nominal performance data	Capacity	Cooling	Btu/h (nor)	45700	45700	45700	45700	45700		
		Heating	kW nor(min-max)	13.4(3.5-14.0)	13.4(3.5-14.0)	13.4(3.5-14.0)	13.4(3.5-14.0)	13.4(3.5-14.0)		
	Rated power input	Cooling	Btu/h (nor)	51200	51200	51200	51200	51200		
		Heating	kW nom(min-max)	15.0(4.0-15.5)	15.0(4.0-15.5)	15.0(4.0-15.5)	15.0(4.0-15.5)	15.0(4.0-15.5)		
	EER/COP	Cooling	kW nom(min-max)	5.83(1.0-6.5)	5.40(1.0-6.5)	5.83(1.0-6.5)	5.40(1.0-6.5)	5.40(1.0-6.5)		
		Heating	kW nom(min-max)	5.45(1.0-6.5)	5.43(1.0-6.5)	5.45(1.0-6.5)	5.43(1.0-6.5)	5.43(1.0-6.5)		
Seasonal performance data			EER/COP	2.30/2.75	2.48/2.76	2.30/2.75	2.48/2.76	2.48/2.76		
	Cooling P design(35°C)		kW	13.4	13.4	13.4	13.4	13.4		
	Heating P design(-10°C)		kW	8.5	8.5	8.5	8.5	8.5		
	SEER/SCOP			5.6/3.93	5.66/3.95	5.6/3.93	5.6/3.93	5.66/3.95		
	Energy class(Cooling/Heating)			A+/A	A+/A	A+/A	A+/A	A+/A		
	Annual energy consumption(Cooling)		kW	837	829	837	829	829		
INDOOR UNIT			Annual energy consumption(Heating)	kW	3018	3012	3018	3012		
Performance	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		
	Air flow(H/M/L)		m³/h	1850/1500/1350	1850/1500/1350	1850/1500/1350	1850/1500/1350	1850/1500/1350		
	External static pressure		Pa	/	/	/	/	/		
	Sound power level(H/M/L)		dB(A)	66	66	66	66	66		
	Sound pressure level(H/M/L)		dB(A)	52/49/46	52/49/46	52/49/46	52/49/46	52/49/46		
	External dimensions(W/D/H)		mm	600/350/1850	600/350/1850	600/350/1850	600/350/1850	600/350/1850		
Installation	Shipping dimensions(W/D/H)		mm	693/438/2035	693/438/2035	693/438/2035	693/438/2035	693/438/2035		
	Net/Shipping weight		kg	61/50	61/50	61/50	61/50	61/50		
	Controller		optional	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01	YR-HRS01		
			optional	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01		
OUTDOOR UNIT										
Performance	Electrical Parameters		Power supply	Ph/V/Hz	1 /220-240/ 50/60	3 /380-415/ 50/60	1 /220-240/ 50/60	3 /380-415/ 50/60		
	Air flow (H)		m³/h	4700	4700	4700	4700	4700		
	Sound power level		dB(A)	72	72	72	72	72		
	Sound pressure level		dB(A)	58	58	58	58	58		
	External dimensions(W/D/H)		mm	950/370/965	950/370/965	950/370/965	950/370/965	950/370/965		
	Shipping dimensions(W/D/H)		mm	1050/485/1130	1050/485/1130	1050/485/1130	1050/485/1130	1050/485/1130		
Installation	Net/Shipping weight		kg	84/89	85/90	84/89	85/90	85/90		
	Compressor type			Twin rotary	Twin rotary	Twin rotary	Twin rotary	Twin rotary		
	Refrigerant type			R32	R32	R32	R32	R32		
	GWP			675	675	675	675	675		
	Refrigerant liquid pipe		mm	9.52	9.52	9.52	9.52	9.52		
	Refrigerant gas pipe		mm	15.88	15.88	15.88	15.88	15.88		
	Max pipe length		m	50	50	50	50	50		
	Max drop between I.U.&O.U		m	30	30	30	30	30		
	Refrigerant load in factory		kg	2.3	2.3	2.3	2.3	2.3		
	Maximum pipe length without charge refrigerant		m	10	10	10	10	10		
	Refrigerant charge quantity for extra length		g/m	45	45	45	45	45		
Working temp.			Cooling(Min-Max)	°C	-10-46	-10-46	-10-46	-10-46		
			Heating(Min-Max)	°C	-15-24	-15-24	-15-24	-15-24		

\* Data is pending:



# R32 SUPER MATCH PLUS MAXI SPLIT

- 061** Models Line-up
- 063** Outdoor Unit
- 065** Maxi Split

# Models Line-up

## R32 Maxi Outdoor Split Line-up

Type kW	KBtu/h				
	36	48	48	60	68
R32 O.U. 1/220/50/60	10	12.5	14	14	16
					
R32 O.U. 3/380/50	1U105S2SS1FB	1U125S2SN2FB	1U140S2SN1FB	1U140S2SP2FB	1U160S2SP1FB

## R32 Maxi Indoor Split Line-up

Type kW	KBtu/h	Optional Controller	12	18	24
			3.5	5	7.1
Compact Cassette (700KB)	YR-E17A				
Round Way Cassette	YR-E17A				
Slim Low ESP Duct Air Guard Series	YR-E17A				
Slim Low ESP Duct Swing Panel					
Medium ESP Duct Air Guard Series	YR-E17A				
Convertible	YR-E17A				

## R32 Maxi Split Match Table ( Twin, Triple, Quadruple Split)

Model	Picture	Capacity (kW)	Indoor Unit Type								
			Cassette			Convertible			Slim Low ESP Duct		
Twin	Triple	Double Twin	Twin	Triple	Double Twin	Double Twin	Twin	Triple	Double Twin		
1U105S2SS2FA		10	2*5	3*3.5		2*5	3*3.5			2*5	3*3.5
1U105S2SS1FB		10	2*5	3*3.5		2*5	3*3.5			2*5	3*3.5
1U125S2SN2FA		12.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	4*3.5	2*7.1	3*5
1U125S2SN2FB		12.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	4*3.5	2*7.1	3*5
1U140S2SN1FA		14	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	4*3.5	2*7.1	3*5
1U140S2SN1FB		14	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	4*3.5	2*7.1	3*5
1U140S2SP2FA Adapter pipe +Branch pipe		14	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	4*3.5	2*7.1	3*5
1U140S2SP2FB Adapter pipe +Branch pipe		14	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	4*3.5	2*7.1	3*5
1U160S2SP1FB Adapter pipe +Branch pipe		16	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	4*3.5	2*7.1	3*5
Branch Pipe			FQG-2Y100A(105) FQG-2Y200A(125/140) +Adapter: 0150713967	FQG-3Y100A(105) FQG-3Y200A(125/140) +Adapter: 0150713967	FQG-3Y200A(125/140) +Adapter: 0150713967	FQG-4Y200A +Adapter: 0150713967	FQG-4Y200A +Adapter: 0150713967	FQG-4Y200A +Adapter: 0150713967	FQG-2Y100A(105) FQG-2Y200A(125/140) +Adapter: 0150713967	FQG-3Y200A(125/140) +Adapter: 0150713967	FQG-4Y200A +Adapter: 0150713967

\*After Jan. 1st, 2020 mass production, R32 1U105S2S1FA Maxi function is available with three 3.5kW Indoor units. (3\*3.5)

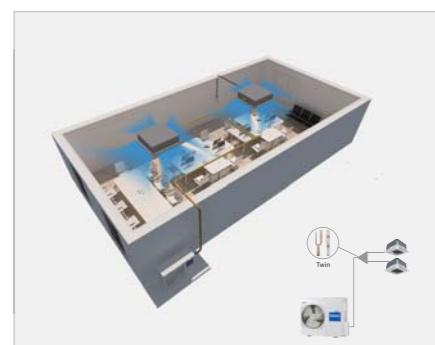


## Energy Saving

### Various Solution

What is maxi split ?

The maxi split is that outdoor unit connect with 2/3/4 same model indoor units to realize comfortable air flow with all indoor units turning on or off all in the same time.



## Smart

### Easy Controls

User can choose different control way according to their needs, Maxi split can provide wired control, WiFi control, group control, central control, BMS control.

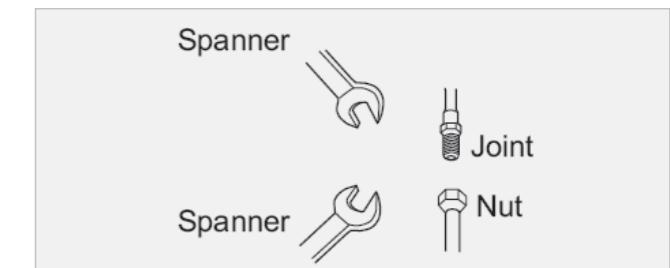


## Convenient

### Easy Pipe Connection

Maxi split pipe connection takes flared way, not the traditional welding way, easier for installation work.

Add adapter pipe(14kW): special NO.0150708966.



### No Need to Set Address

No matter indoor units are 2 / 3 / 4 pieces in the system, installer don't need to set address in indoor units, master indoor unit will be programmed automatically, all other indoor units automatic become slave indoor units.



# Maxi Split

## R32 Maxi Split Outdoor Specification

Model		1U10S2SS2FA*	1U12S2SN2FA*	1U12S2SN2FB*	1U140S2SN1FA*	1U140S2SN1FB*	1U140S2SP2FA*	1U140S2SP2FB*	1U160S2SP1FB*
External dimensions(W/D/H)	mm	920/372/760	965/950/370	965/950/370	965/950/370	965/950/370	1350/950/370	1350/950/370	1350/950/370
Shipping dimensions(W/D/H)	mm	1036/478/820	1095/1050/450	1095/1050/450	1095/1050/450	1095/1050/450	1500/1090/480	1500/1090/480	1500/1090/480
Net/Shipping weight	kg	65/70	82/94	83/95	82/94	83/95	105/118	108/121	108/121
Sound power level	dB(A)	66	68	68	68	68	70	70	70
Sound pressure level	dB(A)	53	52	52	52	53	53	53	53
Cooling(Min~Max)	°C	-10~46	-10~46	-10~46	-10~46	-10~46	-10~50	-10~50	-10~50
Heating(Min~Max)	°C	-15~24	-15~24	-15~24	-15~24	-15~24	-20~24	-20~24	-20~24
Max pipe length	m	50	50	50	50	50	75	75	75
Max drop between I.U.&O.U	m	30	30	30	30	30	30	30	30
Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	3N/380-415V/50/60	1/220-240/50/60	3N/380-415V/50/60	1/220-240/50/60	3/380-415/50/60	3/380-415/50/60

\* Data is pending;

## R32 Maxi Split Indoor Specification——Compact Cassette

Model		AB35S2SC1FA*	AB50S2SC1FA*	AB71S2SG1FA*	AB35S2SC2FA*	AB50S2SC2FA*
External dimensions(W/D/H)	mm	570/570/260	570/570/260	840/840/204	570/570/260	570/570/260
Shipping dimensions(W/D/H)	mm	718/680/380	718/680/380	990/990/310	718/680/380	718/680/380
Net/Shipping weight	Kg	18.5/22	19/22	27/32	18.5/22	19/22
Sound power level	dB(A)	52	55	55	52	55
Sound pressure level	dB(A)	36/33/30	42/37/35	36/33/29/26	36/33/30	42/37/35
Air flow(H/M/L)	m³/h	620/520/450	700/620/500	1260/1070/820/680	620/520/450	700/620/500
Refrigerant liquid pipe	mm	6.35	6.35	9.52	6.35	6.35
Refrigerant gas pipe	mm	9.52	12.7	15.88	9.52	12.7
Panel Model		PB-700KB	PB-700KB	PB-950KB(standard panel)/PB-950MB(sensor panel)	PB-620KB	PB-620KB

\* Data is pending;

## R32 Maxi Split Indoor Specification——Convertible

Model		AC35S2SG1FA*	AC50S2SG1FA*	AC71S2SG1FA*
External dimensions(W/D/H)	mm	1000/230/680	1000/230/680	1000/230/680
Shipping dimensions(W/D/H)	mm	1100/305/779	1100/305/779	1100/305/779
Net/Shipping weight	Kg	26/28	26/28	26/28
Sound power level	dB(A)	53	57	62
Sound pressure level	dB(A)	39/36/33	44/41/38	41/38/36/33
Air flow(H/M/L)	m³/h	650	800	1250/1128/930/840
Refrigerant liquid pipe	mm	6.35	6.35	9.52
Refrigerant gas pipe	mm	9.52	12.7	15.88

\* Data is pending;

## R32 Maxi Split Indoor Specification——Slim ESP Duct

Model		AD35S2SS1FA*	AD50S2SS1FA*	AD71S2SS1FA*
External dimensions(W/D/H)	mm	850/420/185	1170/420/185	1170/420/185
Shipping dimensions(W/D/H)	mm	1025/525/260	1365/540/270	1365/540/270
Net/Shipping weight	Kg	16/21	22/28	24/30
ESP	Pa	0/10/20/40	0/10/20/40	0/10/20/40
Sound power level	dB(A)	53	54	57
Sound pressure level	dB(A)	33/28/25	36/34/32	38/35/33
Air flow(H/M/L)	m³/h	600/480/420	900/750/600	1000/850/750
Refrigerant liquid pipe	mm	6.35	6.35	9.52
Refrigerant gas pipe	mm	9.52	12.7	15.88

\* Data is pending;

## R32 Maxi Split Indoor Specification——Medium ESP Duct

Model		AD35S2SM3FA*	AD50S2SM3FA*	AD71S2SM3FA*
External dimensions(W/D/H)	mm	700/700/248	1100/700/248	1100/700/248
Shipping dimensions(W/D/H)	mm	950/900/340	1170/860/340	1170/860/340
Net/Shipping weight	Kg	26/30	32/35	32/35
ESP	Pa	25(default)/37/50/70/90/100/110/120/130/150	25(default)/37/50/70/90/100/110/120/130/150	25(default)/37/50/70/90/100/110/120/130/150
Sound power level	dB(A)	52	55	55
Sound pressure level	dB(A)	36/33/30	42/37/35	36/33/29/26
Air flow(H/M/L)	m³/h	840/720/600/450	1020/900/780/550	1440/1260/1100/900
Refrigerant liquid pipe	mm	6.35	6.35	9.52
Refrigerant gas pipe	mm	9.52	12.7	15.88

\* Data is pending;

# R32

## SUPER MATCH PLUS

### MULTI SPLIT

- 069** Models Line-up
- 071** Outdoor Unit
- 081** High Wall
- 093** Console
- 095** Slim Low ESP Duct
- 097** Medium ESP Duct
- 099** Convertible
- 101** Compact Cassette
- 103** Round-way Cassette
- 105** Match Table



# Models Line-up



Type \ kW	4.0	5.0	5.5	7.0	7.5	8.5	9.0	10.5	12.5
Inverter Multi Outdoor Unit 1/220-240/50/60									
Type \ kW	Controller	2.0	2.5		3.5	4.2	5.0		7.1
High Wall Jade (High End)									
High Wall X Series									
High Wall Flexis		 AS20S2SF1FA-MW3 AS20S2SF1FA-MB3	 AS25S2SF1FA-MW3 AS25S2SF1FA-MB3		 AS35S2SF1FA-MW3 AS35S2SF1FA-MB3	 AS42S2SF1FA-MW3 AS42S2SF1FA-MB3	 AS50S2SF1FA-MW3 AS50S2SF1FA-MB3		 AS71S2SF1FA-MW3 AS71S2SF1FA-MB3
High Wall IES									
High Wall Pearl									
High Wall Tundra Plus									
High Wall Tide Plus				 AS25TAEHRA(M)	 AS35TAEHRA(M)				
Console 1/220-240/50/60 Air Guard Series				 AF25S2SD1FA(H)	 AF35S2SD1FA(H)	 AF42S2SD1FA(H)			
Slim Low ESP Duct 1/220-240/50/60 Air Guard Series				 AD25S2SS1FA(H)	 AD35S2SS1FA(H)		 AD50S2SS1FA(H)		 AD71S2SS1FA(H)
Slim Low ESP Duct Swing Panel 1/220-240/50/60				 P1B-890IA/D	 P1B-890IA/D		 P1B-1210IA/D		 P1B-1210IA/D
Medium ESP Duct 1/220-240/50/60 Air Guard Series					 AD35S2SM3FA(H)		 AD35S2SM3FA(H)		 AD71S2SM3FA(H)
Compact Cassette 1/220-240/50/60 (Panel:PB-620KB)				 AB25S2SC2FA-1	 AB35S2SC2FA-1		 AB50S2SC2FA-1		
Compact Cassette 1/220-240/50/60 (Panel:PB-700KB)				 AB25S2SC1FA	 AB35S2SC1FA		 AB50S2SC1FA		
Round-way Cassette 1/220-240/50/60 (Panel:PB-950KB)					 AC35S2SG1FA				 AB71S2SG1FA
Convertible 1/220-240/50/60						 AC50S2SG1FA		 AC71S2SG1FA	

R32 SUPER MATCH PLUS MULTISPLIT



## OUTDOOR

### Energy Saving

#### New Refrigerant R32

We take new refrigerant R32 which is more environment friendly. The benefits as follows:

GWP (Global Warm Potential) content :

**R32 = 675 VS R410A = 2088**

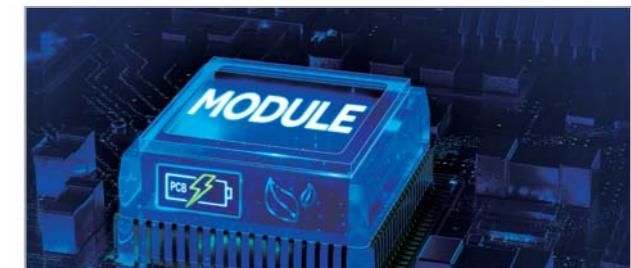
R32 is less than 1/3 of R410A. More environment friendly!



### Energy Saving

#### Low Standby Power

New PCB design, cut the outdoor unit power module power consumption in standby mode, SEER improve 0.2~0.4.



### Comfortable

#### 1 | Elegant

The form of C corner.



#### 2 | Delicate

Upper cover without screw.

#### 3 | Harmony

The front cover integrated with handles.

#### 4 | Clean Design

The outdoor unit takes no screw clean design in the top cover, this design makes people comfort when they are watching the outdoor unit.

#### 6 | High Comfort

The new outdoor unit takes 550mm diameter large fan design, multi split II outdoor unit can provide same air flow but with lower fan rotation speed, then the sound level reduce 3-4dB(A) compared with first generation multi split outdoor unit.

#### 5 | Enlarged Fan

Sound level reduced 3dB(A) than R32 I (first generation) owing to fan diameter enlarged to 550mm and lower rotation speed.

#### 7 | Reinforced Fan Motor Bracket

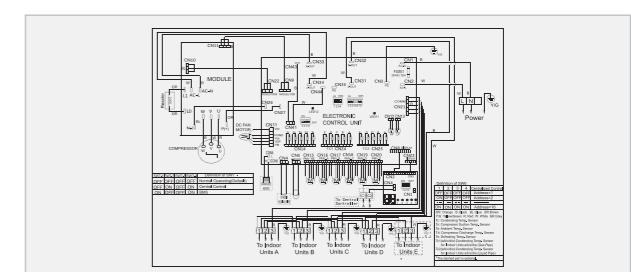
To make sure the unit vibration slowdown and lower the noise level.

### Convenient

#### Central Control/BMS Control

Central control / BMS control function meet the various needs for designer.

(SW7-1&4 OFF central control, ON BMS control)



## Convenient

### Only One Screw for Wiring

The installer only needs to discharge 1 screw to open the valve cover for wiring, which is great benefit for them. The following comparison will leave a strong image in your mind.



### External General Stop Valve

The outdoor unit takes external general stop valve in all outdoor unit design, installer can vacuum/charge just one time with no extra dismantlement, save lots of time.



### Easy Start Up & Maintenance

In start up & maintenance, PC monitor can connect to outdoor unit by TD-02, read all indoor unit & outdoor unit running parameter, also with the function to show parameter & curve.

When malfunction happen, show failure code.



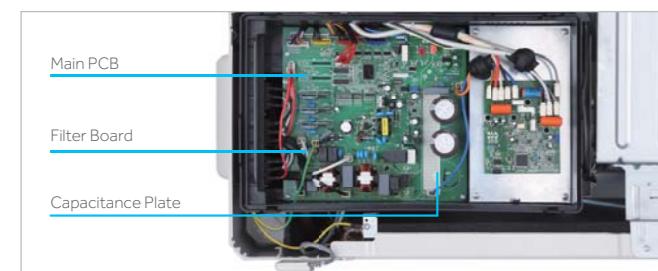
### Brand-new Design of 3 in 1 PCB

Integrating Main PCB, Filter Board and Capacitance Plate into One PCB module to reduce the inner space, enhance the reliability and maintain more convenient.

Because R32 refrigerant are lightly flammable , The PCB takes new design, use the reliable parts, keep high reliability for the system.

Security fuse: The security fuse is protected from ceramics. Even when the fuse is burned because of the overload current, the ceramics will seal the fuse from the air, so it won' t cause the flame even leakage of R32 happens.

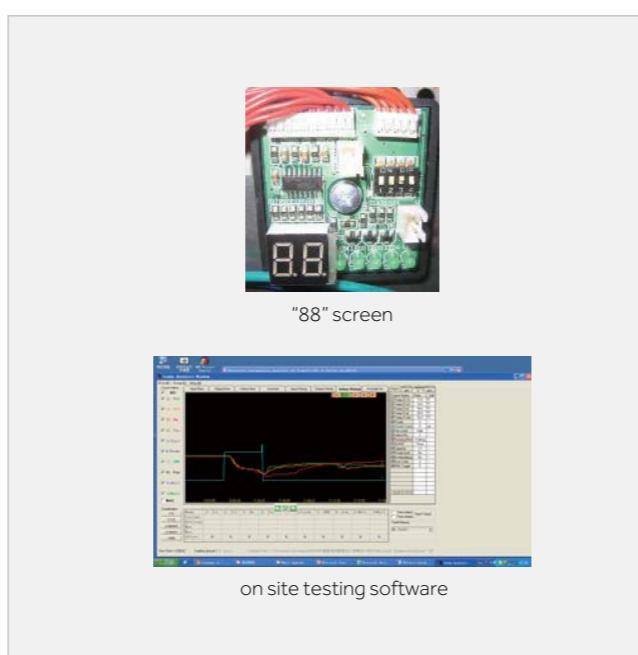
Security relay: The relay is the enclosed type, so when it works, the working parts won' t touch the air, so it won' t cause the flame even leakage of R32 happens.



### Easy Start-up & Maintenance

"88" screen shows compressor frequency or failure code; All running data can be checked by on-site testing software.

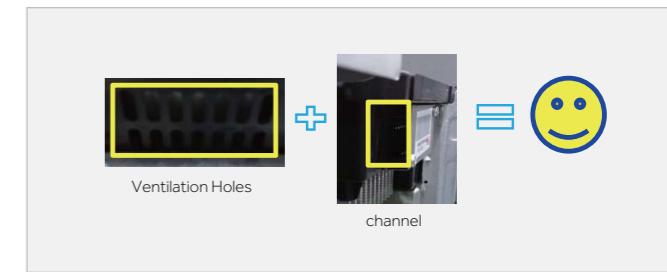
These two tools make easy start-up & maintenance.



## Reliable

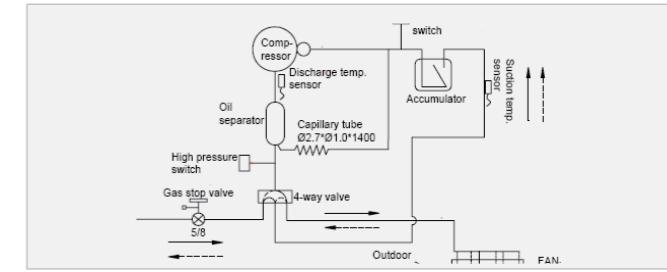
### Electrical Box Ventilation Design

The Electrical box is not only equipped with ventilation holes, but also with the channel to lower the component working temperature of electrical box and prolong the service life.



### Oil Separator

The oil separator separates the oil from the refrigerant in time and send oil back to compressor, which guarantees the compressor running with oil, boost the compressor stability.



# Outdoor Unit



5.5 / 7.0 / 7.5 / 8.5 / 9.0 / 10.5 / 12.5kW



Compact design



New friendly  
refrigerant: R32



Easy wiring and  
maintaining 3 in 1 PCB



Double 8 to show error



Model/outdoor unit		3U55S2SR5FA	3U70S2SR5FA	4U75S2SR5FA	4U85S2SR5FA	5U90S2SS5FA	5U105S2SS5FA
Indoor unit combinations		3*AS25S2SJ1FA-3	3*AS25S2SJ1FA-3	3*AS25S2SJ1FA-3 +AS35S2SJ1FA-3	3*AS25S2SJ1FA-3 +AS35S2SJ1FA-3	2*AS25S2SJ1FA-3 +AS35S2SJ1FA-3 +AS50S2SJ1FA-3	2*AS25S2SJ1FA-3 +AS35S2SJ1FA-3 +AS50S2SJ1FA-3
Maximum connected quantity of indoor units		3	3	4	4	5	5
Nominal performance data	Rated capacity	Cooling kW/nom(min-max) Heating kW/nom(min-max)	5.0(2.1-6.6) 6.4(1.7-7.2)	7.0(2.4-7.6) 7.6(2.9-8.5)	7.6(2.4-8.7) 8.6(3.1-10.0)	8.5(3.2-9.5) 9.3(4.4-10.5)	9.0(3.2-11.0) 10.4(4.4-11.5)
	Rated power input	Cooling kW/nom(min-max) Heating kW/nom(min-max)	1.25 1.60	1.75 1.90	2.05 2.15	2.50 2.38	2.79 2.79
	EER/COP	4.0/4.0		4.0/4.0	3.7/4.0	3.4/3.9	3.23/3.73
	Cooling P design(35°C)	kW	5.0	7.0	7.6	8.5	9.0
Seasonal performance data	Heating P design(-10°C)	kW	4.5	6.0	6.3	7.0	7.2
	SEER/SCOP		8.5/4.6	8.5/4.6	7.0/4.2	7.0/4.2	7.0/4.2
	Energy class(Cooling/Heating)		A+++/A++	A+++/A++	A++/A+	A++/A+	A++/A+
	Annual energy consumption(Cooling)	kW	207	283	379	436	457
	Annual energy consumption(Heating)	kW	1366	1760	2097	2325	2387
	<b>Outdoor unit</b>						
Elec. 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
	Air flow	m³/h	3000	3000	4000	4000	4200
	Sound power level	dB(A)	64	66	68	68	70
	Sound pressure level	dB(A)	51	53	55	55	55
Performance	External dimensions (W/D/H)	mm	890/340/700	890/340/700	890/340/700	890/340/700	920/372/760
	Shipping dimensions (W/D/H)	mm	1010/455/835	1010/455/835	1010/455/835	1010/455/835	1045/488/890
	Net/Shipping weight	kg	50/59	54/63	61/70	61/70	66/77
	Compressor type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
	Refrigerant type		R32	R32	R32	R32	R32
	GWP		675	675	675	675	675
	Refrigerant liquid pipe	mm	3×6.35	3×6.35	4×6.35	4×6.35	5×6.35
	Refrigerant gas pipe	mm	3×9.52	3×9.52	3×9.52+1×12.7	3×9.52+1×12.7	3×9.52+2×12.7
	Total pipe length (Max)	m	50	60	70	70	80
	Single pipe length (Min)	m	3	3	3	3	3
	Single pipe length (Max)	m	25	25	25	25	25
	Max drop between I.U.&O.U	m	15	15	15	15	15
	Max drop between I.U.&I.U	m	7.5	7.5	7.5	7.5	7.5
	Refrigerant load in factory	kg	1.4	1.6	2.2	2.2	2.4
Installation	Maximum pipe length without charge refrigerant	m	30	30	40	40	40
	Refrigerant charge quantity for extra length	g/m	20	20	20	20	20
	Cooling(Min-Max)	°C	-10-46	-10-46	-10-46	-10-46	-10-46
	Heating(Min-Max)	°C	-15-24	-15-24	-15-24	-15-24	-15-24
Working temp.							

\*Data is pending.

# Outdoor Unit



5.5 / 7.0 / 7.5 / 8.5 / 9.0 / 10.5 / 12.5kW



Compact design



New friendly refrigerant: R32



Easy wiring and maintaining 3 in 1 PCB



Double 8 to show error



Model/outdoor unit	3U55S2SR5FA	3U70S2SR5FA	4U75S2SR5FA	4U85S2SR5FA	5U90S2SS5FA	5U105S2SS5FA	5U125S2SN1FA*
<b>Indoor unit combinations</b>	3*AS25S2SF2FA	3*AS25S2SF2FA	3*AS25S2SF2FA +AS35S2SF2FA	3*AS25S2SF2FA +AS35S2SF2FA	2*AS25S2SF2FA +AS35S2SF2FA +AS50S2SF2FA	2*AS25S2SF2FA +AS35S2SF2FA +AS50S2SF2FA	2*AS25S2SF2FA-2 +2*AS35S2SF2FA-2 +1*AS50S2SF2FA-2
<b>Maximum connected quantity of indoor units</b>	3	3	4	4	5	5	5
Nominal performance data	Rated capacity Cooling kW/nor(min-max) Heating kW/nor(min-max)	5.5(2.1-7.0) 6.8(1.7-7.6)	7.0(2.4-7.6) 7.6(2.9-8.5)	7.5(2.4-8.7) 8.6(3.1-10.0)	8.5(3.2-9.5) 9.6(4.4-10.5)	9.0(3.2-11.0) 10.4(4.4-11.5)	10(3.2-11.0) 10.5(4.4-11.5)
Nominal performance data	Rated power input Cooling kW/nom(min-max) Heating kW/nom(min-max)	1.35 1.66	1.84 1.85	1.97 2.15	2.50 2.40	2.79 2.79	3.47 2.84
Nominal performance data	EER/COP 4.0/4.1		3.81/4.1	3.8/4.0	3.4/4.0	3.23/3.73	2.88/3.7
Seasonal performance data	Cooling P design(35°C) kW	5.5	7	7.5	8.5	9.0	10.0
Seasonal performance data	Heating P design(-10°C) kW	4.7	6	6.3	7.0	7.2	8.0
Seasonal performance data	SEER/SCOP	8.5/4.0	7.5/4.2	7.0/4.0	7.0/4.0	7.0/4.0	7.1/4.05
Seasonal performance data	Energy class(Cooling/Heating)	A+++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
Annual energy consumption(Cooling)	kW	227	332	379	456	457	537
Annual energy consumption(Heating)	kW	1678	2012	2179	2503	2441	2889
<b>Outdoor unit</b>							
Elec. 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 m³/h	3000		3000	4000	4000	4200
Performance	Sound power level dB(A)	64		66	68	68	70
Performance	Sound pressure level dB(A)	51		53	55	55	58
Installation	External dimensions (W/D/H) mm	890/340/700		890/340/700	890/340/700	890/340/700	920/372/760
Installation	Shipping dimensions (W/D/H) mm	1010/455/835		1010/455/835	1010/455/835	1010/455/835	1045/488/890
Installation	Net/Shipping weight kg	50/59		54/63	61/70	61/70	66/77
Installation	Compressor type	Twin Rotary		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Installation	Refrigerant type	R32		R32	R32	R32	R32
Installation	GWP	675		675	675	675	675
Installation	Refrigerant liquid pipe mm	3×6.35		3×6.35	4×6.35	4×6.35	5×6.35
Installation	Refrigerant gas pipe mm	3×9.52		3×9.52	3×9.52+1×12.7	3×9.52+1×12.7	3×9.52+2×12.7
Installation	Total pipe length (Max) m	50		60	70	80	80
Installation	Single pipe length (Min) m	3		3	3	3	3
Installation	Single pipe length (Max) m	25		25	25	25	25
Installation	Max drop between I.U.&O.U m	15		15	15	15	15
Installation	Max drop between I.U.&I.U m	7.5		7.5	7.5	7.5	7.5
Installation	Refrigerant load in factory kg	1.4		1.6	2.2	2.2	2.4
Installation	Maximum pipe length without charge refrigerant m	30		30	40	40	50
Working temp.	Refrigerant charge quantity for extra length g/m	20		20	20	20	20
Working temp.	Cooling(Min-Max) °C	-10-46		-10-46	-10-46	-10-46	-10-46
Working temp.	Heating(Min-Max) °C	-15-24		-15-24	-15-24	-15-24	-15-24

\*Data is pending.

# Outdoor Unit



5.5 / 7.0 / 7.5 / 8.5 / 9.0 / 10.5 / 12.5kW



Compact design



New friendly  
refrigerant: R32



Easy wiring and  
maintaining 3 in 1 PCB



Double 8 to show error

Model/outdoor unit		3U55S2SR5FA	3U70S2SR5FA	4U75S2SR5FA	4U85S2SR5FA	5U90S2SS5FA	5U105S2SS5FA
Indoor unit combinations		3*AS25PBAHRA	3*AS25PBAHRA	3*AS20PBAHRA +AS50PDAHRA	3*AS20PBAHRA +AS50PDAHRA	4*AS20PBAHRA +AS50PDAHRA	4*AS20PBAHRA +AS50PDAHRA
Maximum connected quantity of indoor units		3	3	4	4	5	5
Nominal performance data	Rated capacity	Cooling kW/nom(min-max) Heating kW/nom(min-max)	5.0(2.1-6.6) 6.4(1.7-7.2)	6.0(2.4-7.6) 7.1(2.9-7.8)	7.0(2.4-8.7) 8.4(3.1-10.0)	7.8(3.2-9.2) 9.2(4.4-10.5)	8.5(3.2-10.5) 10.0(4.4-10.8)
	Rated power input	Cooling kW/nom(min-max) Heating kW/nom(min-max)	1.55 1.72	1.86 1.90	2.05 2.18	2.45 2.45	2.63 2.68
	EER/COP	3.23/3.73		3.23/3.73		3.40/3.85	
	Cooling P design(35°C) Heating P design(-10°C)	kW	5.0 4.5	6.0 5.7	7.0 6.3	7.8 7.0	8.5 7.2
Seasonal performance data	SEER/SCOP		5.6/4.05	6.15/4.05	6.15/4.05	5.6/4.05	6.15/4.05
	Energy class(Cooling/Heating)		A+/A+	A++/A+	A++/A+	A+/A+	A+/A+
	Annual energy consumption(Cooling)	kW	311	352	435	483	502
	Annual energy consumption(Heating)	kW	1609	1979	2168	2503	2643
	<b>Outdoor unit</b>						
	Elec. 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
Performance	Air flow	m³/h	3000	3000	4000	4000	4200
	Sound power level	dB(A)	64	66	68	68	70
	Sound pressure level	dB(A)	51	53	55	55	55
	External dimensions (W/D/H)	mm	890/340/700	890/340/700	890/340/700	890/340/700	920/372/760
Installation	Shipping dimensions (W/D/H)	mm	1010/455/835	1010/455/835	1010/455/835	1010/455/835	1045/488/890
	Net/Shipping weight	kg	50/59	54/63	61/70	61/70	66/77
	Compressor type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
	Refrigerant type		R32	R32	R32	R32	R32
	GWP		675	675	675	675	675
	Refrigerant liquid pipe	mm	3×6.35	3×6.35	4×6.35	4×6.35	5×6.35
	Refrigerant gas pipe	mm	3×9.52	3×9.52	3×9.52+1×12.7	3×9.52+1×12.7	3×9.52+2×12.7
	Total pipe length (Max)	m	50	60	70	70	80
	Single pipe length (Min)	m	3	3	3	3	3
	Single pipe length (Max)	m	25	25	25	25	25
	Max drop between I.U.&O.U	m	15	15	15	15	15
	Max drop between I.U.&I.U	m	7.5	7.5	7.5	7.5	7.5
	Refrigerant load in factory	kg	1.4	1.6	2.2	2.2	2.4
	Maximum pipe length without charge refrigerant	m	30	30	40	40	40
Working temp.	Refrigerant charge quantity for extra length	g/m	20	20	20	20	20
	Cooling(Min-Max)	°C	-10-46	-10-46	-10-46	-10-46	-10-46
	Heating(Min-Max)	°C	-15-24	-15-24	-15-24	-15-24	-15-24

\*Data is pending.



# High Wall Jade (High End)



2.5 / 3.5 / 4.2kW



Super quiet



WiFi control



3D airflow



Self-clean

Model/indoor unit			AS25S2SJ1FA-3	AS35S2SJ1FA-3	AS50S2SJ1FA-3
Capacity	Nominal Cooling	kW	2.6(1.0~4.0)	3.5(1.0~4.0)	5.2(1.4~6.0)
	Nominal Heating	kW	3.2(1.1~5.4)	4.2(1.3~5.8)	6.0(1.4~6.9)
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Performance	Air flow (H/M/L)	m³/h	550	600	900
	Soundpower leve	dB(A)	56	57	57
	Sound pressure level(H/M/L)	dB(A)	36/32/29	37/33/30	41/37/33
Installation	External dimensions(W/D/H)	mm	923/215/320	923/215/320	1050/235/350
	Shipping dimensions(W/D/H)	mm	1032/318/418	1032/318/418	1160/347/455
	Net/Shipping weight	kg	12/15.2	12/15.2	14.9/18.9
	Refrigerant/liquid pipe	mm	6.35	6.35	6.35
	Refrigerant/gas pipe	mm	9.52	9.52	12.7
	Controller	standard	YR-HQ	YR-HQ	YR-HQ
		optional	/	/	/

\*Data is pending:



# High Wall X Series



2.0 / 2.5 / 3.5 / 4.2 / 5.0kW



YR-HQ



Easy installation



WiFi control



Eco sensor



Self-clean



Model/indoor unit			AS25XCAHRA	AS35XCAHRA	AS50XCAHRA
Capacity	Nominal Cooling	kW	2.8(0.8-3.2)	3.5(1.0-4.0)	5.0(1.4-5.5)
	Nominal Heating	kW	3.2(0.8-4.2)	4.2(1.0-5.2)	5.6(1.7-6.2)
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Performance	Air flow (H/M/L)	m³/h	730	800	900
	Sound power level	dB(A)	56	57	60
	Sound pressure level(H/M/L)	dB(A)	39/32/25/16	40/33/26/17	45/37/29/21
Installation	External dimensions(W/D/H)	mm	895/236/313	895/236/313	895/236/313
	Shipping dimensions(W/D/H)	mm	949/298/371	949/298/371	949/298/371
	Net/Shipping weight	kg	11.3/14	11.3/14	11.6/14.2
	Refrigerant liquid pipe	mm	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	12.7
	Controller	standard	YR-HQ	YR-HQ	YR-HQ
		optional	/	/	/

\*Data is pending:

# High Wall Flexis



2.0 / 2.5 / 3.5 / 4.2 / 5.0 / 7.1kW



Super quiet



WiFi control



3D airflow



Self-clean

Model/indoor unit			AS20S2SF1FA-MW3 AS20S2SF1FA-MB3	AS25S2SF1FA-MW3 AS25S2SF1FA-MB3	AS35S2SF1FA-MW3 AS35S2SF1FA-MB3	AS42S2SF1FA-MW3 AS42S2SF1FA-MB3	AS50S2SF1FA-MW3 AS50S2SF1FA-MB3	AS71S2SF1FA-MW3 AS71S2SF1FA-MB3
Capacity	Nominal Cooling	kW	2	2.6(0.8-3.2)	3.5(1.0-4.0)	4.2(1.2-4.8)	5.2(1.4-6.0)	7(2.2-7.5)
	Nominal Heating	kW	2.5	3.2(0.8-4.2)	4.2(1.0-5.2)	4.4(1.3-5.8)	6.0(1.4-6.9)	8(2.4-8.5)
Electrical parameters	Power supply	Ph/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50
Performance	Air flow (H/M/L)	m³/h	600	600	650	750	900	1100
	Sound power level	dB(A)	53	53	55	58	57	60
	Sound pressure level(H/M/L)	dB(A)	38/32/25	38/32/25	39/33/26	42/36/30	45/41/37	47/43/37
Installation	External dimensions(W/D/H)	mm	856/197/300	856/197/300	856/197/300	856/197/300	999/225/323	1126/230/337
	Shipping dimensions(W/D/H)	mm	952/283/389	952/283/389	952/283/389	952/283/389	1100/314/420	1187/301/417
	Net/Shipping weight	kg	9.5/12	9.5/12	9.5/12	9.5/12	12/15	15.2/18.2
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	9.52	9.52	9.52	12.7	15.88
	Controller	standard	YR-HQ	YR-HQ	YR-HQ	YR-HQ	YR-HQ	YR-HQ
	optional	/	/	/	/	/	/	/

\*Data is pending:



# High Wall IES



2.0 / 2.5 / 3.5 / 4.2 / 5.0 / 7.1kW



Super quiet



WiFi control



3D airflow



Self-clean



Model/indoor unit			AS20S2SF2FA-3	AS25S2SF2FA-3	AS35S2SF2FA-3	AS42S2SF2FA-3	AS50S2SF2FA-3	AS71S2SF2FA-3
Capacity	Nominal Cooling	kW	2	2.6(0.8-3.2)	3.5(1.0-4.0)	4.2(1.2-4.8)	5.2(1.4-6.0)	7(2.2-7.5)
	Nominal Heating	kW	2.5	3.2(0.8-4.2)	4.2(1.0-5.2)	4.4(1.3-5.8)	6.0(1.4-6.9)	8(2.4-8.5)
Electrical parameters	Power supply	Ph/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50
Performance	Airflow(H/M/L)	m³/h	600	600	650	750	900	1100
	Sound power level	dB(A)	53	53	55	58	57	60
	Sound pressure level(H/M/L)	dB(A)	38/32/25	38/32/25	39/33/26	42/36/30	45/41/37	47/43/37
Installation	External dimensions(W/D/H)	mm	870/196/301	870/196/301	870/196/301	870/196/301	1009/223/327	1126/230/337
	Shipping dimensions(W/D/H)	mm	952/283/389	952/283/389	952/283/389	952/283/389	1100/314/420	1187/301/417
	Net/Shipping weight	kg	9.5/12	9.5/12	9.5/12	9.5/12	12/15	15.2/18.2
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	9.52	9.52	9.52	12.7	15.88
	Controller	standard	YR-HE	YR-HE	YR-HE	YR-HE	YR-HE	YR-HE
	optional	/	/	/	/	/	/	/

\*Data is pending:

# High Wall Pearl



2.0 / 2.5 / 3.5 / 5.0kW



Model/indoor unit			AS25PBAHRA	AS35PBAHRA	AS50PDAHRA	AS68PDAHRA
Capacity	Nominal Cooling	kW	2.6(0.8~3.0)	3.2(0.8~3.6)	5(1.3~5.8)	6.8(2.2~8.5)
	Nominal Heating	kW	2.8(0.8~3.2)	3.4(0.8~4.2)	5.2(1.4~6.0)	6.8(2.4~9.5)
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Performance	Air flow(H/M/L)	m³/h	550	600	900	1100
	Sound power level	dB(A)	54	56	57	62
	Sound pressure level(H/M/L)	dB(A)	37/32/28	37/33/29	44/40/35	47/45/37
Installation	External dimensions(W/D/H)	mm	805/200/290	805/200/290	975/220/320	975/220/320
	Shipping dimensions(W/D/H)	mm	874/270/363	874/270/363	1090/316/413	1050/301/397
	Net/Shipping weight	kg	8.3/10.5	8.3/10.5	11.6/14.4	11.6/14.4
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	12.7	12.7
	Controller	standard	YR-HE	YR-HE	YR-HE	YR-HE
		optional	/	/	/	/

\*Data is pending:



Easy installation



WiFi control



Canda plus airflow



Self-clean



# High Wall Tide Plus



2.0 / 2.5 / 3.5kW



Super quiet



WiFi control



Comfortable sleep



Self-clean



Model/indoor unit			AS25THMHRA-C	AS35TAMHRA-C	AS50TDMHRA-C	AS68TEMHRA-C
Capacity	Nominal Cooling	kW	2.6(0.8-3.0)	3.2(0.8-3.6)	5.0(1.3-5.8)	7.0(2.2-8.5)
	Nominal Heating	kW	2.8(0.8-3.2)	3.4(0.8-4.2)	5.2(1.4-6.0)	8.1(2.4-10.0)
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/230/50
Performance	Air flow (H/M/L)	m³/h	500	550	900	1200
	Sound power level	dB(A)	54	56	57	60
	Sound pressure level(H/M/L)	dB(A)	37/33/29	38/34/29	44/40/35	47/43/37
Installation	External dimensions(W/D/H)	mm	820/195/280	820/195/280	1008/225/318	1125/240/335
	Shipping dimensions(W/D/H)	mm	909/279/355	909/279/355	1085/329/403	1206/342/418
	Net/Shipping weight	kg	8.2/10.5	8.2/10.5	11.6/14.4	14/17.5
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	12.7	12.7
	Controller	standard	YR-HE	YR-HE	YR-HE	YR-HE
		optional	/	/	/	/

\*Data is pending:

# Console



2.5 / 3.5 / 4.2kW



YR-HQS01



DC fan motor



Quiet running  
21dB(A)



WiFi control



Blowing up and down



Model/indoor unit			AF25S2SD1FA(H)	AF35S2SD1FA(H)	AF42S2SD1FA(H)
Capacity	Nominal Cooling	Btu/h (nor)	2.5	3.4	4.2
	Nominal Heating	Btu/h (nor)	2.8	3.5	4.7
Electrical parameters	Power supply	Ph/V/Hz	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60
Performance	Air flow (H/M/L)	m³/h	400/350/300	450/400/350	530/480/430
	Sound power level	dB(A)	52	55	58
	Sound pressure level(H/M/L)	dB(A)	40/32/25	42/34/26	46/37/33
Installation	External dimensions(W/D/H)	mm	700/210/600	700/210/600	700/210/600
	Shipping dimensions(W/D/H)	mm	783/303/695	783/303/695	783/303/695
	Net/Shipping weight	kg	16.5/18.5	16.5/18.5	16.5/18.5
	Refrigerant liquid pipe	mm	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	9.52
	Controller	Standard(wireless)	YR-HQS01	YR-HQS01	YR-HQS01
		optional(wired)	YR-E17A	YR-E17A	YR-E17A

\*Data is pending:

# Slim Low ESP Duct



2.5 / 3.5 / 5.0 / 7.1kW



New design 3D airflow  
air grille



Super slim design,  
only 185mm



Return air-intake choices



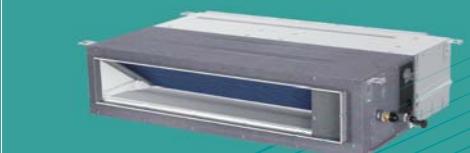
Left or right drain outlet



Model/ Standard	Indoor unit	drian pump included	AD25S2SS1FA(H)	AD35S2SS1FA(H)	AD50S2SS1FA(H)	AD71S2SS1FA(H)
Capacity	Nominal Cooling	kW	2.5	3.5	5	7.1
	Nominal Heating	kW	3	4	5.5	7.1
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
Performance	Air flow(H/M/L)	m³/h	530/460/390	600/480/420	900/750/600	1000/850/750
	External static pressure	Pa	0/10/20/40	0/10/20/40	0/10/20/40	0/10/20/40
	Sound power level	dB(A)	50	53	54	57
	Sound pressure level (H/M/L)	dB(A)	29/28/25	33/28/25	36/34/32	38/35/33
Installation	External dimensions(W/D/H)	mm	850/420/185	850/420/185	1170/420/185	1170/420/185
	Shipping dimensions(W/D/H)	mm	1045/540/270	1045/540/270	1365/540/270	1365/540/270
	Net/Shipping weight	kg	16/21	16/21	22/28	24/30
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	9.52	12.7	15.88
	Controller	optional(wired)	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		optional(wireless)	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
Panel	Panel Model		P1B-890IA/D	P1B-890IA/D	P1B-1210IA/D	P1B-1210IA/D
	External dimensions(W/D/H)	mm	890/190/100(outlet panel)/ 890/290.5/32.4(inlet panel)	890/190/100(outlet panel)/ 890/290.5/32.4(inlet panel)	1210/190/100(outlet panel)/ 1210/290.5/32.4(inlet panel)	1210/190/100(outlet panel)/ 1210/290.5/32.4(inlet panel)
	Shipping dimensions(W/D/H)	mm	938/335/220	938/335/220	1258/335/220	1258/335/220
	Net/Shipping weight	kg	4/5	4/5	5/6	5/6

\* Data is pending:

# Medium ESP Duct



3.5 / 5.0 / 7.1kW



248mm slim design



Airzone control

**10**

10 steps pressure adjusted to  
suit different ductwork length



Built-in high head  
drain pump maxi. 1000mm

Model/ Standard Indoor unit drian pump included			AD35S2SM3FA(H)	AD50S2SM3FA(H)	AD71S2SM3FA(H)
Capacity	Nominal Cooling	kW	3.5	5	7.1
	Nominal Heating	kW	4	6	8
Electrical parameters	Power supply	Ph/V/Hz	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60
Performance	Airflow (H/M/L)	m³/h	840/720/600	1080/900/780	1440/1140/900
	External static pressure	Pa	25/37/50/70/90/100/110/120/130/150	25/37/50/70/90/100/110/120/130/150	25/37/50/70/90/100/110/120/130/150
	Sound power level	dB(A)	55	57	58
	Sound pressure level (H/M/L)	dB(A)	35/32/29	37/34/32	39/36/33
Installation	External dimensions(W/D/H)	mm	700/700/248	1100/700/248	1100/700/248
	Shipping dimensions(W/D/H)	mm	950/900/340	1170/860/340	1270/860/340
	Net/Shipping weight	kg	26/30	32/35	32/35
	Refrigerant liquid pipe	mm	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	12.7	15.88
	Controller	optional(wired)	YR-E17A	YR-E17A	YR-E17A
		optional(wireless)	YR-HQS01	YR-HQS01	YR-HQS01

\* Data is pending:



# Convertible



3.5 / 5.0 / 7.1kW



3D airflow



Intelligent sensor  
(optional)



Turbo mode 4.2m  
(12.5/14 kW)



Double 8 to show  
temperature and error



Model/ Standard Indoor unit drian pump included			AC35S2SG1FA	AC50S2SG1FA	AC71S2SG1FA
Capacity	Nominal Cooling	Btu/h (nor)	3.5	5	7.1
	Nominal Heating	Btu/h (nor)	4	5.8	8
Electrical parameters	Power supply	Ph/V/Hz	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60
Performance	Airflow (H/M/L)	m³/h	750/620/500	880/750/650	1250/1128/930
	Sound power level	dB(A)	53	57	62
	Sound pressure level(H/M/L)	dB(A)	39/36/33	44/41/38	41/38/36/33
	External dimensions(W/D/H)	mm	1000/230/680	1000/230/680	1325/230/680
Installation	Shipping dimensions(W/D/H)	mm	1100/305/779	1100/305/779	1425/305/779
	Net/Shipping weight	kg	26/32	26/32	33/42
	Refrigerant liquid pipe	mm	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	12.7	15.88
	Controller	optional(wireless)	YR-HQS01	YR-HQS01	YR-HQS01
		optional(wired)	YR-E17A	YR-E17A	YR-E17A

\* Data is pending.

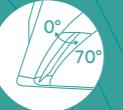
# Compact Cassette



2.5 / 3.5 / 5.0kW



Innovative 4 independent airflow control



Auto Swing: wide discharge angle: 0° to 70°



620x620mm panel fit for the standard decoration panel



Easy installation thanks to 570x570mm design

Model/indoor unit			AB25S2SC1FA	AB35S2SC1FA	AB50S2SC1FA	AB25S2SC2FA	AB35S2SC2FA	AB50S2SC2FA
Capacity	Nominal Cooling	Btu/h (nor)	2.6	3.5	5	2.6	3.5	5
	Nominal Heating	Btu/h (nor)	3.2	4	5.5	3.2	4	5.5
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
Performance	Air flow (H/M/L)	m³/h	510/450/390	620/520/420	700/600/500	510/450/390	620/520/420	700/600/500
	Sound power level	dB(A)	50	52	57	50	52	57
	Sound pressure level(H/M/L)	dB(A)	31/28/25	35/32/30	42/37/35	31/28/25	35/32/30	42/37/35
Installation	External dimensions(W/D/H)	mm	570/570/260	570/570/260	570/570/260	570/570/260	570/570/260	570/570/260
	Shipping dimensions(W/D/H)	mm	718/680/380	718/680/380	718/680/380	718/680/380	718/680/380	718/680/380
	Net/Shipping weight	kg	17/20	18.5/22	18.5/22	17/20	18.5/22	19/22
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	12.7	9.52	9.52	12.7
	Controller optional(wireless)		YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
	Controller optional(wired)		YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
Panel	Model		PB-700KB	PB-700KB	PB-700KB	PB-620KB	PB-620KB	PB-620KB
	External dimensions(W/D/H)	mm	700/700/60	700/700/60	700/700/60	620/620/60	620/620/60	620/620/60
	Shipping dimensions(W/D/H)	mm	740/750/115	740/750/115	740/750/115	660/660/115	660/660/115	660/660/115
	Net/Shipping weight	kg	2.8/4.8	2.8/4.8	2.8/4.8	2.8/4.5	2.8/4.5	2.8/4.5

\*Data is pending.



# Round-way Cassette



7.1kW



Round way air supply



Move eye intelligent system



Convenient clip



Undoing only one screw  
for wiring

Model/indoor unit			AB71S2SG1FA
Capacity	Nominal Cooling	Btu/h	7.1
	Nominal Heating	Btu/h	8
Electrical parameters	Power supply	Ph/V/Hz	1/220~240/50/60
Performance	Air flow (H/M/L)	m³/h	1260/1070/820
	Sound power level	dB(A)	55
	Sound pressure level (H/M/L)	dB(A)	36/33/29
Installation	External dimensions(W/D/H)	mm	840/840/204
	Shipping dimensions(W/D/H)	mm	990/990/310
	Net/Shipping weight	kg	27/31
	Refrigerant liquid pipe	mm	9.52
	Refrigerant gas pipe	mm	15.88
	Controller	optional(wireless)	YR-HQS01
		optional(wired)	YR-E17A
Panel	Model		PB-950KB(standard panel)/PB-950MB(sensor panel)
	External dimensions(W/D/H)	mm	950/950/50
	Shipping dimensions(W/D/H)	mm	1000/1000/110
	Net/Shipping weight	kg	6.5/9

\*Data is pending.





# Match Table

## 4U75S2SR5FA Combination and the data

COOLING

Comb.	Combinations				Rated capacity Output/kW (Nom. cooling)				Total cooling capacity(kW)				Total power input(kW)			Total current(A)@230V			EER (W/W)	ENERGY LABEL	SEER LABEL	ENERGY LABEL
	UnitA	UnitB	UnitC	UnitD	UnitA	UnitB	UnitC	UnitD	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity				
1x1	2.0	—	—	—	2.00	—	—	—	0.80	2.00	2.80	0.55	0.66	1.30	2.44	2.93	5.77	—	—	—	—	
	2.5	—	—	—	2.60	—	—	—	0.80	2.60	3.90	0.55	0.86	1.34	2.44	3.82	5.93	—	—	—	—	
	3.5	—	—	—	3.60	—	—	—	1.00	3.60	5.30	0.55	1.20	1.50	2.44	5.32	6.65	—	—	—	—	
	4.2	—	—	—	4.40	—	—	—	1.30	4.40	5.00	0.55	1.40	1.90	2.44	6.21	8.43	—	—	—	—	
	5.0	—	—	—	5.20	—	—	—	1.40	5.20	7.00	0.55	1.65	1.90	2.44	7.32	8.43	—	—	—	—	
	7.1	—	—	—	6.50	—	—	—	1.50	6.50	7.40	0.55	2.05	2.80	2.44	9.09	12.42	—	—	—	—	
	2.0	2.0	—	—	2.00	2.00	—	—	2.00	4.00	5.60	0.55	1.30	3.00	2.44	5.77	13.31	3.08	B	6.20	A++	
BI(1x2)	2.0	2.5	—	—	2.00	2.60	—	—	2.00	4.60	6.70	0.55	1.50	3.00	2.44	6.65	13.31	3.07	B	6.20	A++	
	2.0	3.5	—	—	2.00	3.60	—	—	2.00	5.60	8.10	0.55	1.80	3.00	2.44	7.99	13.31	3.11	B	6.20	A++	
	2.0	4.2	—	—	2.00	4.40	—	—	2.00	6.40	7.80	0.55	1.95	3.00	2.44	8.65	13.31	3.28	A	6.20	A++	
	2.0	5.0	—	—	2.00	5.20	—	—	2.00	7.20	8.70	0.55	2.20	3.00	2.44	9.76	13.31	3.27	A	6.20	A++	
	2.0	7.1	—	—	1.76	5.74	—	—	2.00	7.50	8.70	0.55	2.24	3.10	2.44	9.94	13.75	3.35	A	6.20	A++	
	2.5	2.5	—	—	2.60	2.60	—	—	2.00	5.20	7.80	0.55	1.70	3.10	2.44	7.54	13.75	3.06	B	6.20	A++	
	2.5	3.5	—	—	2.60	3.60	—	—	2.00	6.20	8.70	0.55	2.00	3.10	2.44	8.87	13.75	3.10	B	6.20	A++	
	2.5	4.2	—	—	2.60	4.40	—	—	2.00	7.00	8.70	0.55	2.10	3.10	2.44	9.32	13.75	3.33	A	6.20	A++	
	2.5	5.0	—	—	2.90	5.00	—	—	2.00	7.50	8.70	0.55	2.24	3.10	2.44	9.94	13.75	3.35	A	6.20	A++	
	2.5	7.1	—	—	2.14	5.36	—	—	2.00	7.50	8.70	0.55	2.24	3.10	2.44	9.94	13.75	3.35	A	6.20	A++	
	3.5	3.5	—	—	3.60	3.60	—	—	2.00	7.20	8.70	0.55	2.20	3.10	2.44	9.76	13.75	3.27	A	6.20	A++	
	3.5	4.2	—	—	3.38	4.13	—	—	2.00	7.50	8.70	0.55	2.26	3.20	2.44	10.03	14.20	3.32	A	6.20	A++	
	3.5	5.0	—	—	2.95	4.25	—	—	2.00	7.20	8.70	0.55	2.24	3.20	2.44	9.94	14.20	3.21	A	6.20	A++	
	3.5	7.1	—	—	2.67	4.83	—	—	2.00	7.50	8.70	0.55	2.25	3.20	2.44	9.98	14.20	3.33	A	6.20	A++	
TRI (1x3)	4.2	4.2	—	—	3.75	3.75	—	—	2.00	7.50	8.70	0.55	2.25	3.20	2.44	9.98	14.20	3.33	A	6.20	A++	
	4.2	5.0	—	—	3.44	4.06	—	—	2.00	7.50	8.70	0.55	2.25	3.20	2.44	9.98	14.20	3.33	A	6.20	A++	
	4.2	7.1	—	—	3.03	4.47	—	—	2.00	7.50	8.70	0.55	2.25	3.30	2.44	9.98	14.64	3.33	A	6.20	A++	
	5.0	5.0	—	—	3.75	3.75	—	—	2.00	7.50	8.70	0.55	2.18	3.30	2.44	9.67	14.64	3.44	A	6.20	A++	
	5.0	7.1	—	—	3.33	4.17	—	—	2.00	7.50	8.70	0.55	2.18	3.30	2.44	9.67	14.64	3.44	A	6.20	A++	
	2.0	2.0	—	—	2.00	2.00	—	—	2.40	6.00	8.70	0.55	1.80	3.40	2.44	7.99	15.08	3.33	A	6.70	A++	
	2.0	2.0	2.5	—	2.00	2.00	2.60	—	2.40	6.60	8.70	0.55	1.95	3.40	2.44	8.65	15.08	3.38	A	6.70	A++	
	2.0	2.0	3.5	—	1.97	1.97	3.55	—	2.40	7.50	8.70	0.55	2.20	3.40	2.44	9.76	15.08	3.41	A	6.70	A++	
	2.0	2.0	4.2	—	1.79	1.79	3.93	—	2.40	7.50	8.70	0.55	2.20	3.40	2.44	9.76	15.08	3.41	A	6.70	A++	
	2.0	2.0	5.0	—	1.63	1.63	4.24	—	2.40	7.50	8.70	0.55	2.20	3.40	2.44	9.76	15.08	3.41	A	6.70	A++	
	2.0	2.0	7.1	—	1.43	1.43	4.64	—	2.40	7.50	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.49	A	6.70	A++	
	2.0	2.5	2.5	—	2.00	2.60	2.60	—	2.40	7.20	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.35	A	6.70	A++	
	2.0	2.5	3.5	—	1.83	2.38	3.29	—	2.40	7.50	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.49	A	6.70	A++	
QUADRI (1x4)	2.0	2.5	4.2	—	1.67	2.17	3.67	—	2.40	7.50	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.49	A	6.70	A++	
	2.0	2.5	5.0	—	1.53	1.99	3.98	—	2.40	7.50	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.49	A	6.70	A++	
	2.0	2.5	7.1	—	1.35	1.76	4.39	—	2.40	7.50	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.49				

# Match Table

## 4U85S2SR5FA Combination and the data

### COOLING

Comb.	Combinations				Rated capacity Output/kW (Nom. cooling)				Total cooling capacity(kW)				Total power input(kW)			Total current(A)@230V			EER (W/W)	ENERGY LABEL	SEER (W/W)	ENERGY LABEL	
	UnitA	UnitB	UnitC	UnitD	UnitA	UnitB	UnitC	UnitD	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data			
1x1	2.0	—	—	—	2.00	—	—	—	0.80	2.00	2.80	0.55	0.66	1.30	2.44	2.93	5.77	—	—	—	—	—	—
	2.5	—	—	—	2.60	—	—	—	0.80	2.60	3.90	0.55	0.86	1.34	2.44	3.82	5.93	—	—	—	—	—	—
	3.5	—	—	—	3.60	—	—	—	1.00	3.60	5.30	0.55	1.20	1.50	2.44	5.32	6.65	—	—	—	—	—	—
	4.2	—	—	—	4.40	—	—	—	1.30	4.40	5.00	0.55	1.40	1.90	2.44	6.21	8.43	—	—	—	—	—	—
	5.0	—	—	—	5.20	—	—	—	1.40	5.20	7.00	0.55	1.65	1.90	2.44	7.32	8.43	—	—	—	—	—	—
	7.1	—	—	—	6.50	—	—	—	1.50	6.50	7.40	0.55	2.00	3.00	2.44	8.87	13.31	—	—	—	—	—	—
BI(1x2)	2.0	2.0	—	—	2.00	2.00	—	—	2.50	4.00	5.60	0.55	1.30	3.20	2.44	5.77	14.20	3.08	B	6.20	A++		
	2.0	2.5	—	—	2.00	2.60	—	—	2.50	4.60	6.70	0.55	1.50	3.20	2.44	6.65	14.20	3.07	B	6.20	A++		
	2.0	3.5	—	—	2.00	3.60	—	—	2.50	5.60	8.10	0.55	1.80	3.20	2.44	7.99	14.20	3.11	B	6.20	A++		
	2.0	4.2	—	—	2.00	4.40	—	—	2.50	6.40	7.80	0.55	2.05	3.20	2.44	9.09	14.20	3.12	B	6.20	A++		
	2.0	5.0	—	—	2.00	5.20	—	—	2.50	7.20	9.30	0.55	2.28	3.20	2.44	10.12	14.20	3.16	B	6.20	A++		
	2.0	7.1	—	—	2.00	6.50	—	—	2.50	8.50	9.30	0.55	2.65	3.20	2.44	11.76	14.64	3.21	A	6.20	A++		
	2.5	2.5	—	—	2.50	5.20	—	—	2.50	8.50	9.30	0.55	1.60	3.20	2.44	7.10	14.64	3.25	A	6.20	A++		
	2.5	3.5	—	—	2.50	6.20	9.10	0.55	1.98	5.30	7.40	0.55	2.44	8.78	14.64	5.13	B	6.20	A++				
	2.5	4.2	—	—	2.50	7.00	9.30	0.55	2.20	5.30	7.40	0.55	2.44	9.76	14.64	5.18	B	6.20	A++				
	2.5	5.0	—	—	2.50	5.20	—	—	2.50	7.80	9.30	0.55	2.35	3.30	2.44	10.43	14.64	5.32	A	6.20	A++		
	2.5	7.1	—	—	2.43	6.07	—	—	2.50	8.50	9.30	0.55	2.60	3.30	2.44	11.54	14.64	5.27	A	6.20	A++		
	3.5	3.5	—	—	3.60	3.60	—	—	2.50	7.20	9.30	0.55	2.20	3.30	2.44	9.76	14.64	3.27	A	6.20	A++		
	3.5	4.2	—	—	3.60	4.40	—	—	2.50	8.00	9.30	0.55	2.42	10.74	14.64	3.31	A	6.20	A++				
	3.5	5.0	—	—	3.31	4.79	—	—	2.50	8.10	9.50	0.55	2.52	3.30	2.44	11.18	14.64	3.21	A	6.20	A++		
	3.5	7.1	—	—	3.03	5.47	—	—	2.50	8.50	9.50	0.55	2.59	3.30	2.44	11.49	14.64	3.28	A	6.20	A++		
	4.2	4.2	—	—	4.25	4.25	—	—	2.50	8.50	9.50	0.55	2.59	3.30	2.44	11.49	14.64	3.28	A	6.20	A++		
	4.2	5.0	—	—	3.90	4.60	—	—	2.50	8.50	9.50	0.55	2.59	3.30	2.44	11.49	14.64	3.28	A	6.20	A++		
	4.2	7.1	—	—	3.43	5.07	—	—	2.50	8.50	9.50	0.55	2.58	3.30	2.44	11.45	14.64	3.29	A	6.20	A++		
	5.0	5.0	—	—	4.25	4.25	—	—	2.50	8.50	9.50	0.55	2.56	3.30	2.44	11.36	14.64	3.32	A	6.20	A++		
	5.0	7.1	—	—	3.78	4.72	—	—	2.50	8.50	9.50	0.55	2.55	3.30	2.44	11.31	14.64	3.33	A	6.20	A++		
	7.1	7.1	—	—	4.25	4.25	—	—	2.50	8.50	9.50	0.55	2.55	3.30	2.44	11.31	14.64	3.33	A	6.20	A++		
TRI (1x3)	2.0	2.0	2.0	2.0	2.00	2.00	2.00	—	3.00	6.00	9.50	0.55	1.85	3.50	2.44	8.21	15.50	2.73	A	6.70	A++		
	2.0	2.0	2.5	2.5	2.00	2.00	2.00	—	3.00	6.60	9.50	0.55	2.00	3.50	2.44	8.87	15.53	3.00	A	6.70	A++		
	2.0	2.0	3.5	3.5	2.00	2.00	2.00	—	3.00	7.60	9.50	0.55	2.30	3.50	2.44	10.20	15.53	3.30	A	6.70	A++		
	2.0	2.0	4.2	4.2	2.00	2.00	2.00	—	3.20	8.40	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.28	A	6.70	A++		
	2.0	2.0	5.0	5.0	1.85	1.85	2.00	—	3.20	8.50	9.50	0.55	2.57	3.50	2.44	11.40	15.53	3.31	A	6.70	A++		
	2.0	2.0	7.1	7.1	1.62	1.62	2.00	—	3.20	8.50	9.50	0.55	2.57	3.50	2.44	11.40	15.53	3.31	A	6.70	A++		
	2.0	2.5	2.5	2.5	2.00	2.00	2.00	—	3.20	7.20	9.50	0.55	2.55	3.20	2.44	11.31	14.64	3.33	A	6.70	A++		
	2.0	2.5	3.5	3.5	2.00	2.00	2.00	—	3.20	8.20	9.50	0.55	2.55	3.20	2.44	11.50	14.64	3.32	A	6.70	A++		
	2.0	2.5	4.2	4.2	1.89																		

# Match Table

## 5U90S2SS5FA Combination and the data

### COOLING

Comb.	Combinations					Rated capacity Output/kW (Nom. cooling)					Total cooling capacity(kW)			Total power input(kW)			Total current(A)@230V			EER (W/W)	ENERGY (W/W)	SEER	ENERGY LABEL
	UnitA	UnitB	UnitC	UnitD	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	LABEL			
1x1	2.0	—	—	—	—	2.00	—	—	—	—	0.80	2.00	2.80	0.55	0.76	1.30	2.44	3.37	5.77	—	—	—	—
	2.5	—	—	—	—	2.60	—	—	—	—	0.80	2.60	3.90	0.55	0.98	1.34	2.44	4.35	5.93	—	—	—	—
	3.5	—	—	—	—	3.60	—	—	—	—	1.00	3.60	5.30	0.55	1.35	1.50	2.44	5.99	6.65	—	—	—	—
	4.2	—	—	—	—	4.40	—	—	—	—	1.30	4.40	5.00	0.55	1.59	1.90	2.44	7.05	8.43	—	—	—	—
	5.0	—	—	—	—	5.20	—	—	—	—	1.40	5.20	7.00	0.55	1.86	1.90	2.44	8.25	8.43	—	—	—	—
	7.1	—	—	—	—	6.50	—	—	—	—	1.50	6.50	7.40	0.55	2.25	3.00	2.44	9.98	13.31	—	—	—	—
	2.0	2.0	—	—	—	2.00	2.00	—	—	—	2.50	4.00	5.60	0.55	1.50	3.60	2.44	6.65	15.97	—	—	—	—
	2.0	2.5	—	—	—	2.00	2.60	—	—	—	2.50	4.60	6.70	0.55	1.67	3.60	2.44	7.41	15.97	2.75	D	6.20	A++
	2.0	3.5	—	—	—	2.00	3.60	—	—	—	2.50	5.60	8.10	0.55	2.03	3.60	2.44	9.01	15.97	2.76	D	6.20	A++
	2.0	4.2	—	—	—	2.00	4.40	—	—	—	2.50	6.40	7.80	0.55	2.30	3.60	2.44	10.20	15.97	2.78	D	6.20	A++
BI(1x2)	2.0	5.0	—	—	—	2.00	5.20	—	—	—	2.50	7.20	9.30	0.55	2.58	3.60	2.44	11.45	15.97	2.79	D	6.20	A++
	2.0	7.1	—	—	—	2.00	6.50	—	—	—	2.50	8.50	9.30	0.55	2.95	3.60	2.44	13.09	15.97	2.88	C	6.20	A++
	2.5	2.5	—	—	—	2.60	2.60	—	—	—	2.50	5.20	7.80	0.55	1.89	3.60	2.44	8.39	15.97	2.75	D	6.20	A++
	2.5	3.5	—	—	—	2.60	3.60	—	—	—	2.50	6.20	9.10	0.55	2.23	3.60	2.44	9.89	15.97	2.78	D	6.20	A++
	2.5	4.2	—	—	—	2.60	4.40	—	—	—	2.50	7.00	9.30	0.55	2.51	3.60	2.44	11.14	15.97	2.79	D	6.20	A++
	2.5	5.0	—	—	—	2.60	5.20	—	—	—	2.50	7.80	9.30	0.55	2.79	3.60	2.44	12.38	15.97	2.80	D	6.20	A++
	2.5	7.1	—	—	—	2.57	6.43	—	—	—	2.50	9.00	9.30	0.55	2.99	3.60	2.44	13.27	15.97	3.01	B	6.20	A++
	3.5	3.5	—	—	—	3.60	3.60	—	—	—	2.50	7.20	9.30	0.55	2.41	3.60	2.44	10.69	15.97	2.99	C	6.20	A++
	3.5	4.2	—	—	—	3.60	4.40	—	—	—	2.50	8.00	9.30	0.55	2.68	3.60	2.44	11.89	15.97	2.99	C	6.20	A++
	3.5	5.0	—	—	—	3.60	5.20	—	—	—	2.50	8.80	10.00	0.55	2.91	3.60	2.44	12.91	15.97	3.02	B	6.20	A++
TRI (1x3)	3.5	7.1	—	—	—	3.21	5.79	—	—	—	2.50	9.00	11.00	0.55	3.02	3.60	2.44	13.40	15.97	2.98	C	6.20	A++
	4.2	4.2	—	—	—	4.40	4.40	—	—	—	2.50	8.80	10.00	0.55	2.83	3.60	2.44	12.56	15.97	3.11	B	6.20	A++
	4.2	5.0	—	—	—	4.13	4.88	—	—	—	2.50	9.00	10.50	0.55	2.89	3.60	2.44	12.82	15.97	3.11	B	6.20	A++
	4.2	7.1	—	—	—	3.63	5.37	—	—	—	2.50	9.00	11.00	0.55	2.96	3.60	2.44	13.13	15.97	3.04	B	6.20	A++
	5.0	5.0	—	—	—	4.50	4.50	—	—	—	2.50	9.00	11.00	0.55	3.01	3.60	2.44	13.35	15.97	2.99	C	6.20	A++
	5.0	7.1	—	—	—	4.00	5.00	—	—	—	2.50	9.00	11.00	0.55	3.15	3.60	2.44	13.98	15.97	2.86	C	6.20	A++
	7.1	7.1	—	—	—	4.50	4.50	—	—	—	2.50	9.00	11.00	0.55	3.15	3.60	2.44	13.98	15.97	2.86	C	6.20	A++
	2.0	2.0	2.0	—	—	2.00	2.00	—	—	—	3.00	6.00	9.50	0.55	2.05	3.80	2.44	9.09	16.86	2.93	C	6.70	A++
	2.0	2.0	2.5	—	—	2.00	2.00	2.60	—	—	3.00	6.60	9.50	0.55	2.21	3.80	2.44	9.80	16.86	2.99	C	6.70	A++
	2.0	2.0	3.5	—	—	2.00	2.00	3.60	—	—	3.00	7.60	9.50	0.55	2.38	3.80	2.44	10.56	16.86	3.19	B	6.70	A++
PENTA (1x5)	2.0	2.0	4.2	—	—	2.00	2.00	4.40	—	—	3.20	8.40	9.50	0.55	2.67	3.80	2.44	11.85	16.86	3.15	B	6.70	A++
	2.0	2.0	5.0	—	—	1.96	1.96	5.09	—	—	3.20	9.00	10.00	0.55	2.84	3.80	2.44	12.60	16.86	3.17	B	6.70	A++
	2.0	2.0	7.1	—	—	1.71	1.71	5.57	—	—	3.20	9.00	11.00	0.55	2.98	4.10	2.44	13.22	18.19	3.02	B	6.70	A++
	2.0	2.5	2.5	—	—	2.00	2.60	2.60	—	—	3.20	7.20	9.50	0.55	2.33	3.80	2.44	10.34	16.86	3.09	B	6.70	A++
	2.0	2.5	3.5	—	—	2.00	2.60	3.60	—	—	3.20	8.20	9.50	0.55	2								

# Match Table

## 5U90S2SS5FA Combination and the data

### HEATING

Comb.	Combinations					Rated capacity Output/kW (Nom. heating)					Total cooling capacity(kW)			Total power input(kW)			Total current(A)@230V			COP (W/W)			ENERGY (W/W) LABEL	SCOP ENERGY	ENERGY LABEL
	UnitA	UnitB	UnitC	UnitD	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data			
1x1	2.0	—	—	—	—	2.30	—	—	—	—	0.80	2.30	4.00	0.55	0.66	1.50	2.44	2.93	6.65	—	—	—	—	—	—
	2.5	—	—	—	—	3.60	—	—	—	—	0.80	3.60	6.00	0.55	1.03	1.40	2.44	4.57	6.21	—	—	—	—	—	—
	3.5	—	—	—	—	4.50	—	—	—	—	1.00	4.50	6.00	0.55	1.27	1.50	2.44	5.63	6.65	—	—	—	—	—	—
	4.2	—	—	—	—	5.40	—	—	—	—	1.50	5.40	6.00	0.55	1.50	1.90	2.44	6.65	8.43	—	—	—	—	—	—
	5.0	—	—	—	—	6.00	—	—	—	—	1.50	6.00	8.00	0.55	1.65	2.60	2.44	7.32	11.54	—	—	—	—	—	—
	7.1	—	—	—	—	7.00	—	—	—	—	1.50	7.00	8.60	0.55	1.90	2.60	2.44	8.43	11.54	—	—	—	—	—	—
	2.0	2.0	—	—	—	2.30	2.30	—	—	—	2.80	4.60	8.00	0.55	1.30	3.30	2.44	5.77	14.64	3.54	B	3.75	A	—	—
	2.0	2.5	—	—	—	2.30	3.60	—	—	—	3.00	5.90	10.00	0.55	1.66	3.30	2.44	7.36	14.64	3.55	B	3.75	A	—	—
	2.0	3.5	—	—	—	2.30	4.50	—	—	—	3.20	6.80	10.00	0.55	1.90	3.30	2.44	8.43	14.64	3.58	B	3.75	A	—	—
	2.0	4.2	—	—	—	2.30	5.40	—	—	—	3.40	7.70	10.00	0.55	2.15	3.30	2.44	9.54	14.64	3.58	B	3.80	A	—	—
BI(1x2)	2.0	5.0	—	—	—	2.30	6.00	—	—	—	3.80	8.30	11.50	0.55	2.29	3.30	2.44	10.16	14.64	3.62	A	3.80	A	—	—
	2.0	7.1	—	—	—	2.30	7.00	—	—	—	4.00	9.30	11.50	0.55	2.55	3.30	2.44	11.31	14.64	3.65	A	3.85	A	—	—
	2.5	2.5	—	—	—	3.60	3.60	—	—	—	3.40	7.20	10.50	0.55	2.02	3.30	2.44	8.96	14.64	3.56	B	3.85	A	—	—
	2.5	3.5	—	—	—	3.60	4.50	—	—	—	3.80	8.10	10.50	0.55	2.26	3.30	2.44	10.03	14.64	3.58	B	3.83	A	—	—
	2.5	4.2	—	—	—	3.60	5.40	—	—	—	4.00	9.00	10.50	0.55	2.50	3.30	2.44	11.09	14.64	3.60	B	3.87	A	—	—
	2.5	5.0	—	—	—	3.60	6.00	—	—	—	4.40	9.60	10.50	0.55	2.64	3.30	2.44	11.71	14.64	3.64	A	3.85	A	—	—
	2.5	7.1	—	—	—	3.53	6.87	—	—	—	4.40	10.40	11.00	0.55	2.85	3.30	2.44	12.64	14.64	3.65	A	3.84	A	—	—
	3.5	3.5	—	—	—	4.50	4.50	—	—	—	4.00	9.00	10.50	0.55	2.50	3.30	2.44	11.09	14.64	3.60	B	3.86	A	—	—
	3.5	4.2	—	—	—	4.50	5.40	—	—	—	4.40	9.90	10.50	0.55	2.74	3.30	2.44	12.16	14.64	3.61	A	3.82	A	—	—
	3.5	5.0	—	—	—	4.46	5.94	—	—	—	4.40	10.40	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.61	A	3.80	A	—	—
TRI (1x3)	3.5	7.1	—	—	—	4.07	6.33	—	—	—	4.40	10.40	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.61	A	3.84	A	—	—
	4.2	4.2	—	—	—	5.20	5.20	—	—	—	4.40	10.40	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.61	A	3.86	A	—	—
	4.2	5.0	—	—	—	4.93	5.47	—	—	—	4.40	10.40	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.61	A	3.83	A	—	—
	4.2	7.1	—	—	—	4.53	5.87	—	—	—	4.40	10.40	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.61	A	3.86	A	—	—
	5.0	5.0	—	—	—	5.20	5.20	—	—	—	4.40	10.40	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.61	A	3.80	A	—	—
	5.0	7.1	—	—	—	4.80	5.60	—	—	—	4.40	10.40	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.61	A	3.87	A	—	—
	7.1	7.1	—	—	—	5.20	5.20	—	—	—	4.40	10.40	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.61	A	3.87	A	—	—
	2.0	2.0	—	—	—	2.30	2.30	2.30	—	—	3.80	6.90	11.50	0.55	1.93	3.40	2.44	8.56	15.08	3.58	B	3.80	A	—	—
	2.0	2.5	—	—	—	2.30	2.30	3.60	—	—	4.00	8.20	11.50	0.55	2.28	3.40	2.44	10.12	15.08	3.60	B	3.80	A	—	—
	2.0	2.0	3.5	—	—	2.30	2.30	4.50	—	—	4.20	9.10	11.50	0.55	2.50	3.40	2.44	11.09	15.08	3.64	A	3.80	A	—	—
PENTA (1x5)	2.0	2.0	4.2	—	—	2.30	2.30	5.40	—	—	4.40	10.00	11.50	0.55	2.73	3.40	2.44	12.11	15.08	3.66	A	3.80	A	—	—
	2.0	2.0	5																						

# Match Table

## 5U105S2SS5FA Combination and the data

COOLING

Comb.	Combinations					Rated capacity Output/kW (Nom. cooling)					Total cooling capacity(kW)			Total power input(kW)			Total current(A)@230V			EER (W/W)	ENERGY (W/W)	SEER	ENERGY
	UnitA	UnitB	UnitC	UnitD	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	LABEL	(W/W)	LABEL	LABEL
1x1	2.0	—	—	—	—	2.00	—	—	—	—	0.80	2.00	2.80	0.55	0.76	1.30	2.44	3.37	5.77	—	—	—	—
	2.5	—	—	—	—	2.60	—	—	—	—	0.80	2.60	3.90	0.55	0.98	1.34	2.44	4.35	5.93	—	—	—	—
	3.5	—	—	—	—	3.60	—	—	—	—	1.00	3.60	5.30	0.55	1.35	1.50	2.44	5.99	6.65	—	—	—	—
	4.2	—	—	—	—	4.40	—	—	—	—	1.30	4.40	5.00	0.55	1.59	1.90	2.44	7.05	8.43	—	—	—	—
	5.0	—	—	—	—	5.20	—	—	—	—	1.40	5.20	7.00	0.55	1.86	1.90	2.44	8.25	8.43	—	—	—	—
	7.1	—	—	—	—	6.50	—	—	—	—	1.50	6.50	7.40	0.55	2.25	3.00	2.44	9.98	13.31	—	—	—	—
	2.0	2.0	—	—	—	2.00	2.00	—	—	—	2.50	4.00	5.60	0.55	1.50	3.60	2.44	6.65	15.97	—	—	—	—
	2.0	2.5	—	—	—	2.00	2.60	—	—	—	2.50	4.60	6.70	0.55	1.67	3.60	2.44	7.41	15.97	2.75	D	6.20	A++
	2.0	3.5	—	—	—	2.00	3.60	—	—	—	2.50	5.60	8.10	0.55	2.03	3.60	2.44	9.01	15.97	2.76	D	6.20	A++
	2.0	4.2	—	—	—	2.00	4.40	—	—	—	2.50	6.40	7.80	0.55	2.30	3.60	2.44	10.20	15.97	2.78	D	6.20	A++
BI(1x2)	2.0	5.0	—	—	—	2.00	5.20	—	—	—	2.50	7.20	9.30	0.55	2.58	3.60	2.44	11.45	15.97	2.79	D	6.20	A++
	2.0	7.1	—	—	—	2.00	6.50	—	—	—	2.50	8.50	9.30	0.55	3.02	3.60	2.44	13.40	15.97	2.81	C	6.20	A++
	2.5	2.5	—	—	—	2.60	2.60	—	—	—	2.50	5.20	7.80	0.55	1.90	3.60	2.44	8.43	15.97	2.74	D	6.20	A++
	2.5	3.5	—	—	—	2.60	3.60	—	—	—	2.50	6.20	9.10	0.55	2.24	3.60	2.44	9.94	15.97	2.77	D	6.20	A++
	2.5	4.2	—	—	—	2.60	4.40	—	—	—	2.50	7.00	9.30	0.55	2.52	3.60	2.44	11.18	15.97	2.78	D	6.20	A++
	2.5	5.0	—	—	—	2.60	5.20	—	—	—	2.50	7.80	9.30	0.55	2.79	3.60	2.44	12.38	15.97	2.80	D	6.20	A++
	2.5	7.1	—	—	—	2.60	6.50	—	—	—	2.50	9.10	9.30	0.55	3.17	3.60	2.44	14.06	15.97	2.87	C	6.20	A++
	3.5	3.5	—	—	—	3.60	3.60	—	—	—	2.50	7.20	9.30	0.55	2.58	3.60	2.44	11.45	15.97	2.79	D	6.20	A++
	3.5	4.2	—	—	—	3.60	4.40	—	—	—	2.50	8.00	9.30	0.55	2.85	3.60	2.44	12.64	15.97	2.81	C	6.20	A++
	3.5	5.0	—	—	—	3.60	5.20	—	—	—	2.50	8.80	10.00	0.55	3.10	3.60	2.44	13.75	15.97	2.84	C	6.20	A++
QUADRI (1x4)	3.5	7.1	—	—	—	3.56	6.44	—	—	—	2.50	10.00	11.00	0.55	3.48	3.60	2.44	15.44	15.97	2.87	C	6.20	A++
	4.2	4.2	—	—	—	4.40	4.40	—	—	—	2.50	8.80	10.00	0.55	3.09	3.60	2.44	13.71	15.97	2.85	C	6.20	A++
	4.2	5.0	—	—	—	4.40	5.20	—	—	—	2.50	9.60	10.50	0.55	3.38	3.60	2.44	15.00	15.97	2.84	C	6.20	A++
	4.2	7.1	—	—	—	4.04	5.96	—	—	—	2.50	10.00	11.00	0.55	3.47	3.60	2.44	15.39	15.97	2.88	C	6.20	A++
	5.0	5.0	—	—	—	5.00	5.00	—	—	—	2.50	10.00	11.00	0.55	3.50	3.60	2.44	15.53	15.97	2.86	C	6.20	A++
	5.0	7.1	—	—	—	4.44	5.56	—	—	—	2.50	9.00	11.00	0.55	3.50	3.60	2.44	15.53	15.97	2.57	E	6.20	A++
	7.1	7.1	—	—	—	5.00	5.00	—	—	—	2.50	10.00	11.00	0.55	3.45	3.60	2.44	15.31	15.97	2.90	C	6.20	A++
	2.0	2.0	2.0	—	—	2.00	2.00	2.00	—	—	3.00	6.00	9.50	0.55	2.20	3.80	2.44	9.76	16.86	2.73	D	6.70	A++
	2.0	2.5	2.5	—	—	2.00	2.00	2.60	—	—	3.00	6.60	9.50	0.55	2.40	3.80	2.44	10.65	16.86	2.75	D	6.70	A++
	2.0	2.0	3.5	—	—	2.00	2.00	3.60	—	—	3.00	7.60	9.50	0.55	2.75	3.80	2.44	12.20	16.86	2.76	D	6.70	A++
TRI (1x3)	2.0	2.0	4.2	—	—	2.00	2.00	4.40	—	—	3.20	8.40	9.50	0.55	3.00	3.80	2.44	13.31	16.86	2.80	C	6.70	A++
	2.0	2.0	5.0	—	—	2.00	2.00	5.20	—	—	3.20	9.20	10.00	0.55	3.20	3.80	2.44	14.20	16.86	2.88	C	6.70	A++
	2.0	2.0	7.1	—	—	1.90	1.90	6.19	—	—	3.20	10.00	11.00	0.55	3.45	4.10	2.44	15.31	16.86	2.90	C	6.70	A++
	2.0	2.5	2.5	—	—	2.00	2.60	2.60	—	—	3.20	7.20	9.50	0.55	2.60	3.80	2.44	11.54	16.86	2.77	D	6.70	A++
	2.0	2.5	3.5	—	—	2.00	2.60	3.60	—	—	3.20												

# Match Table

## 5U105S2SS5FA Combination and the data

### HEATING

Comb.	Combinations					Rated capacity Output/kW (Nom. heating)				Total cooling capacity(kW)			Total power input(kW)			Total current(A)@230V		COP (W/W)	ENERGY LABEL	SCOP	ENERGY LABEL		
	UnitA	UnitB	UnitC	UnitD	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Label						
1x1	2.0	—	—	—	—	2.30	—	—	—	—	0.80	2.30	4.00	0.55	0.66	1.50	2.44	2.93	6.65	—	—	—	
	2.5	—	—	—	—	3.60	—	—	—	—	0.80	3.60	6.00	0.55	1.03	1.40	2.44	4.57	6.21	—	—	—	
	3.5	—	—	—	—	4.50	—	—	—	—	1.00	4.50	6.00	0.55	1.27	1.50	2.44	5.63	6.65	—	—	—	
	4.2	—	—	—	—	5.40	—	—	—	—	1.50	5.40	6.00	0.55	1.50	1.90	2.44	6.65	8.43	—	—	—	
	5.0	—	—	—	—	6.00	—	—	—	—	1.50	6.00	8.00	0.55	1.65	2.60	2.44	7.32	11.54	—	—	—	
	7.1	—	—	—	—	7.00	—	—	—	—	1.50	7.00	8.60	0.55	1.90	2.60	2.44	8.43	11.54	—	—	—	
	2.0	2.0	—	—	—	2.30	2.30	—	—	—	2.80	4.60	8.00	0.55	1.30	3.30	2.44	5.77	14.64	3.54	B	3.75	A
	2.0	2.5	—	—	—	2.30	3.60	—	—	—	3.00	5.90	10.00	0.55	1.65	3.30	2.44	7.36	14.64	3.55	B	3.75	A
	2.0	3.5	—	—	—	2.30	4.50	—	—	—	3.20	6.80	10.00	0.55	1.90	3.30	2.44	8.43	14.64	3.58	B	3.75	A
	2.0	4.2	—	—	—	2.30	5.40	—	—	—	3.40	7.70	10.00	0.55	2.15	3.30	2.44	9.54	14.64	3.58	B	3.80	A
BI(1x2)	2.0	5.0	—	—	—	2.30	6.00	—	—	—	3.80	8.30	11.50	0.55	2.29	3.30	2.44	10.16	14.64	3.62	A	3.80	A
	2.0	7.1	—	—	—	2.30	7.00	—	—	—	4.00	9.30	11.50	0.55	2.55	3.30	2.44	11.31	14.64	3.65	A	3.85	A
	2.5	2.5	—	—	—	3.60	3.60	—	—	—	3.40	7.20	10.50	0.55	2.02	3.30	2.44	8.96	14.64	3.56	B	3.85	A
	2.5	3.5	—	—	—	3.60	4.50	—	—	—	3.80	8.10	10.50	0.55	2.26	3.30	2.44	10.03	14.64	3.58	B	3.83	A
	2.5	4.2	—	—	—	3.60	5.40	—	—	—	4.00	9.00	10.50	0.55	2.50	3.30	2.44	11.09	14.64	3.60	B	3.87	A
	2.5	5.0	—	—	—	3.60	6.00	—	—	—	4.40	9.60	10.50	0.55	2.64	3.30	2.44	11.71	14.64	3.64	A	3.85	A
	2.5	7.1	—	—	—	3.57	6.93	—	—	—	4.40	10.50	11.00	0.55	2.85	3.30	2.44	12.64	14.64	3.68	A	3.84	A
	3.5	3.5	—	—	—	4.50	4.50	—	—	—	4.00	9.00	10.50	0.55	2.50	3.30	2.44	11.09	14.64	3.60	B	3.86	A
	3.5	4.2	—	—	—	4.50	5.40	—	—	—	4.40	9.90	10.50	0.55	2.74	3.30	2.44	12.16	14.64	3.61	A	3.82	A
	3.5	5.0	—	—	—	4.50	6.00	—	—	—	4.40	10.50	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.65	A	3.80	A
TRI (1x3)	3.5	7.1	—	—	—	4.11	6.39	—	—	—	4.40	10.50	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.65	A	3.84	A
	4.2	4.2	—	—	—	5.25	5.25	—	—	—	4.40	10.50	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.65	A	3.86	A
	4.2	5.0	—	—	—	4.97	5.53	—	—	—	4.40	10.50	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.65	A	3.83	A
	4.2	7.1	—	—	—	4.57	5.93	—	—	—	4.40	10.50	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.65	A	3.86	A
	5.0	5.0	—	—	—	5.25	5.25	—	—	—	4.40	10.50	11.50	0.55	2.91	3.30	2.44	12.91	14.64	3.61	A	3.80	A
	5.0	7.1	—	—	—	4.85	5.65	—	—	—	4.40	9.50	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.30	C	3.87	A
	7.1	7.1	—	—	—	5.25	5.25	—	—	—	4.40	10.50	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.65	A	3.85	A
	2.0	2.0	2.0	—	—	2.30	2.30	2.30	—	—	3.80	6.90	11.50	0.55	1.93	3.40	2.44	8.56	15.08	3.58	B	3.80	A
	2.0	2.0	2.5	—	—	2.30	2.30	3.60	—	—	4.00	8.20	11.50	0.55	2.28	3.40	2.44	10.12	15.08	3.60	B	3.80	A
	2.0	2.0	3.5	—	—	2.30	2.30	4.50	—	—	4.20	9.10	11.50	0.55	2.50	3.40	2.44	11.09	15.08	3.64	A	3.80	A
PENTA (1x5)	2.0	2.0	4.2	—	—	2.30	2.30	5.40	—	—	4.40	10.00	11.50	0.55	2.73	3.40	2.44	12.11	15.08	3.66	A	3.80	A
	2.0	2.0	5.0	—	—	2.28	2.28	5.94	—	—	4.40	10.50	11.50	0.55	2.88	3.40	2.44	12.78	15.08	3.65	A	3.80	A
	2.0	2.0	7.1	—	—	2.08	2.08	6.34	—	—	4.40	10.50	11.50	0.55	2.88	3.40	2.44	12.78	15.08	3.65	A	3.80	A
	2.0	2.5	2.5	—	—	2.30	3.60	3.60	—	—	4.40	9.50	11.50	0.55	2.63	3.40	2.44	11.67	15.08	3.61	A	3.80	A
	2.0	2.5	3.5	—	—	2.30	3.60	4.50	—	—	4.40	10.40	11.50	0.55	2.88	3.40	2.4						

# R410A SUPER MATCH IDUS

**121** Compact Cassette  
**123** Round-way Cassette  
**127** Medium ESP Duct

**129** Medium ESP Duct(100Pa)  
**131** High ESP Duct(150Pa)  
**133** High ESP Duct(210Pa)

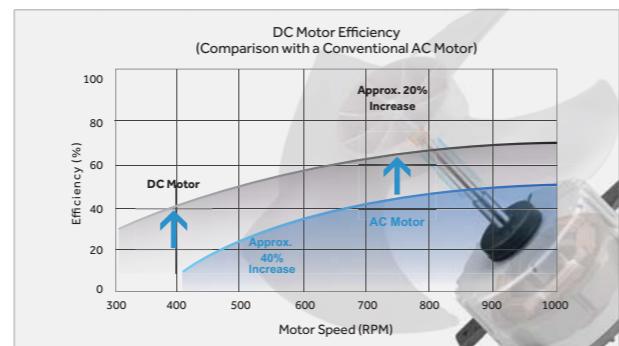




## Energy Saving

### DC Fan Motor

Comparing with conventional AC fan motor, and DC fan motor is more efficiency. Motor power input reduced 50% than that with the same power output.



## Comfortable



### ① "Spiral" Panel

"Spiral" concept, "Haier" image.

### ② Flap is Closed When Air Conditioner Off

There is no crack from the flap and the panel when the air conditioner off. More elegance.

### Individual Flap Control

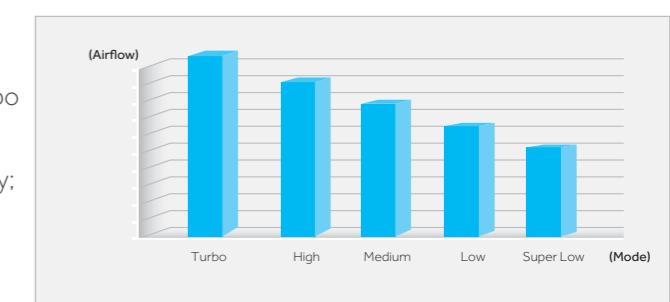
The four flaps can be controlled individually according to end users by controller, providing maximum comfort throughout the room, it is a good solution to avoid "air conditioning disease".



### 5-speed Airflow

There are 5-speed airflow: super low/low/medium/high/Turbo mode to choose.

Turbo mode with super high speed for cooling/heating rapidly; (15 minutes return to high speed to lower the sound level).



## Convenient

### 620mm\*620mm Panel

The new 620mm\*620mm panel is very fit for the standard decoration panel, and without covering other things, such as light.



### Easy-access Electrical Box Design

The electrical box is located in the unit, and you can just make maintenance by opening the panel, without opening the ceiling.

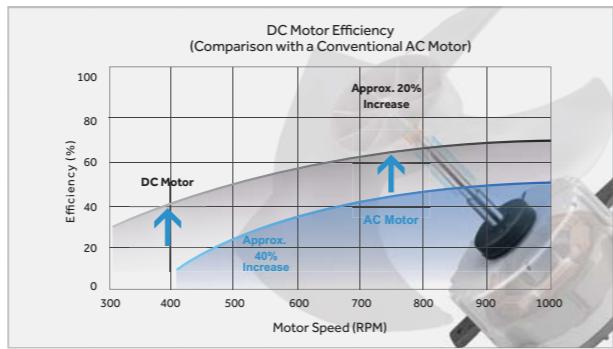




## Energy Saving

### DC Fan Motor

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



## Energy Saving

### New Heat Exchanger Design

The area of exchanger is enlarge to increase heating efficiency.



## Comfortable



### ② | Hidden LCD Display

The 360°smart flow cassette have particular hidden LCD display design. Green display for cooling red display for heating, it is very easy identified by opening mode.

### ① | "Spiral" Panel

"Spiral" concept, "Haier" image.

### ③ | Flap is Closed When Air Conditioner Off

There is no crack from the flap and the panel when the air conditioner off. More elegance.

## Fan Speed Programme

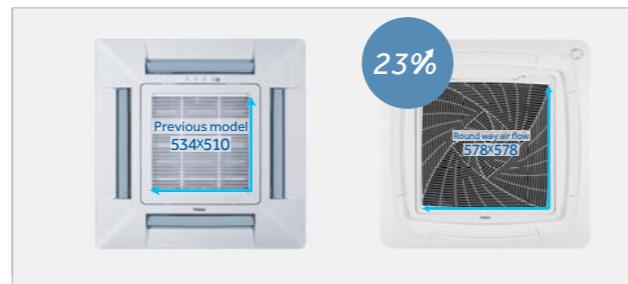
Besides 3 normal speeds, we set one extra least fan speed, totally 4 speeds. Sound level reduce 3dB(A) extra.



## Comfortable

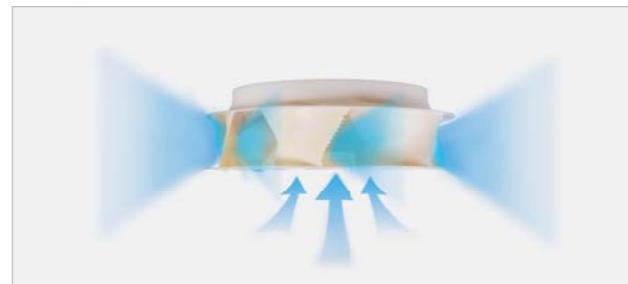
### Super Big Inlet Grille

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



### Brand-new Designed Fan

The diameter of new fan is enlarged based on aerodynamic theory, so that there is the least resistance against airflow. Reduce 3dB(A) for sound level.



### Individual Flap Control

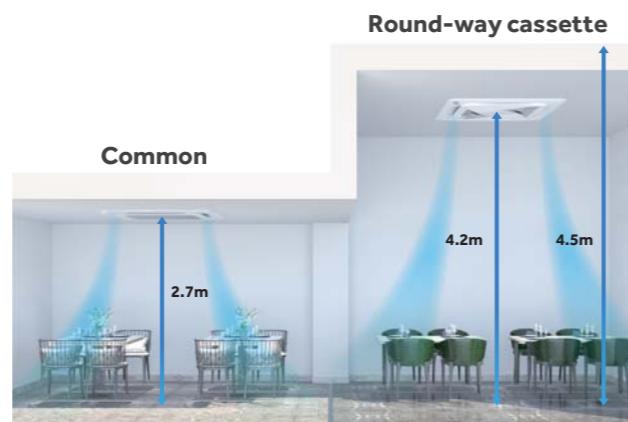
The four flaps can be controlled individually according to end users by controller, providing maximum comfort throughout the room, it is a good solution to avoid "air conditioning disease".



### High Ceiling Mode

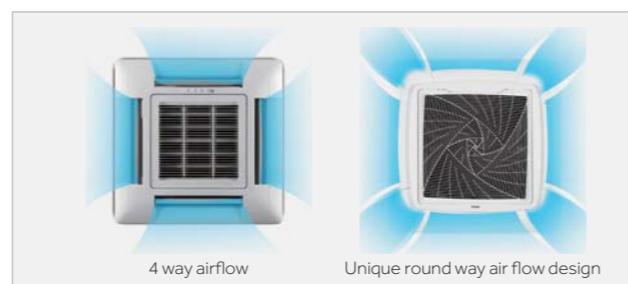
Lots of shops are 5 meters high ceiling. This model can be installed in 4.5 metres height. The best solution for high ceiling shop.

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



### Round Way Air Supply

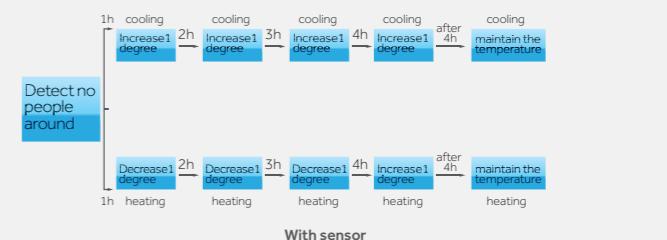
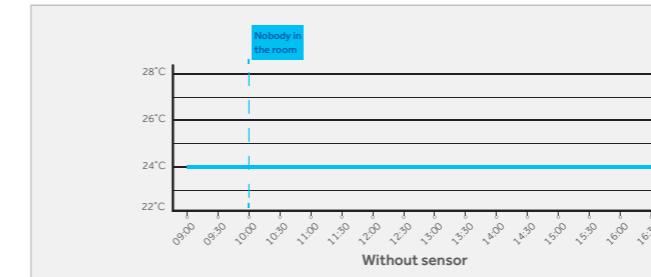
Round way air supply without blind spot.



## Smart

### 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).



### Intelligent Sensor (Optional)



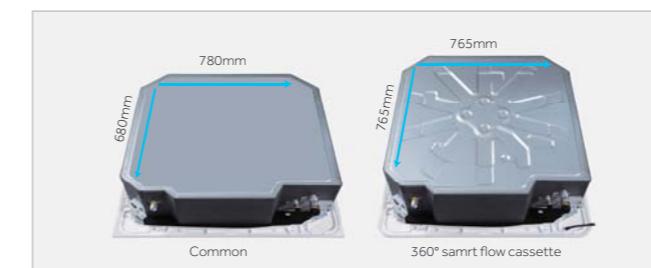
Switch-on when people coming in;  
Switch-off when people leaving.



## Convenient

### 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 1 screw.



### High Lift-up Drain Pump

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



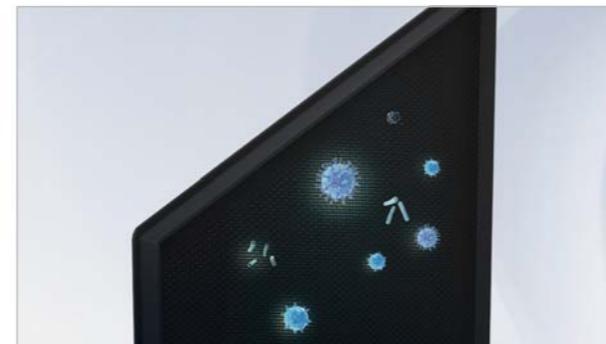
# MEDIUM ESP DUCT

## Healthy

### Antibacterial Filter

Silver (Ag) is a natural antibacterial material, which has good broad-spectrum antibacterial properties and could motivate bacterial extinction.

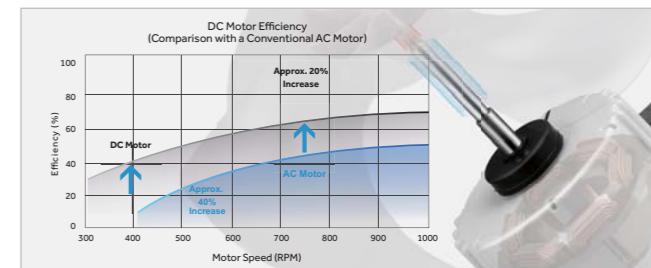
Haier antibacterial filter has added silver ions and antibacterial organics to kill Escherichia coli & Staphylococcus aureus effectively, with long lasting effects.



## Energy Saving

### DC Fan Motor

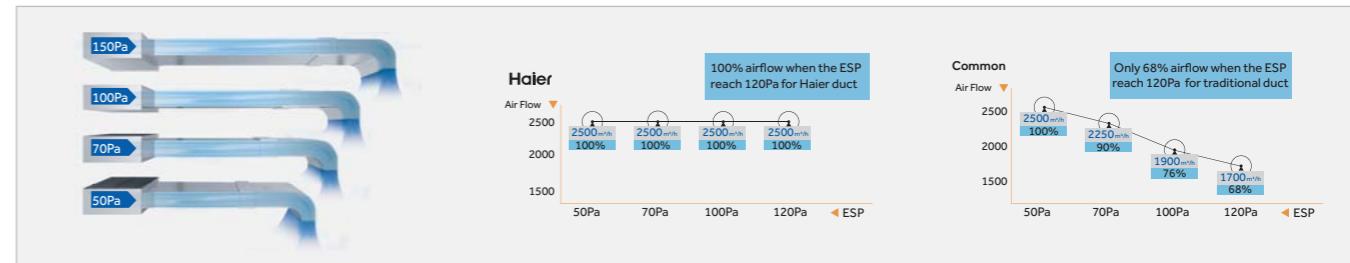
Haier duct adopts DC fan motor, compared to conventional AC fan motor, DC fan motor is more efficiency.



## Comfortable

### Consistent Airflow

The indoor units contain up to 3 fans which can provide consistent airflow in different pressure enhancing the comfort.



## Convenient

### Wiring Optimization

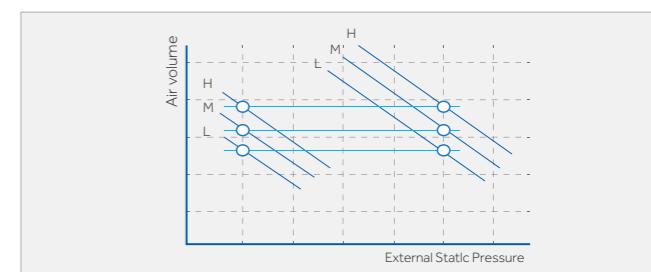
∠ 45° angle humanized design

Just use screw driver to take down two screws with tilting angle, installer will have best experience in wiring work.



### Adjusted Pressure by Wired Controller

We takes DC fan motor design, external static pressure can be adjusted by wired controller, so installer don't need to climb the ladders to adjust pressure.



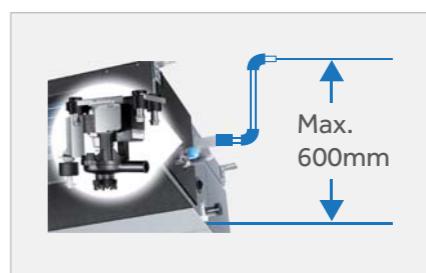
### Super Slim

248mm of thickness for better installation application flexibility(for 7.1kW-16kW).



### High Lift-up Drain Pump

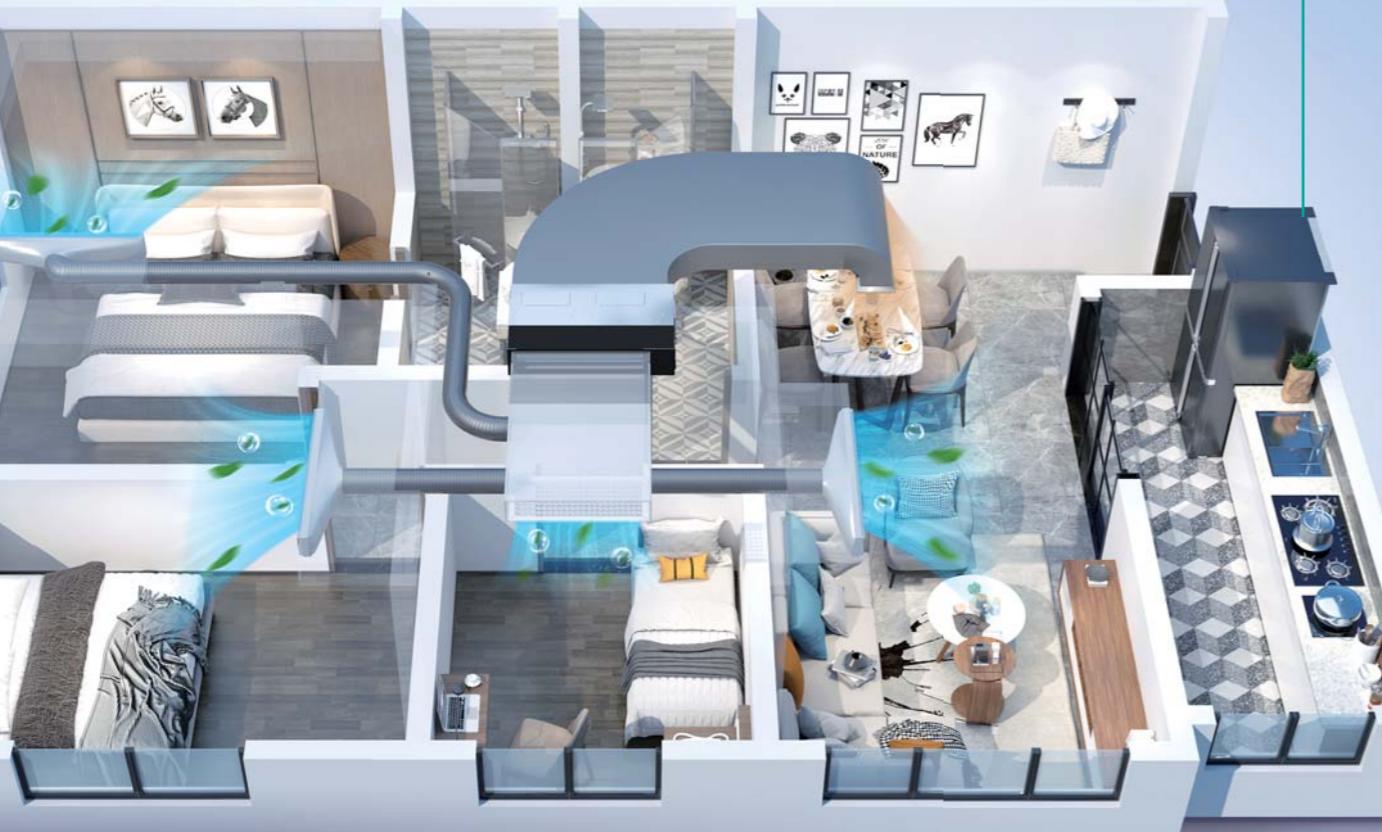
It can lift condensed water up to 600mm, which make installation more flexible according to the layout.



### Return Air Choices

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





## MEDIUM ESP DUCT (100Pa)

### Healthy

#### 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

#### External Static Pressure: 100Pa

The external static pressure can reach 100Pa, give the designer possibility to design some duct.



### Convenient

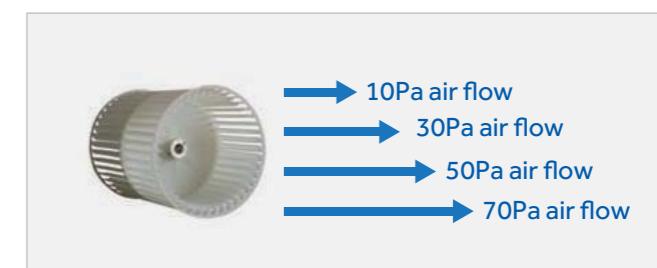
#### Built in Drain Pump

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.



#### Four Steps Pressure Choice

The external static pressure can be selected in four steps with 10/30/50/70Pa to suit different ductwork length.



#### Return Air Choices

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



#### Wiring Optimization

$\angle 45^\circ$  angle humanized design

Just use screw driver to take down two screws with tilting angle, installer will have best experience in wiring work.





## 🔧 Convenient

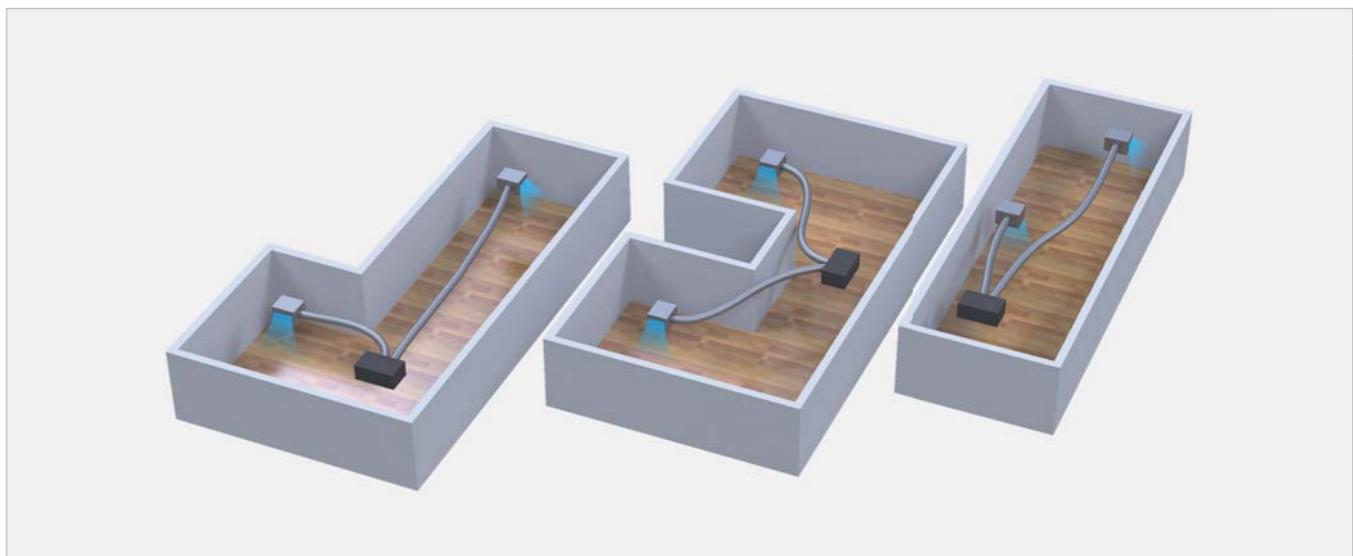
### External Static Pressure: 150Pa

The external static pressure can reach 150Pa, give the designer possibility to design some duct.



### Free Setting of Air Discharge Duct

The number of the airflow outlet and its installation position can be freely selected according to the surrounding of the room, sufficiently considering the load of the room and the uniform temp. of the room to realize more perfect comfort.



# HIGH ESP DUCT (210Pa)

## Energy Saving

### Super High Airflow

New DC fan motor and large length & diameter fan design, provide the 2880 m<sup>3</sup>/h (800l/s) above air flow with 250m<sup>3</sup>/h/kW (70L/s/kW), which is 44% more than medium pressure duct unit.

Capacity	Medium pressure duct airflow(m <sup>3</sup> /h)	High pressure duct airflow(m <sup>3</sup> /h)	Promotion
10.0kW	2000	2880	44%
12.5kW	2250	3250	44%
14.0kW	2500	3600	44%

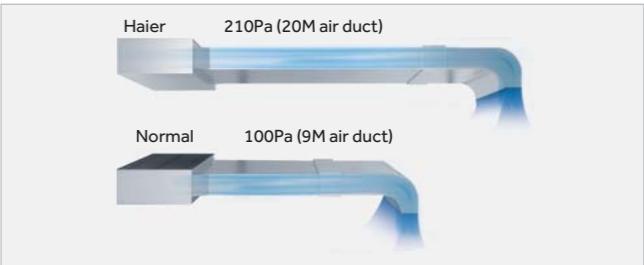
### High Efficiency Design

We use DC fan motor and wide fin more rows heat exchanger, which can provide EER >3.4 for all highpressure duct combinations.

## Convenient

### 210Pa Pressure Setting

210Pa pressure give the design flexibility totally, it can meet difficulty duct requirement.



### Dedicated Place to Fix the WiFi

There are dedicated place to fix the WiFi, so installer can make easy work when fixing the WiFi.



### Compact Indoor Unit

The premium ducted split system has a small chassis. This small split type of indoor unit helps make it easy to install in narrow and small spaces\*.



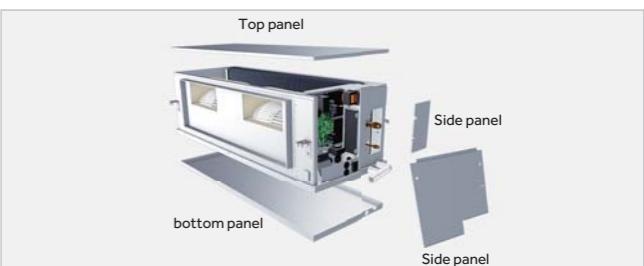
### 10 Step Adjusted Pressure

Pressure can be adjusted by wired controller YR-E16B / YR-E17A, installer don't need to install the static box, save installation time.



### Three Side Open the Panel

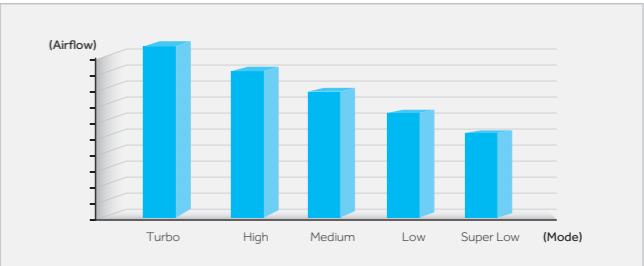
There are three side panel which can be opened for easy maintenance; Top panel and bottom panel can be opened to maintain the fan and motor; Electrical panel can be opened to maintain the electrical parts; Side panel can be opened to maintain the pipe sensor.

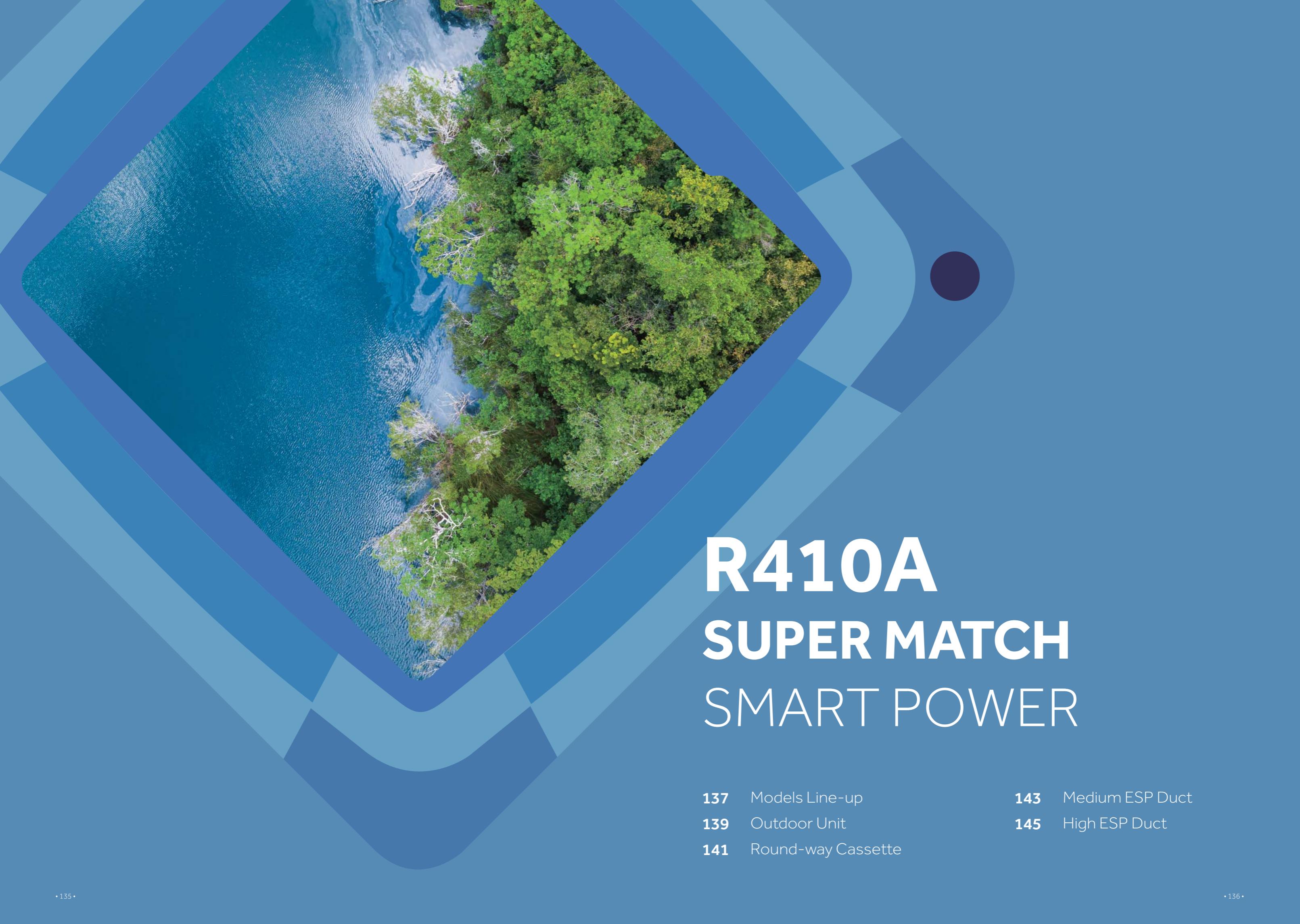


### Multi Air Speed for Comfort

There are 4 speed airflow: super low/low/medium/high to choose for comfort.

There are also turbo mode with super high speed for quick cooling/heating.





# R410A SUPER MATCH SMART POWER

**137** Models Line-up

**139** Outdoor Unit

**141** Round-way Cassette

**143** Medium ESP Duct

**145** High ESP Duct

# Models Line-up

## Smart Power



Type \ kW	kW	Optional Controller	7.1	9.0	10.5	12.5	14.0	16.0	20.0	25.0
Inverter Outdoor Unit 1/220/50/60 3/380/50/60							 1UH140P1ERG 1UH140P1ERK	 1UH160P1ERG	 1UH200W1ERK	 1UH250W1ERK
Round-way Cassette 1/220/50/60		YR-HQS01	 AB71S2SG1FA (840*840*204)	 ABH090H1ERG (840*840*246)	 ABH105H1ERG (840*840*246)	 ABH125K1ERG (840*840*288)	 ABH140K1ERG (840*840*288)			
Medium ESP Duct (150Pa) 1/220/50/60		YR-E17A								
High ESP Duct (210/300Pa) 1/220/50/60		YR-E17A								



## Energy Saving

### High Performance

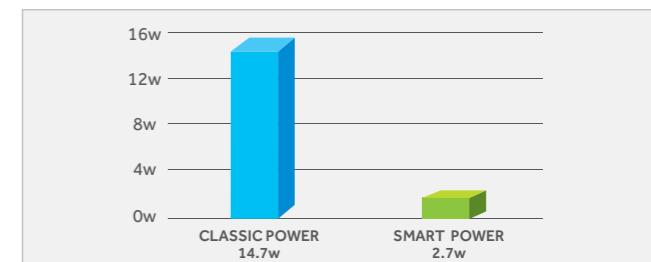
Smart power series get world class energy efficiency, meet the energy saving requirement for end user, eurovent standard.

COMBINATION	SEER / SCOP		EER / COP		
	7.1kW	9.0kW	10.0kW	12.5kW	14.0kW
	A++/A+	A++/A+	A++/A+	A/A	A/A
	A++/A+	A++/A+	A++/A+	A/A	A/A
			A/A	A/A	A/A

## Energy Saving

### Low Standby Power

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



### 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.



## Comfortable

### New Designed Air Flow System

47dB(A) low sound level thanks to new airflow system which combined by new 550mm big diameter fan and air outlet grill, which reduce air resistance.



## Convenient

### Built-in Valve Design

The new built-in valve design, it can realize 4 way pipe connection(front, rear, right, down), it is more beautiful and easy installation.



### Double Side 4 Handles

Because of double side 4 handles design, it is very easy for 2 peoples carry it.



### "888" Digital Test Panel

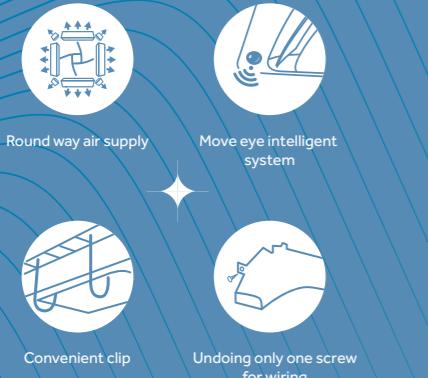
All running parameters & error code can be checked from "888" digital display, installer can make easy work.



# Round-way Cassette



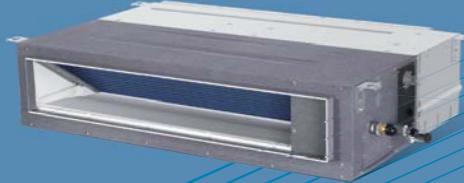
7.1 / 9.0 / 10.5 / 12.5 / 14.0kW



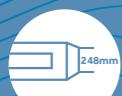
Model		Indoor unit	AB71S2SG1FA 1UH071N1ERG	ABH090H1ERG 1UH090N1ERG	ABH105H1ERG 1UH105N1ERG	ABH125K1ERG 1UH125P1ERG	ABH125K1ERG 1UH125P1ERK	ABH140K1ERG 1UH140P1ERG	ABH140K1ERG 1UH140P1ERK
Nominal performance data	Capacity	Cooling	Btu/h (nor) kW nor(min-max)	24200 7.1(2.0-8.0)	30700 9(2.5-10)	34100 10(2.5-11)	42600 12.5(3.5-14.5)	42600 12.5(3.5-14.5)	45700 13.1(3.5-15.5)
		Heating	Btu/h (nor) kW nor(min-max)	27300 8(2.0-9.0)	34450 10.1(2.5-11)	36150 10.6(2.5-11.3)	44700 13.1(4-17)	44700 13.1(4-17)	51150 15.0(4.0-18.0)
	Rated power input	Cooling	kW nom(min-max)	1.92(0.4-4.0)	2.56(0.5-4.4)	2.99(0.5-4.9)	3.66(1.0-6.0)	3.66(1.0-6.0)	4.05(2.0-6.5)
		Heating	kW nom(min-max)	2.0(0.4-4.0)	2.61(0.5-4.4)	2.79(0.5-4.9)	3.54(1.0-6.0)	3.54(1.0-6.0)	4.15(2.0-7.0)
	EER	w/w		3.21	3.52	3.34	3.41	3.41	3.31
	COP	w/w		3.71	3.87	3.8	3.7	3.7	3.61
	Cooling P design(35°C)	kW	7.1	9	10	12.5	12.5	13.1	13.4
	Heating P design(-10°C)	kW	6	8.1	8.2	10 *	10 *	11 *	11 *
Seasonal performance data	SEER/SCOP		6.3/4.2	6.3/4.1	6.8/4.1	6.1/4 *	6.1/4 *	6.1/4 *	6.1/4 *
	Energy class(Cooling/Heating)		A++/A+	A++/A+	A++/A+	/	/	/	/
	Annual energy consumption(Cooling)	kW	377	516	538	/	/	/	/
	Annual energy consumption(Heating)	kW	1899	2798	2900	/	/	/	/
	INDOOR UNIT								
Electrical	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
	Air flow(H/M/L)	m³/h	1260/1070/820/680		1470/1260/1050/940	1680/1530/1320/1190	1950/1600/1440/1200	1950/1600/1440/1200	1950/1600/1440/1200
Performance	Sound power level(H/M/L)	dB(A)	52		57	62	64	64	64
	Sound pressure level(H/M/L)	dB(A)	36/33/29/26		41/36/33/29	45/42/38/34	47/44/38/34	47/44/38/34	47/44/38/34
Installation	External dimensions(W/D/H)	mm	840/840/204		840/840/246	840/840/288	840/840/288	840/840/288	840/840/288
	Shipping dimensions(W/D/H)	mm	990/990/310		990/990/310	990/990/380	990/990/380	990/990/380	990/990/380
	Net/Shipping weight	kg	27/32		31/36	31/36	32/38	32/38	32/38
	Wireless Controller	optional	YR-HQS01		YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
	Wired Controller	optional	YR-E17A		YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
Panel	Panel Model		PB-950KB(standard panel) /PB-950MB(sensor panel)		PB-950KB(standard panel) /PB-950MB(sensor panel)				
	External dimensions(W/D/H)	mm	950/950/50		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	1000/1000/110
OUTDOOR UNIT	Net/Shipping weight	kg	6.5/9		6.5/9	6.5/9	6.5/9	6.5/9	6.5/9
	Elec.parameters	Power supply	Ph/V/Hz	1/220-240/50/60		1/220-240/50/60	3/380-415/50/60	1/220-240/50/60	3/380-415/50/60
Performance	Air flow (H)	m³/h	3200		3500	4000	6500	6500	7000
	Sound power level	dB(A)	66		67	68	69	69	70
Installation	Sound pressure level	dB(A)	49		51	52	52	53	53
	External dimensions(H/W/D)	mm	965/950/370		965/950/370	965/950/370	1350/950/370	1350/950/370	1350/950/370
	Shipping dimensions(H/W/D)	mm	1095/1050/450		1095/1050/450	1095/1050/450	1500/1090/480	1500/1090/480	1500/1090/480
	Net/Shipping weight	kg	80/92		80/92	82/94	105/118	108/121	105/118
	Compressor type		twin rotary		twin rotary				
Working temp.	Refrigerant type		R410A		R410A	R410A	R410A	R410A	R410A
	GWP		2088		2088	2088	2088	2088	2088
	Refrigerant liquid pipe	mm	9.52		9.52	9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	15.88		15.88	15.88	15.88	15.88	15.88
	Max pipe length	m	50		50	50	75	75	75
	Max drop between I.U.&O.U	m	30		30	30	30	30	30
	Refrigerant load in factory	kg	2.5		2.5	2.5	3.7	3.7	3.7
	Maximum pipe length without charge refrigerant	m	20		20	20	30	30	30
	Refrigerant charge quantity for extra length	g/m	45		45	45	45	45	45
	Cooling(Min-Max)	°C	-15-52		-15-52	-15-52	-15-52	-15-52	-15-52
	Heating(Min-Max)	°C	-20-24		-20-24	-20-24	-20-24	-20-24	-20-24

\* Data is pending:

# Medium ESP Duct



7.1 / 9.0 / 10.5 / 12.5 / 14.0kW



248mm slim design

Airzone control

**10**



10 steps pressure adjusted to  
suit different ductwork length      Built-in high head  
drain pump maxi. 1000mm



Model	Standard Indoor unit(drain pump included)			AD71S2SM3FA	AD90S2SM3FA			AD105S2SM3FA	AD125S2SM3FA			AD125S2SM4FA	AD140S2SM3FA	AD140S2SM4FA	
Optional Indoor unit(drain pump excluded)			AD71S2SM4FA	AD90S2SM4FA			AD105S2SM4FA	AD125S2SM4FA			AD125S2SM4FA	AD140S2SM4FA	AD140S2SM4FA	AD140S2SM4FA	
Outdoor unit			1UH071N1ERG	1UH090N1ERG			1UH105N2ERG	1UH125P1ERG			1UH125P1ERK	1UH140P1ERG			
Nominal performance data	Capacity	Cooling	Btu/h (nor)	24230	28466.1648			34100	42650			42650	45700		
			kW nor(min-max)	7.1(2.0-8.2)	8.3(2.5-10)			10(2.5-11)	12.5(3.5-15.0)			12.5(3.5-15.0)	13.4(3.5-16.0)		
	Heating		Btu/h (nor)	25600	32500			35500	47750			47750	52850		
			kW nor(min-max)	7.5(2.5-8.5)	9.5(2.5-11)			10.4(2.5-12)	14(4-18.0)			14(4-18.0)	15.5(4.0-19.0)		
	Rated power input	Cooling	kW nom(min-max)	2.29(0.6-3.0)	2.6(0.5-4.4)			2.93(0.5-4.5)	3.66(1.0-6.5)			3.66(1.0-6.5)	4.05(1.0-6.5)		
			kW nom(min-max)	2.16(0.6-3.0)	2.57(0.5-4.4)			2.80(0.5-4.5)	3.78(1.0-6.5)			3.78(1.0-6.5)	4.18(1.2-6.5)		
	EER			3.21	3.21			3.31	3.31			3.31	3.31		
	COP			3.71	3.71			3.71	3.7			3.7	3.7		
					7.1			7.1	10			12.5	12.5		
Seasonal performance data		Cooling P design(35°C)	kW	7.1	8.3			9.8	10			10	11		
		Heating P design(-10°C)	kW	5.2	6.1/4.2			6.1/4	6.1/3.8			6.1/3.8	6.0/3.8		
		SEER/SCOP		6/3.8	A+/A			A++/A+	/			/	/		
		Energy class(Cooling/Heating)													
		Annual energy consumption(Cooling)	kW	415	485			541	/			/	/		
		Annual energy consumption(Heating)	kW	2013	2256			3534	/			/	/		
<b>INDOOR UNIT</b>															
Performance	Electrical	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		
		Air flow(H/M/L)	m³/h	1440/1260/1100/900	1440/1260/1100/900			1600/1480/1360/1240	2250/1960/1680/1500			2250/1960/1680/1500	2500/2160/1780/1500		
		ESP	Pa	25/37(default)/50/70/90/ 100/110/120/130/150	25/37(default)/50/70/90/ 100/110/120/130/150			25/37(default)/50/70/90/ 100/110/120/130/150	25/37(default)/50/70/90/ 100/110/120/130/150			25/37(default)/50/70/90/ 100/110/120/130/150	25/37(default)/50/70/90/ 100/110/120/130/150		
		Sound power level(H/M/L)*	dB(A)	58	58			60	65			65	66		
		Sound pressure level(H/M/L)*	dB(A)	37/35/33/30	37/35/33/30			39/36/33/31	39/36/33/31			39/36/33/31	41/36/33/31		
Installation		External dimensions(W/D/H)	mm	1100/700/248	1100/700/248			1500/700/248	1500/700/248			1500/700/248	1500/700/248		
		Shipping dimensions(W/D/H)	mm	1270/860/340	1270/860/340			1710/870/330	1710/870/330			1710/870/330	1710/870/330		
		Net/Shipping weight	kg	30/36	38/44			42/52	52/62			52/62	52/62		
		Wired Controller	optional	YR-E17A	YR-E17A			YR-E17A	YR-E17A			YR-E17A	YR-E17A		
		Wireless Controller	optional	YR-HQS01	YR-HQS01			YR-HQS01	YR-HQS01			YR-HQS01	YR-HQS01		
<b>OUTDOOR UNIT</b>															
Performance	Elec. parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60			1/220-240/50/60	3/380-415/50/60			1/220-240/50/60	3/380-415/50/60		
		Air flow (H)	m³/h	3200	3500			4000	6500			6500	7000		
		Sound power level	dB(A)	66	67			68	69			69	70		
		Sound pressure level	dB(A)	49	51			52	52			52	53		
Installation		External dimensions(H/W/D)	mm	965/950/370	965/950/370			965/950/370	1350/9						

# High ESP Duct



10.5 / 12.5 / 14.0 / 16.0kW



20.0 / 25.0kW



0-300Pa  
300Pa



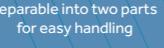
ESP up to 300Pa



ESP grade  
10  
1-10 grade



10 step ESP control



R410A SUPER MATCH SMART POWER

Model			Standard Indoor unit	ADH105H1ERG		ADH125H1ERG	ADH125H1ERG	ADH140H1ERG	ADH140H1ERG	ADH160H1ERG	ADH200H1ERG*	ADH250H1ERG*
			Outoor unit	1UH105N1ERG		1UH125P1ERG	1UH125P1ERK	1UH140P1ERG	1UH140P1ERK	1UH160P1ERG	1UH200W1ERK*	1UH250W1ERK*
Nominal performance data	Capacity	Cooling	Btu/h (nor)	35800		42650	42650	47750	47750	53000	69946	81800
		Heating	Btu/h (nor)	10.5(2.5-11.0)		12.5(3.5-15.0)	12.5(3.5-15.0)	14(3.5-15.0)	14(3.5-15.0)	15.5(3.5-17.5)	20.5(6.2-23.5)	24(7.2-26.5)
	Rated power input	Cooling	kW nom(min-max)	3.00(0.5-5.3)		3.57(1.0-6.5)	3.57(1.0-6.5)	4.11(2.0-7.2)	4.11(2.0-7.2)	4.83(2.0-7.2)	6.1(2.5-8.5)	7.47(3.5-9.5)
		Heating	kW nom(min-max)	3.10(0.5-5.3)		3.88(1.0-6.5)	3.88(1.0-6.5)	4.44(2.0-7.2)	4.44(2.0-7.2)	4.99(2.0-7.2)	6.0(2.5-8.5)	7.18(3.5-9.5)
	EER			3.5		3.5	3.5	3.4	3.4	3.21	3.36	3.21
	COP			3.7		3.61	3.61	3.61	3.61	3.61	3.8	3.73
Seasonal performance data	Cooling P design(35°C)	kW	10.5		12.5	12.5	14	14	15.5	20	24	
	Heating P design(-10°C)	kW	9*		10*	10*	12*	12*	13*	17.0	21	
	SEER/SCOP		6.3/4.2*		6.1/4*	1	6.1/4*	6.1/4*	6.1/4*	6.1/4*	6.1/4*	6.1/4*
	Energy class(Cooling/Heating)		A++/A+		/	/	/	/	/	/	/	/
	Annual energy consumption(Cooling)	kW	541*		/	/	/	/	/	/	/	
	Annual energy consumption(Heating)	kW	3534*		/	/	/	/	/	/	/	
<b>INDOOR UNIT</b>												
Electrical	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
	Air flow(H/M/L)	m³/h	2880/2380/1880/1380		3250/2750/2250/1750	3250/2750/2250/1750	3600/3100/2600/2100	3600/3100/2600/2100	4000/3400/2800/2200	4320/3780/3420/3060	5040/4500/3960/3600	
Performance	ESP	pa	800		903	903	1000	1000	1111	1200	1400	
	Sound power level(H/M/L)	dB(A)	37/50/70/90/110		37/50/70/90/110	37/50/70/90/110	37/50/70/90/110	37/50/70/90/110	37/50/70/90/110	40/72/100/120/150/	40/72/100/120/150/	
Installation	Sound pressure level(H/M/L)	dB(A)	/130/150/170/190/210		/130/150/170/190/210	/130/150/170/190/210	/130/150/170/190/210	/130/150/170/190/210	/130/150/170/190/210	180/210/230/250/300	180/210/230/250/300	
	External dimensions(W/D/H)	mm	59		61	61	63	64	67	68	69	
Installation	Shipping dimensions(W/D/H)	mm	1350/490/425		1350/490/425	1350/490/425	1350/490/425	1350/490/425	1350/490/425	1330/895/500	1330/895/500	
	Net/Shipping weight	kg	1565/724/510		1565/724/510	1565/724/510	1565/724/510	1565/724/510	1565/724/510	1510/1037/568	1510/1037/568	
OUTDOOR UNIT	Wired Controller	optional	YR-E17A		YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	
	Wireless Controller	optional	YR-HQS01		YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01	
OUTDOOR UNIT	Elec. parameters	Power supply	Ph/V/Hz	1/220-240/50/60		1/220-240/50/60	3/380-415/50/60	1/220-240/50/60	3/380-415/50/60	1/220-240/50/60	3/380-415/50/60	3/380-415/50/60
	Air flow (H)	m³/h	4000		6500	6500	7000	7000	7500	10400	10400	
Performance	Sound power level	dB(A)	66		67	69	70	70	73	75	75	
	Sound pressure level	dB(A)	49		51	52	53	53	57	58	58	
Installation	External dimensions(H/W/D)	mm	965/950/370		1350/950/370	1350/950/370	1350/950/370	1350/950/370	1350/950/370	1636/1050/400	1636/1050/400	
	Shipping dimensions(H/W/D)	mm	1095/1050/450		1500/1090/480	1500/1090/480	1500/1090/480	1500/1090/480	1500/1090/480	1795/1150/510	1795/1150/510	
Installation	Net/Shipping weight	kg	82/94		105/118	108/121	105/118	108/121	105/118	160/175	160/175	
	Compressor type		Rotary		Twin rotary	Twin rotary	Twin rotary					
Installation	Refrigerant type		R410A		R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	GWP		2088		2088	2088	2088	2088	2088	2088	2088	
Working temp.	Refrigerant liquid pipe	mm	9.52		9.52	9.52	9.52	9.52	9.52	12.7	12.7	
	Refrigerant gas pipe	mm	15.88		15.88	15.88	15.88	15.88	15.88	19.1	22.2	
Working temp.	Max pipe length	m	50		75	75	75	75	75	75	75	
	Max drop between I.U.&O.U	m	30		30	30	30	30	30	30	30	
Working temp.	Refrigerant load in factory	kg	2.5		3.7	3.7	3.7	3.7	3.7	6.1	6.1	
	Maximum pipe length without charge refrigerant	m	20		30	30	30	30	30	30	30	
Working temp.	Refrigerant charge quantity for extra length	g/m	45		45	45	45	45	45	45	45	
	Cooling(Min-Max)	°C	-15-52		-15-52	-15-52	-15-52	-15-52	-15-52	-15-52	-15-52	
Working temp.	Heating(Min-Max)	°C	-20-24		-20-24	-20-24	-20-24	-20-24	-20-24	-20-24	-20-24	

\* Data is pending:

# Control System

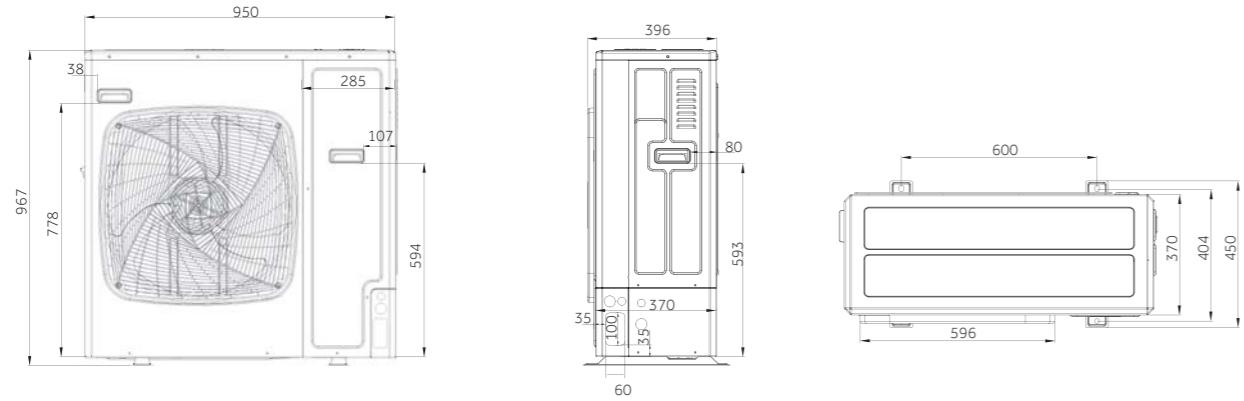
Controller	Design	Model	Functions	For what units
Infrared controller		YR-HQS01	<ul style="list-style-type: none"> <li>* On/Off, Operation Mode, Fan speed, Temperature setting, Swing</li> <li>* Turbo,quiet</li> <li>* Individual flap control for round way cassette and compact cassette</li> <li>* Clock &amp; Timer</li> <li>* Health function</li> <li>* Self-Clean</li> <li>* Backlight</li> <li>* Convenient to operate most functions through one button</li> </ul>	Super match
		YR-HRS01	<ul style="list-style-type: none"> <li>* On/Off, Operation Mode, Fan speed, Temperature setting, Swing</li> <li>* Turbo,quiet</li> <li>* Individual flap control for round way cassette and compact cassette</li> <li>* Self-Clean</li> <li>* Timer</li> <li>* Health function</li> <li>* Backlight</li> </ul>	Nebula Smart power Cassette Duct type Convertible
Wired controller		YR-E16B	<ul style="list-style-type: none"> <li>* Colorful screen</li> <li>* On/Off, Mode, Fan speed, Temperature setting, Swing</li> <li>* Individual &amp; Group control (Max 16 indoor units)</li> <li>* Fahrenheit/ Celsius selectable; Sensitivity <math>\pm 0.5^{\circ}\text{C}</math> (<math>\pm 1^{\circ}\text{F}</math>)</li> <li>* Weekly timer</li> <li>* Individual blade control for round way cassette.</li> <li>* Static pressure setting</li> </ul>	All (Console with infrared controller as standard)
		YR-E17A	<ul style="list-style-type: none"> <li>* On/Off, Mode, Fan speed, Temperature setting, Swing</li> <li>* Individual &amp; Group control (Max 16 indoor units)</li> <li>* Simple and Smart design, 86*86*13.05mm</li> <li>* Touch button with back light</li> <li>* Timer / Clock</li> <li>* Easy installation</li> <li>* Individual blade control for round way cassette</li> </ul>	All (Console with infrared controller as standard)
		HW-BA116ABK	<ul style="list-style-type: none"> <li>* Basic function: On/Off, Mode, Fan speed, Temperature setting</li> <li>* Individual &amp; Group control (Max 16 indoor units)</li> <li>* Simple and Smart design, 86*86*14.80mm</li> <li>* Built-in infrared signal receiver for duct units to use the infrared controller</li> </ul>	Round-way cassette units not recommended, flaps cannot be controlled individually; Only 3 fan speeds.
		HW-BA101ABT	<ul style="list-style-type: none"> <li>* Individual &amp; group control (max. 16 indoor units controllable)</li> <li>* Touch screen</li> <li>* Black and tempered glass body with highlight LED icon display</li> <li>* Basic function: on/off, mode, fan, dry, auto</li> <li>* Built-in infrared signal receiver for infrared remote control (for duct units)</li> <li>* Built-in buzzer (turned off by dip switch)</li> </ul>	Round-way cassette units not recommended, flaps cannot be controlled individually; Only 3 fan speeds.
Central controller		YCZ-A004	<ul style="list-style-type: none"> <li>* Individual control, Group control &amp; Central control(Max 256 indoor units)</li> <li>* 7-inch TFT LCD touch screen with back light</li> <li>* Weekly timer</li> <li>* Indoor units' information edit</li> <li>* Historical data backup</li> </ul>	The way of connection: Outdoor Units directly connected • 1. R410A Multi and Smart power ODUs 2. R32 Multi and Single ODUs • Indoor Units connected with YCJ-A002 1. R410A indoor Units is available except Round way Cassette and 4-way Cassette 2. Full range of R32 Indoor units is available
		HC-SA164DBT	<ul style="list-style-type: none"> <li>* Individual control&amp; central control (Max. 64 indoor units)</li> <li>* 5-inch TFT LCD touch screen with backlight</li> <li>* Weekly Scheduling</li> <li>* Historical error data recording and reporting</li> </ul>	
		HC-LA1CDBT	<ul style="list-style-type: none"> <li>* 12.5-inch TFT LCD touch screen</li> <li>* Max. 128 LCAC IDUs connectable for one controller</li> <li>* Floor plan layout view</li> <li>* Web Access and Email Alarm</li> <li>* Weekly Schedule and Special day setting</li> <li>* Integrate 3rd party devices like fire alarm, lighting with Haier indoor units</li> <li>* LCAC products requires PCB adapter YCJ-A002(One IDU requires one YCJ-A002)</li> <li>* Multi Language</li> </ul>	
Wireless control receiver		RE-02	<ul style="list-style-type: none"> <li>* Infrared signal receiver</li> <li>* Realize the remote control of Duct type indoor unit</li> <li>* Model selection depends on the duct indoor unit</li> </ul>	Duct
Converter		YCJ-A002	<ul style="list-style-type: none"> <li>* RS-485 protocol</li> <li>* Double switch function</li> <li>* Communicate with centralized controller or BMS</li> <li>* Communicate with remote devices</li> <li>* Modbus rtu port</li> </ul>	All (Except R410A DC 4-way Cassette)

**DIMENSIONS**

# Outdoor Platform(R410A)

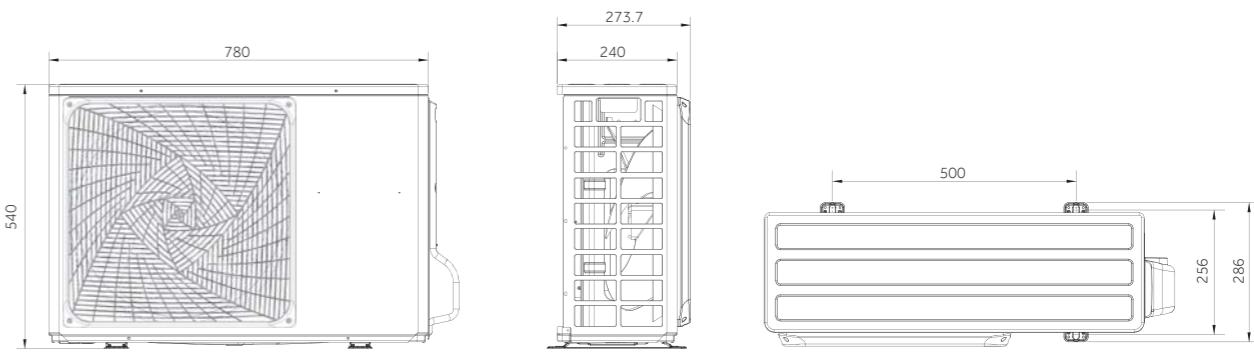
## Smart Power

1UH071N1ERG/1UH105N1ERG



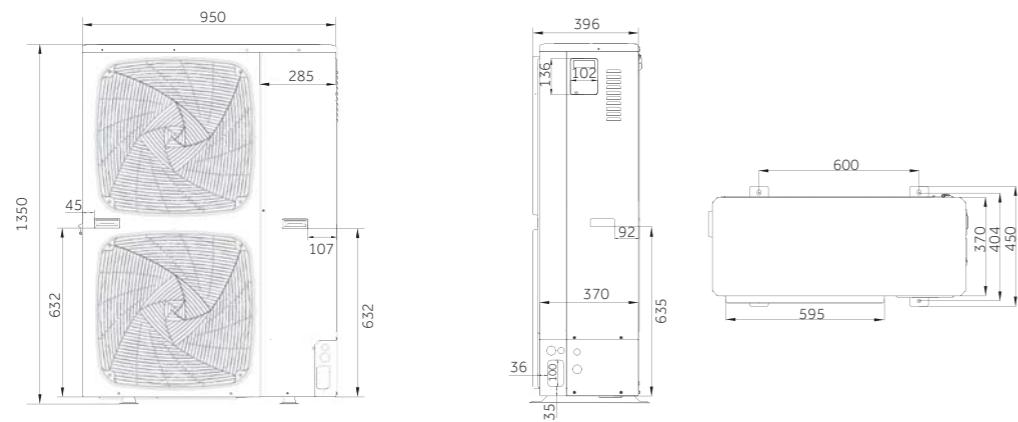
## Classic Power

1U12BS3ERA



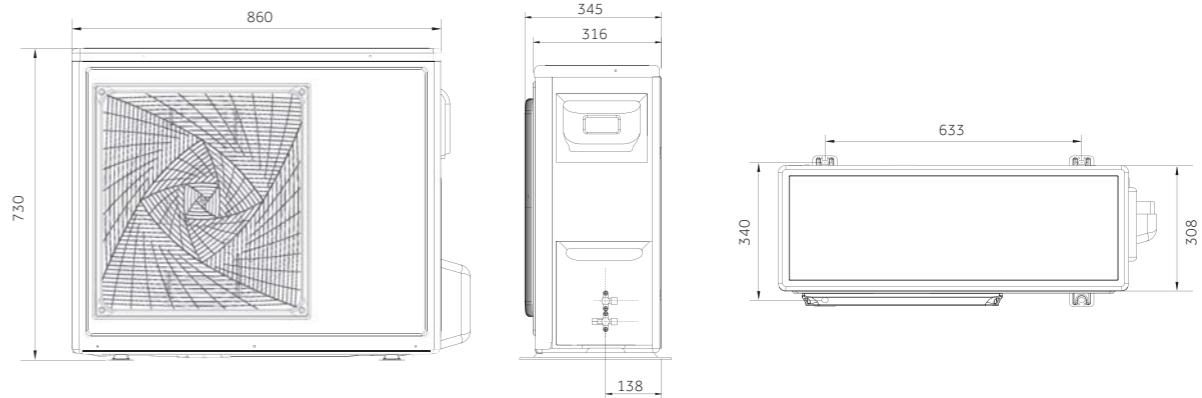
## Smart Power

1UH125P1ERK/1UH140P1ERK/1UH125P1ERG/1UH140P1ERG/1UH160P1ERG



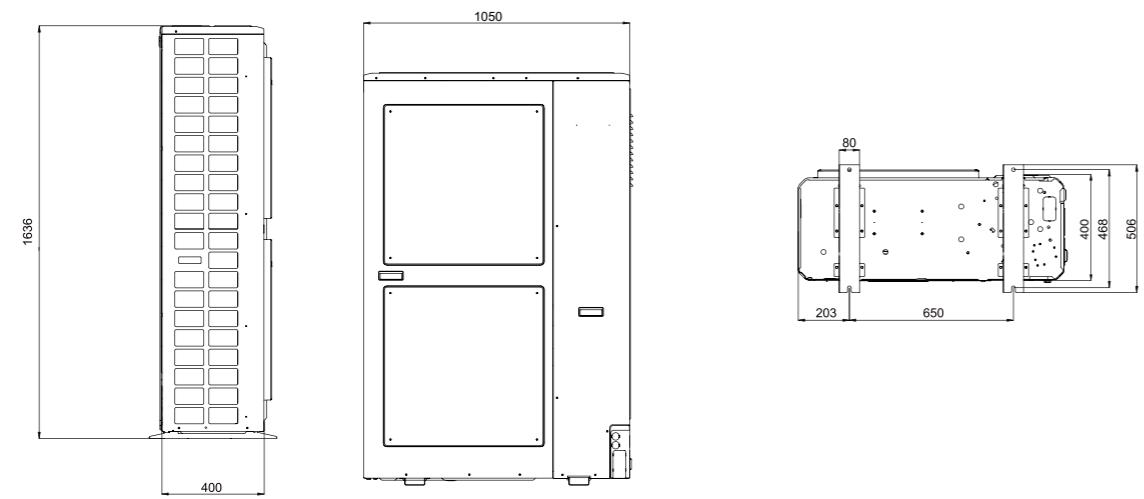
## Classic Power

1U24GS1ERA



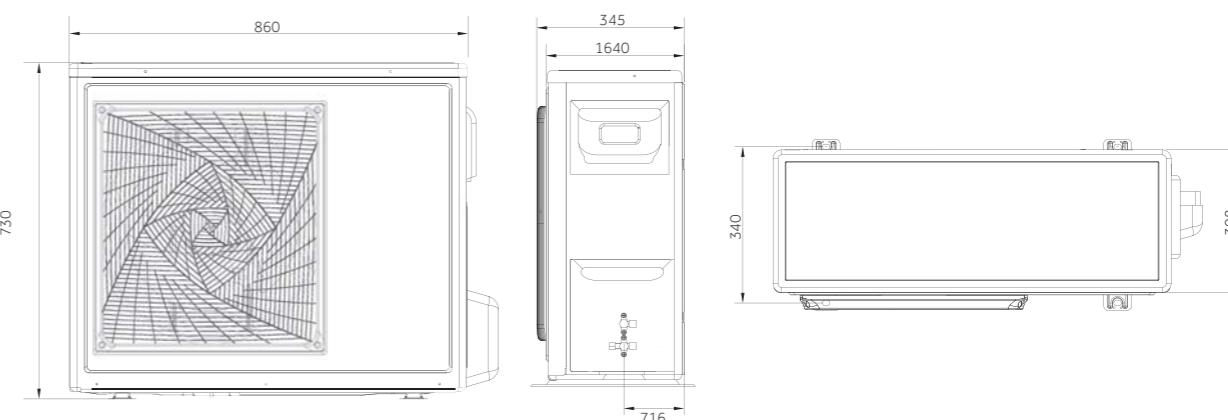
## Smart Power

1UH200W1ERK/1UH250W1ERK

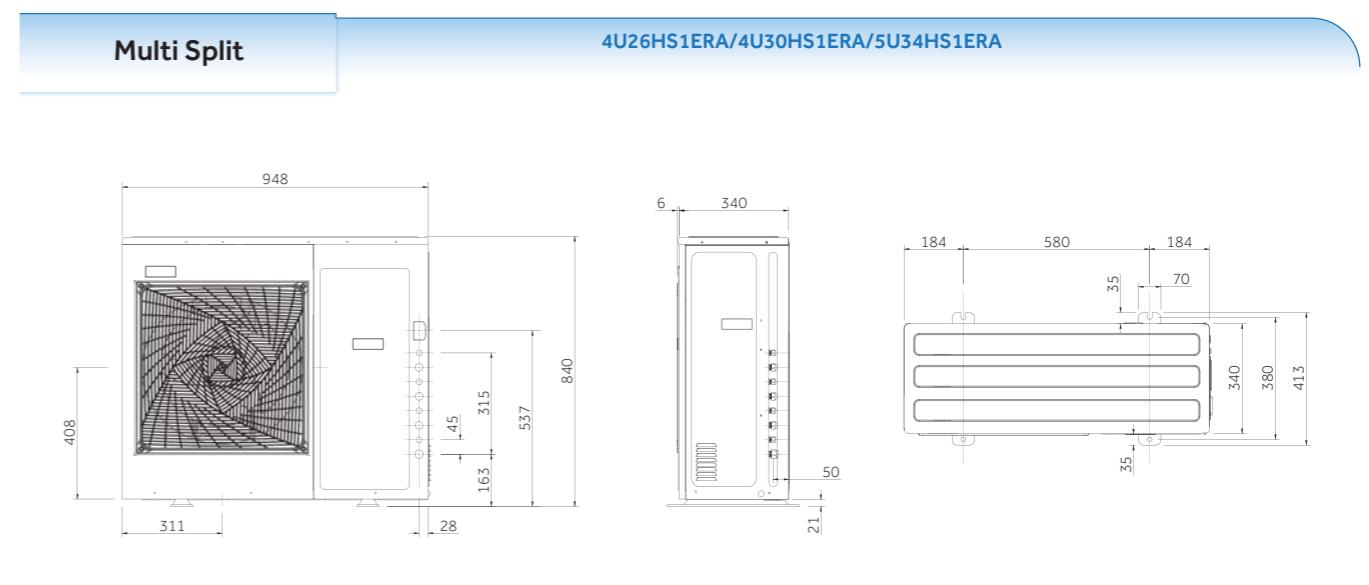
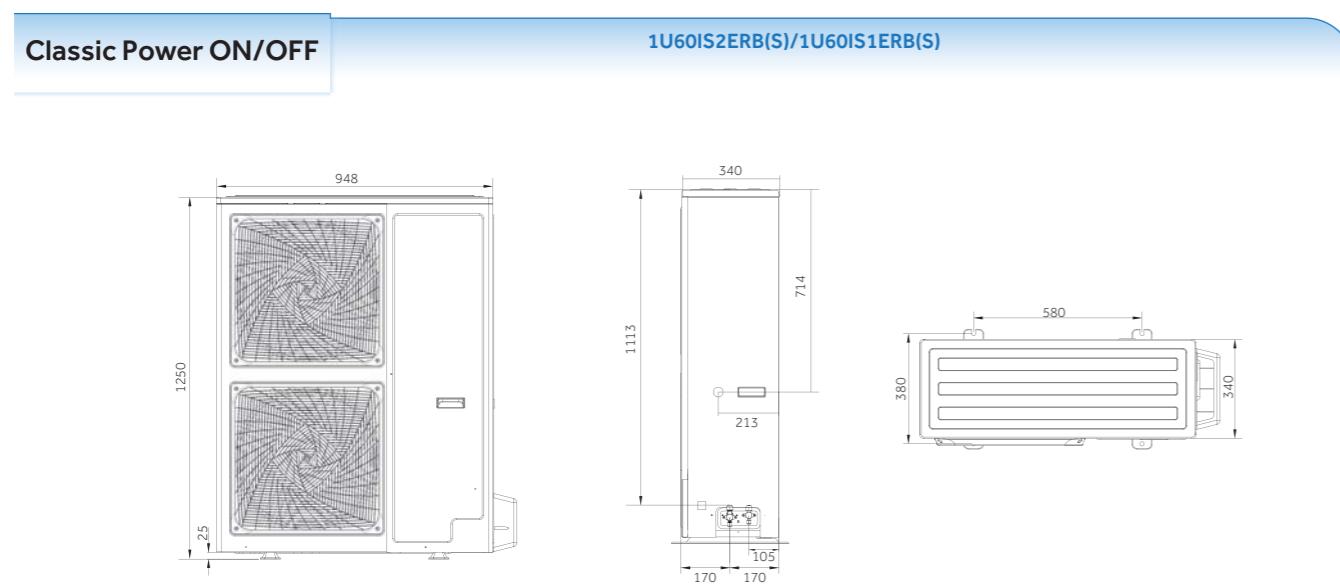
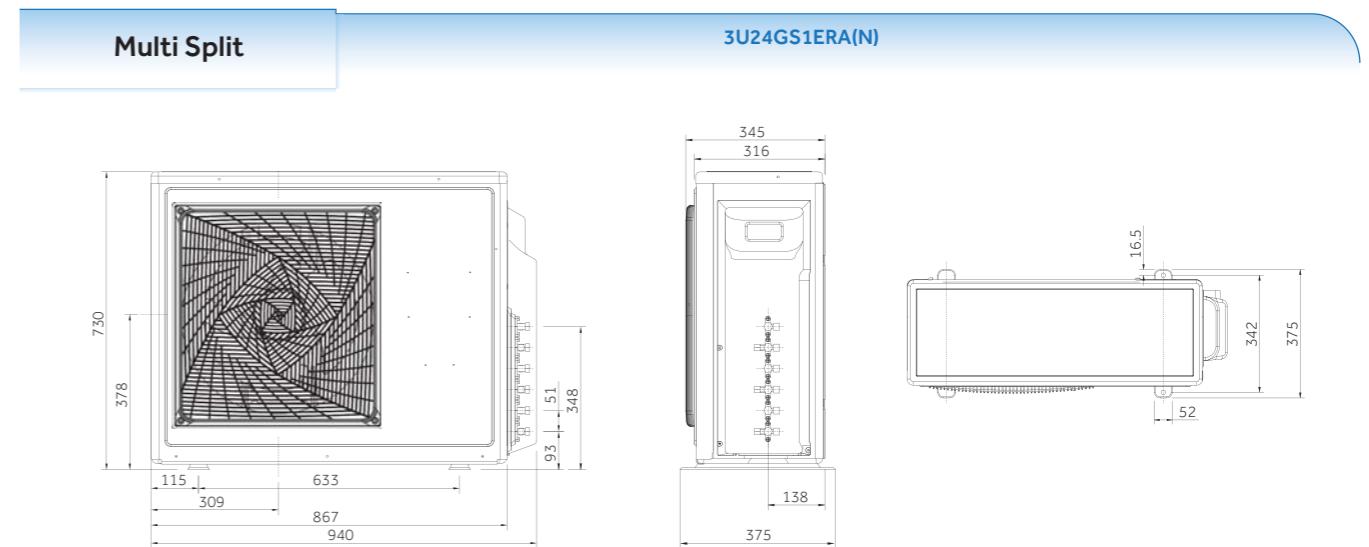
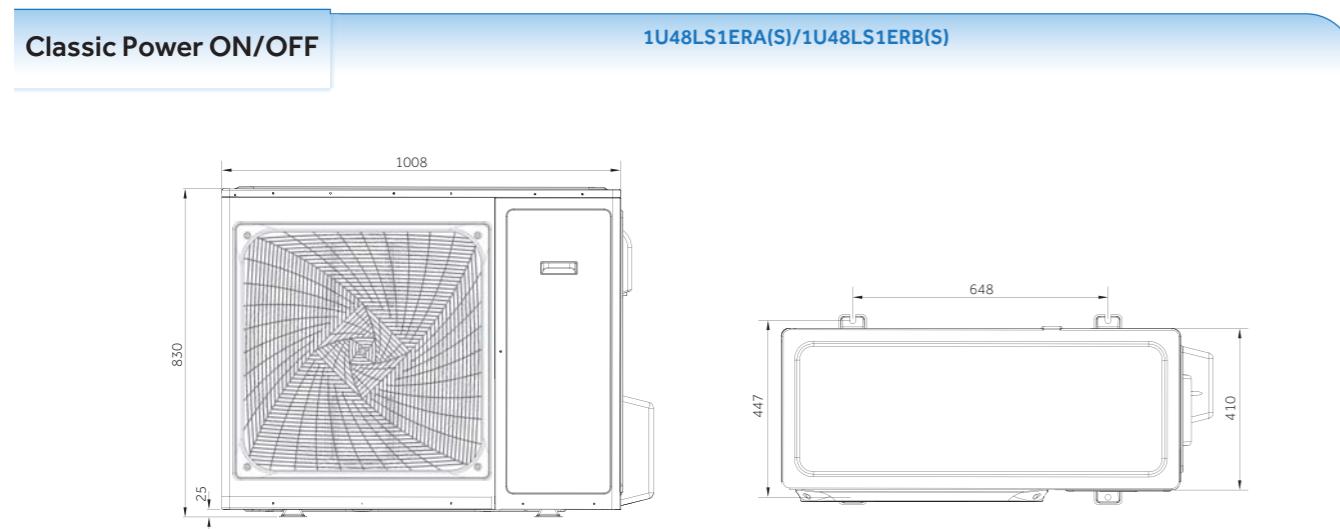
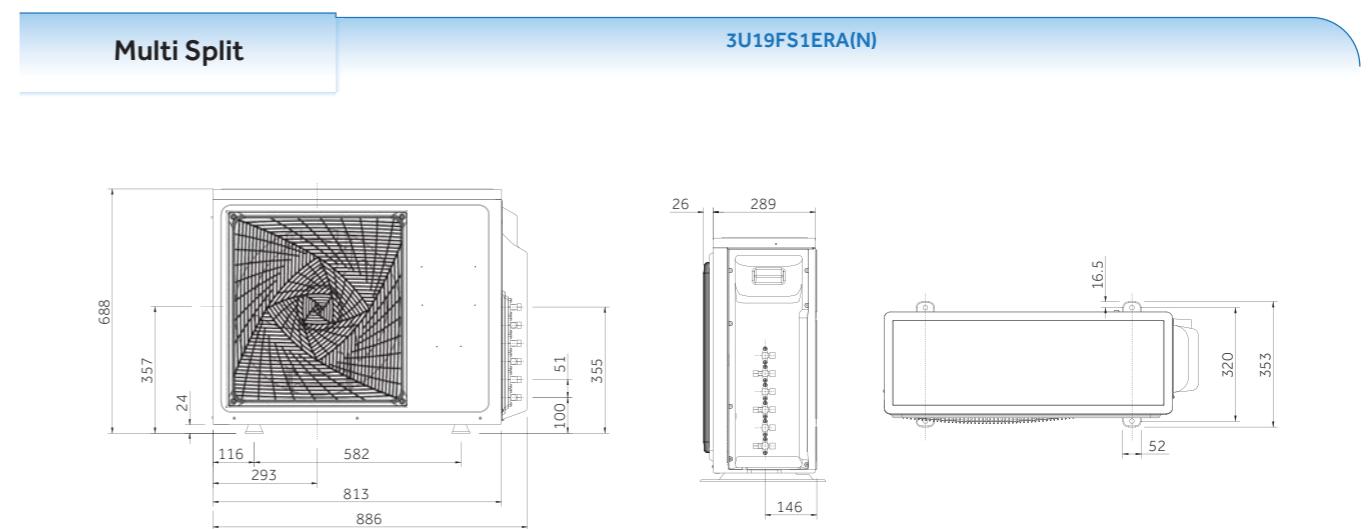
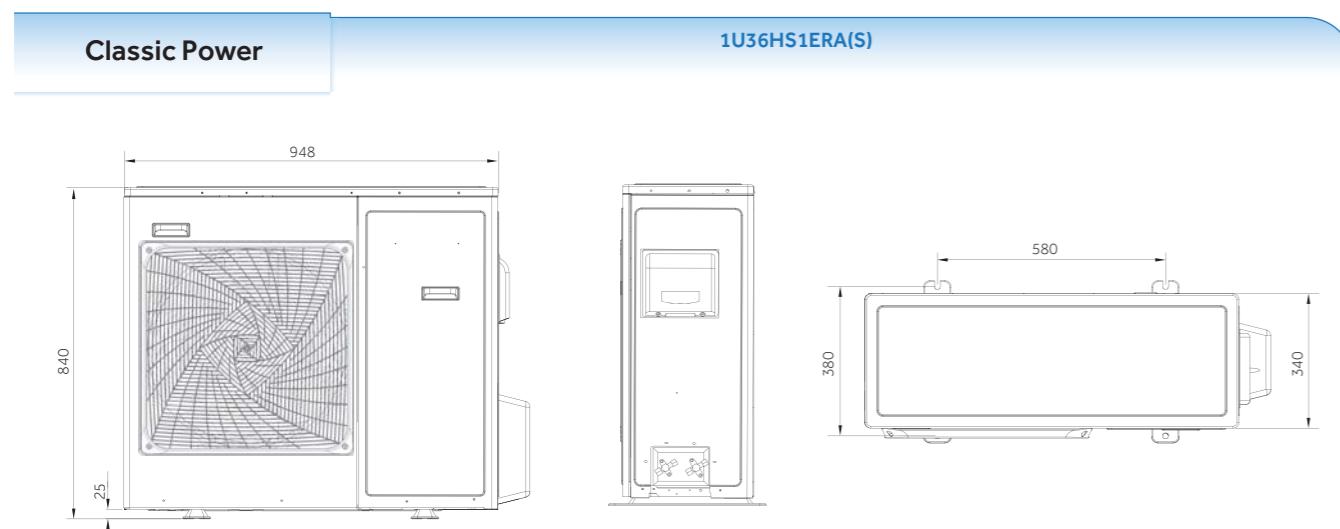


## Classic Power

1U28GS2ERA(S)/1U28HS1ERA(S)



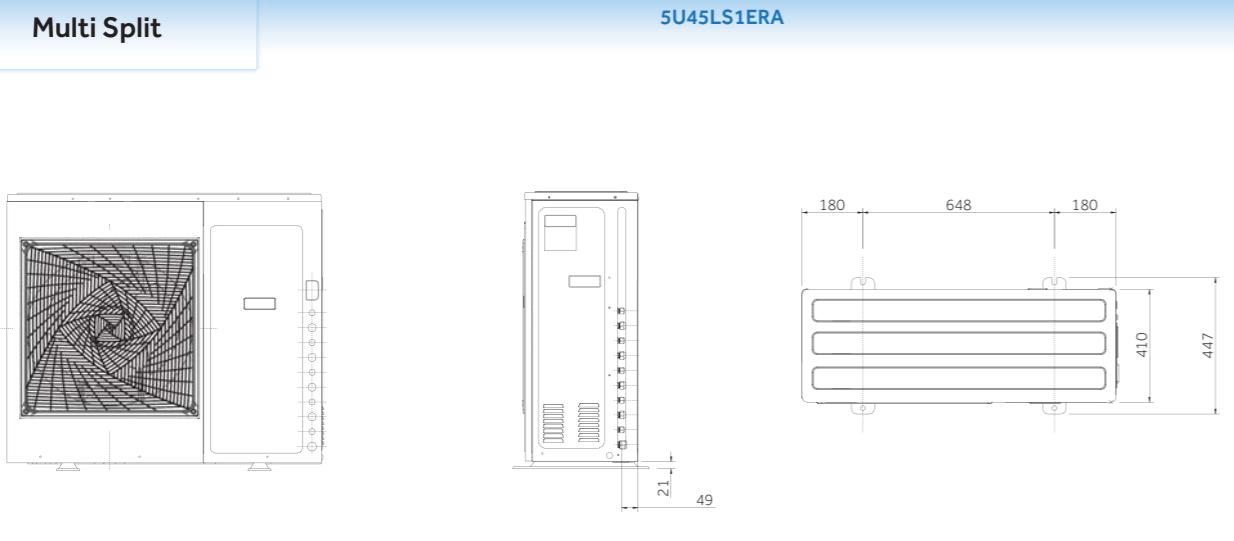
# Outdoor Platform(R410A)



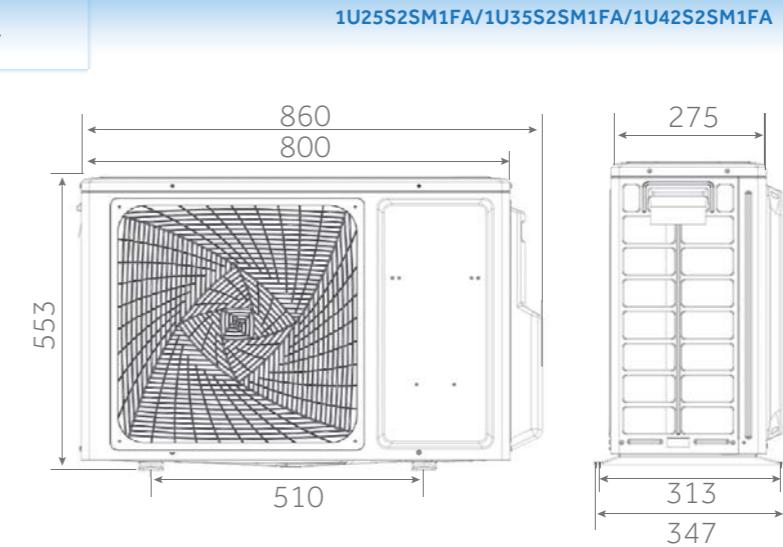
# Outdoor Platform(R410A)

# Outdoor Platform(R32)

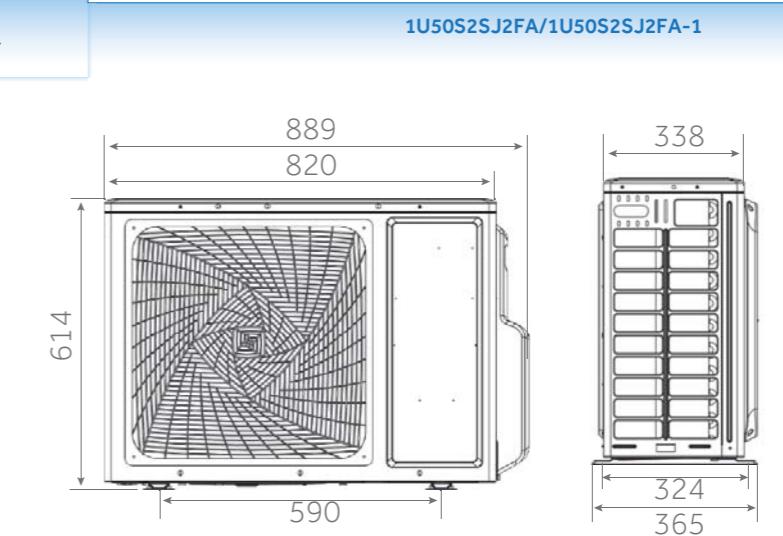
Multi Split



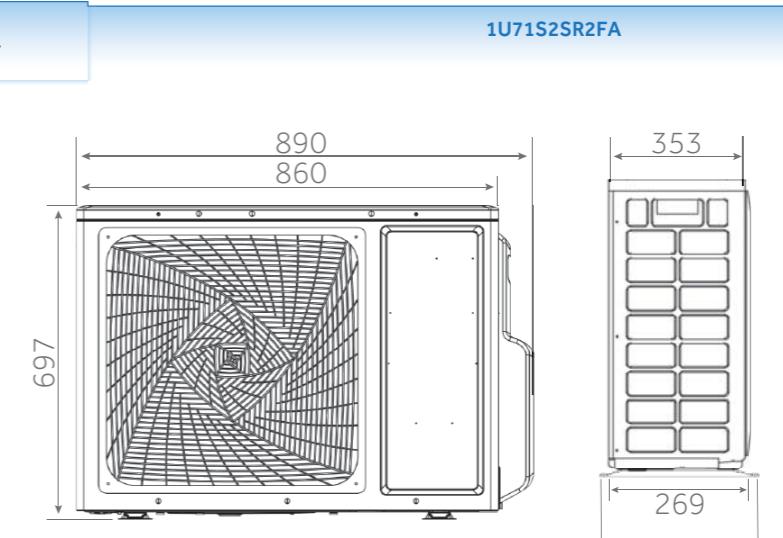
Single Split



Single Split

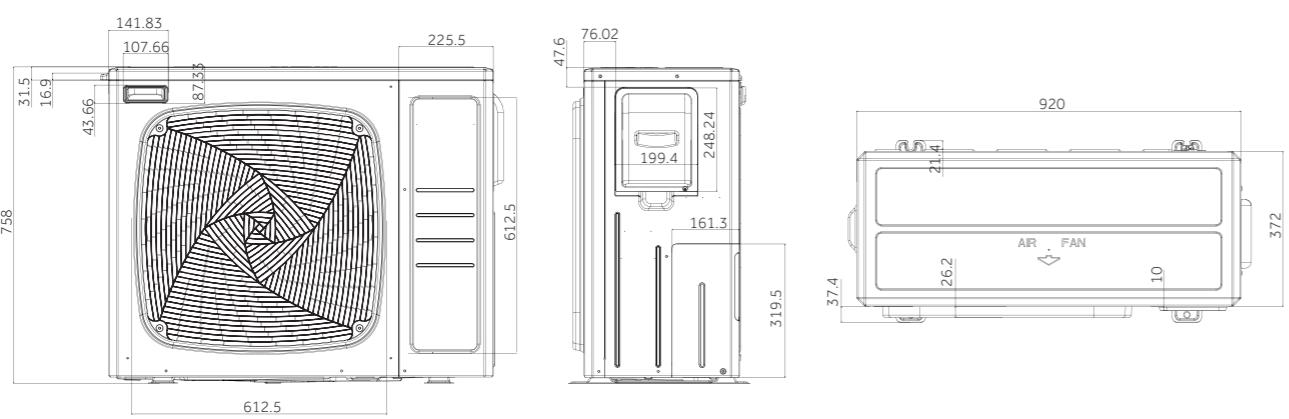


Single Split

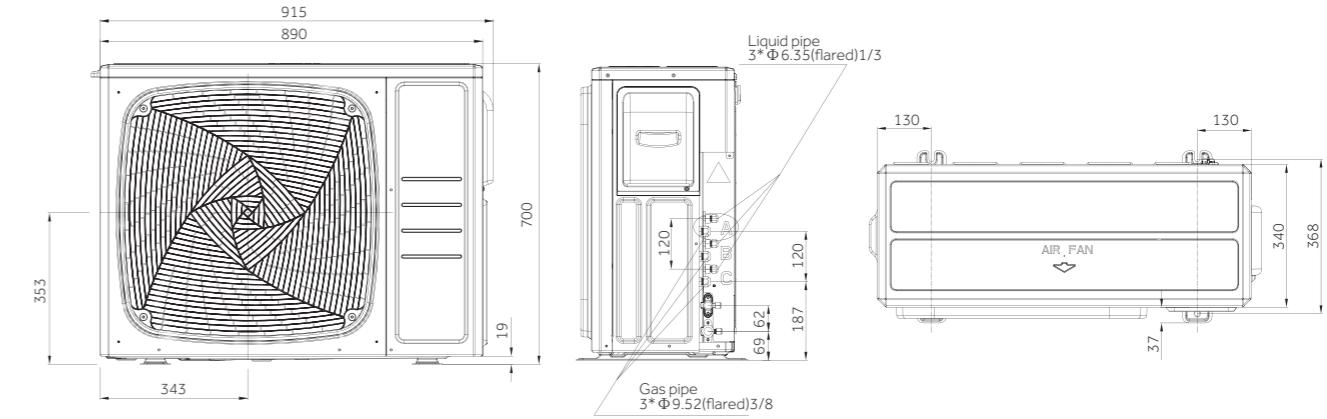


# Outdoor Platform(R32)

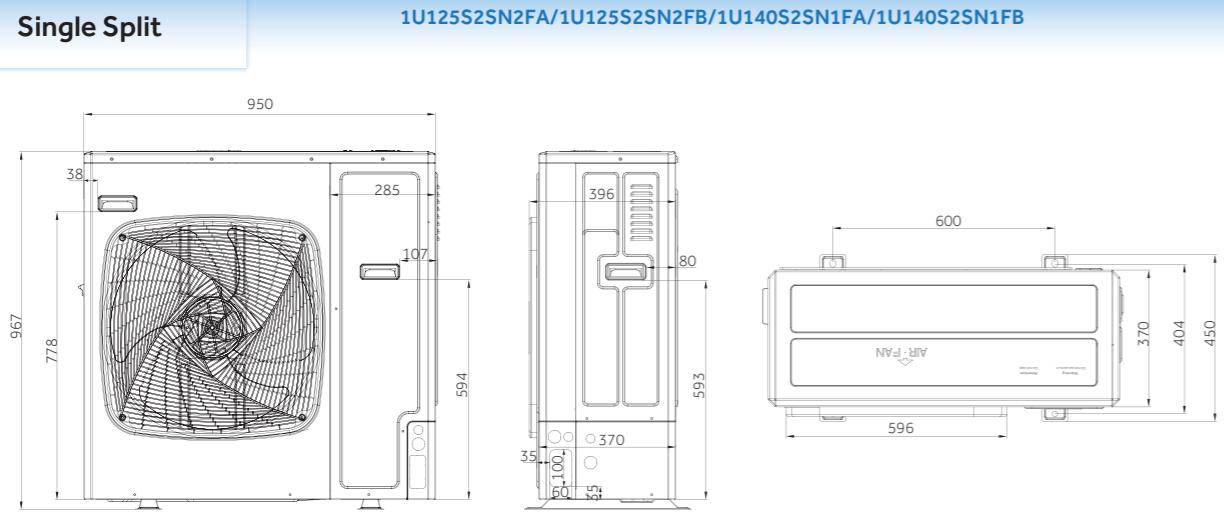
**Single Split**



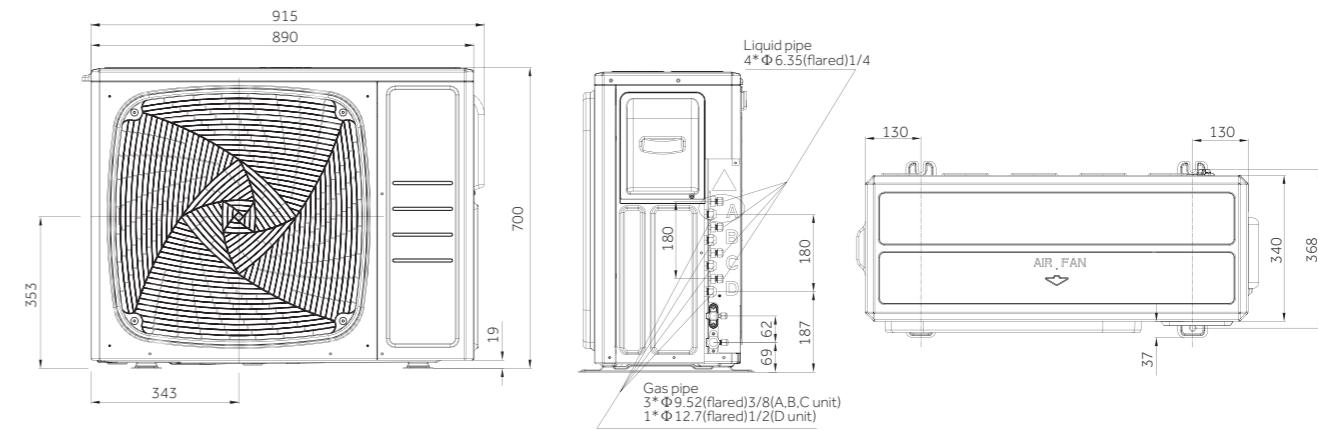
**Multi Split**



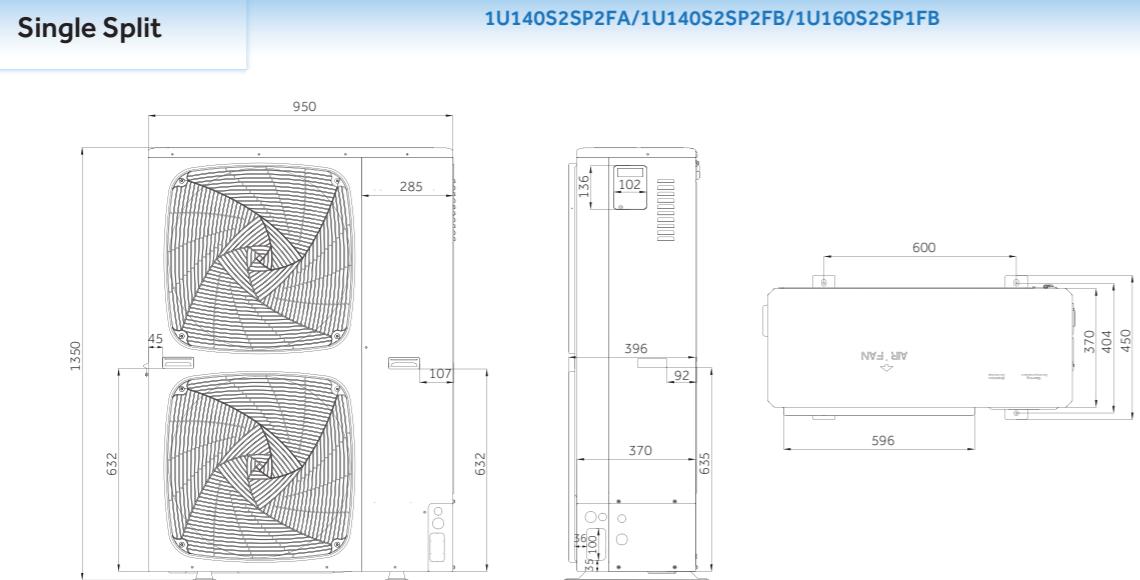
**Single Split**



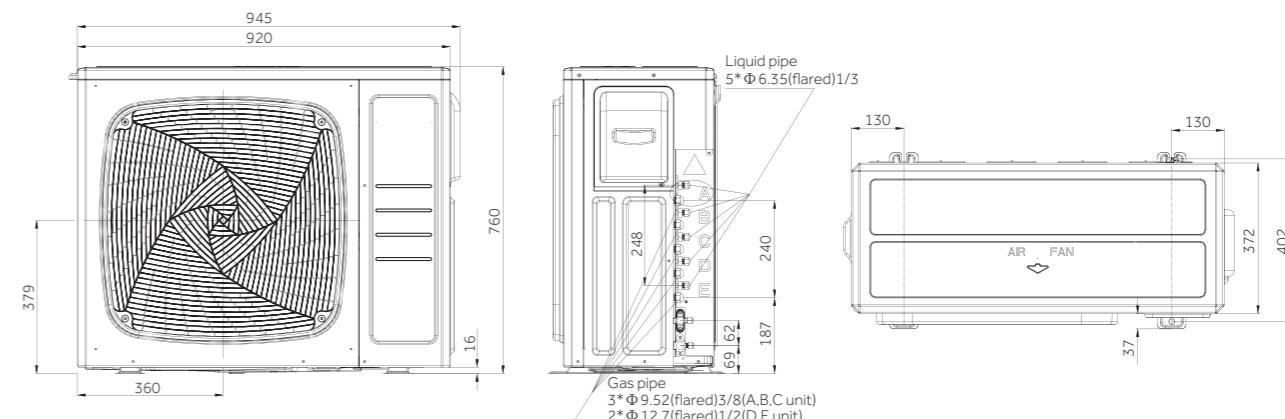
**Multi Split**



**Single Split**



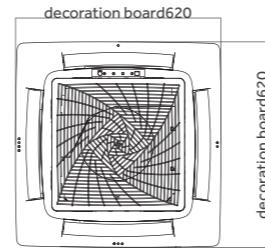
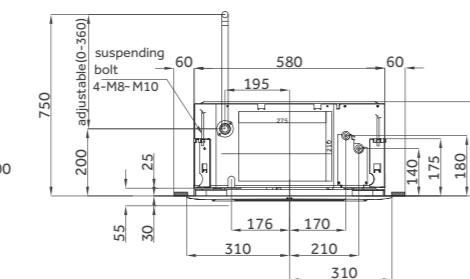
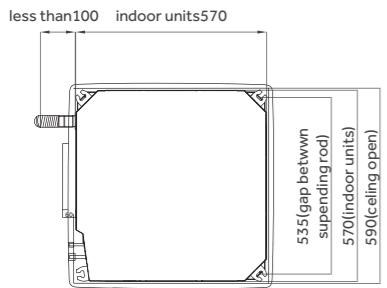
**Multi Split**



# Indoor Platform

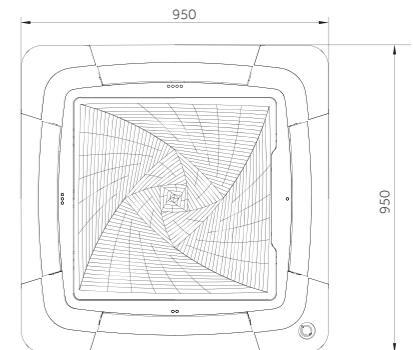
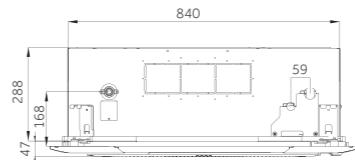
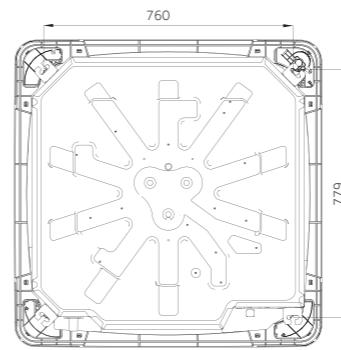
**Compact Cassette**  
(620)

AB25S2SC1FA/AB25S2SC2FA/AB35S2SC1FA/  
AB35S2SC2FA/AB50S2SC1FA/AB50S2SC2FA



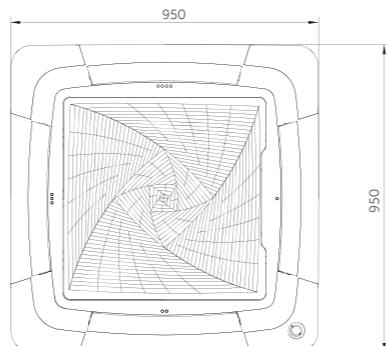
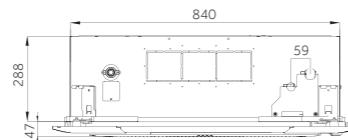
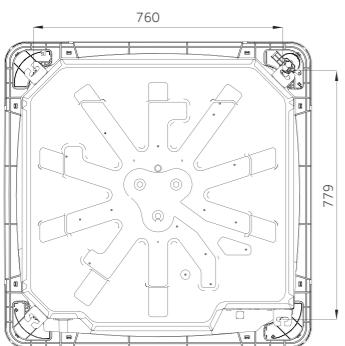
**Cassette Type  
(Round Way Cassette)**

ABH125K1ERG/ABH140K1ERG/ABH160K1ERG



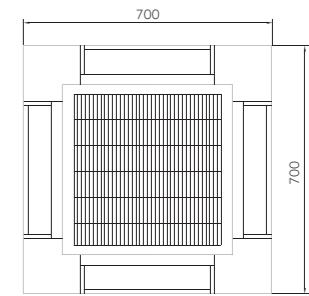
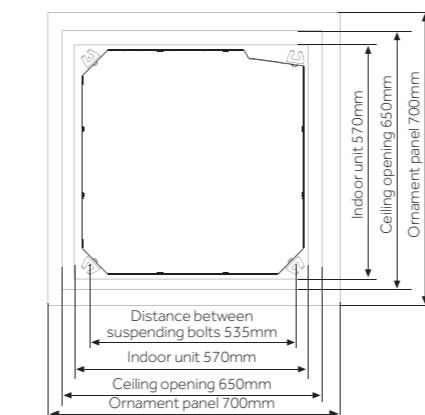
**Cassette Type  
(Round Way Cassette)**

AB71S2SG1FA



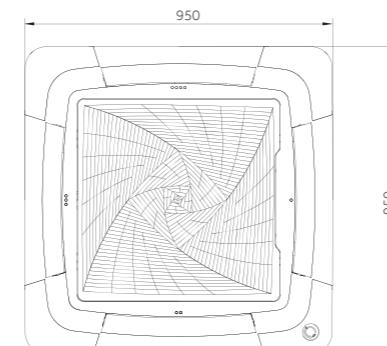
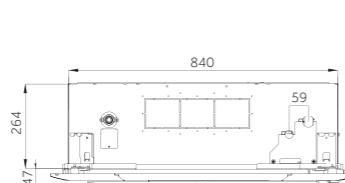
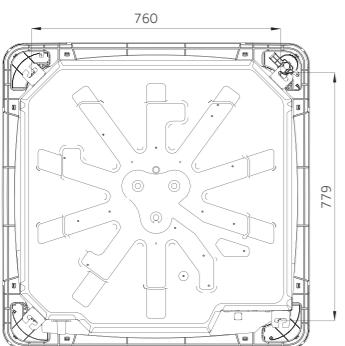
**Cassette Type**

AB12CS1ERA(S)/AB18CS1ERA(S)/AB12CS2ERA(S)/AB18CS2ERA(S)



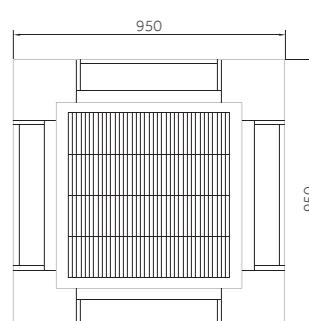
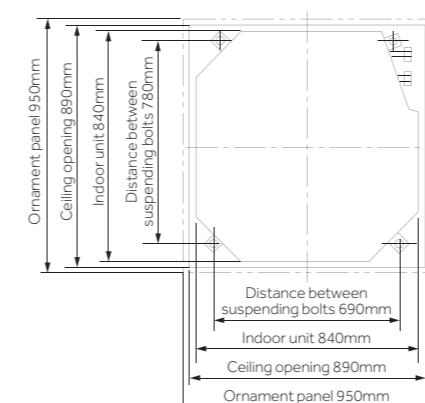
**Cassette Type  
(Round Way Cassette)**

ABH090H1ERG/ABH105H1ERG



**Cassette Type**

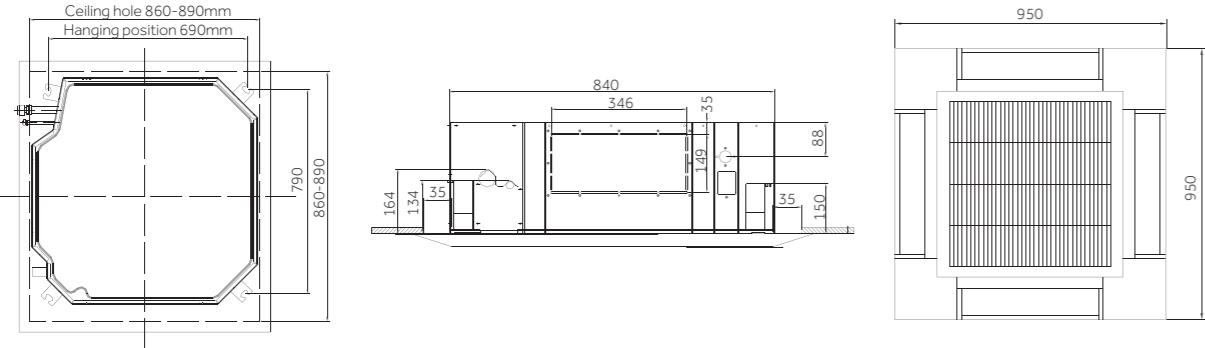
AB24ES1ERA(S)/AB28ES1ERA(S)



# Indoor Platform

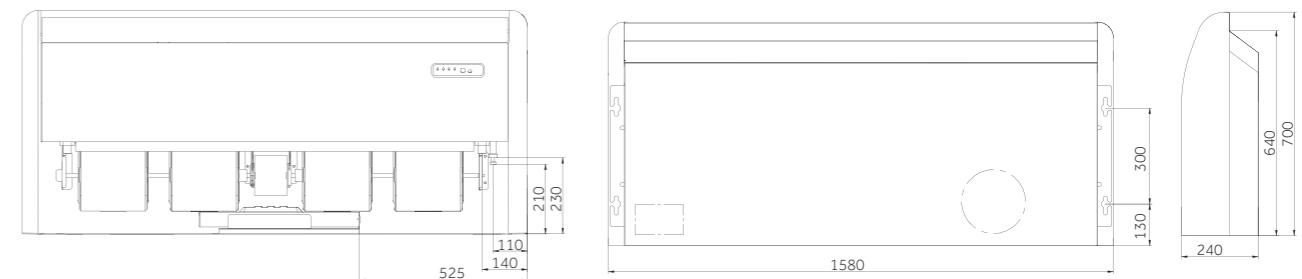
## Cassette Type

AB36ES1ERA(S)/AB48ES1ERA(S)/AB60ES2ERA(S)



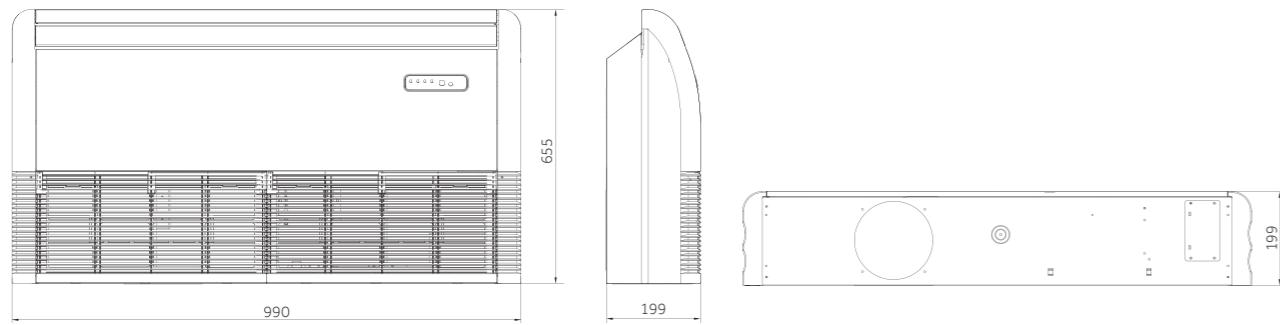
## Convertible Type

AC48FS1ERA(S)/AC60FS1ERA(S)



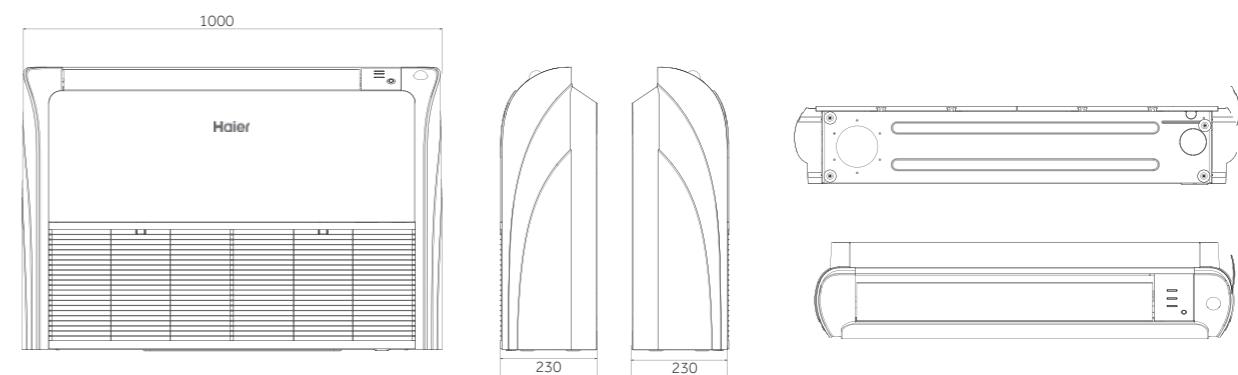
## Convertible Type

AC12CS1ERA(S)/AC182CS1ERA(S)/AC242CS1ERA(S)



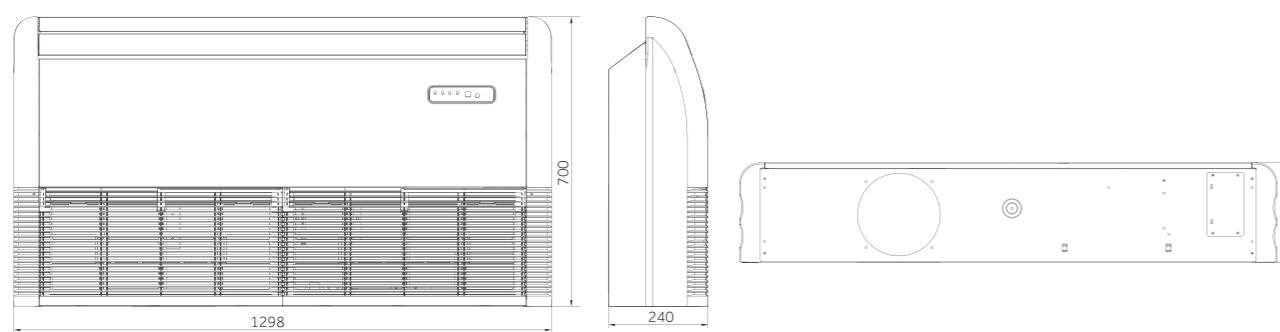
## New Convertible Type

AC35S2SG1FA/AC50S2SG1FA



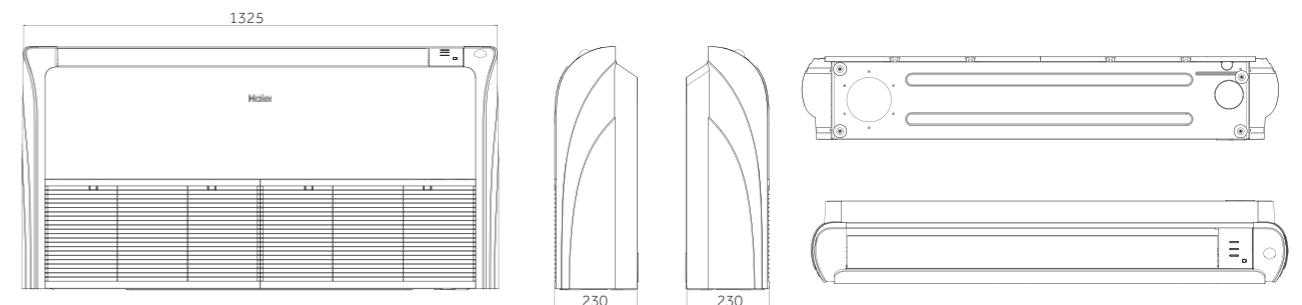
## Convertible Type

AC28ES1ERA(S)/AC36ES1ERA(S)



## New Convertible Type

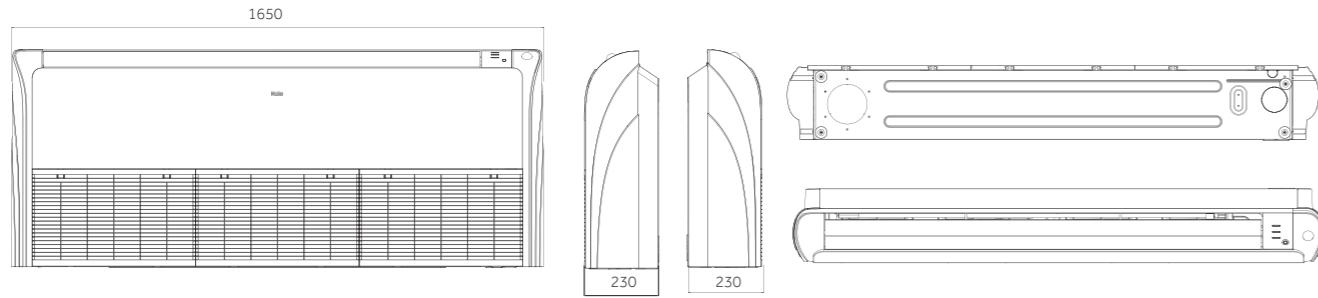
AC71S2SG1FA/AC105S2SH1FA



# Indoor Platform

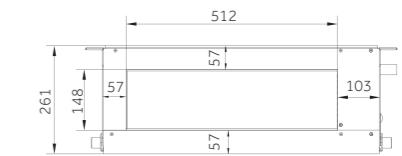
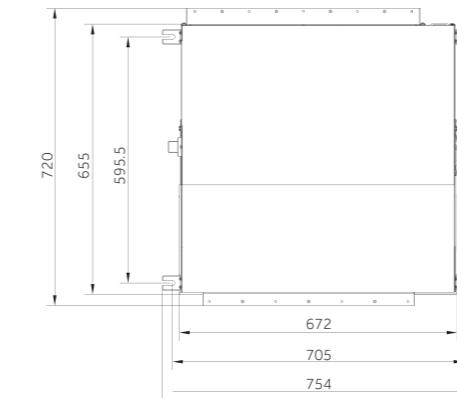
New Convertible Type

AC125S2SK1FA/AC140S2SK1FA/AC160S2SK1FA



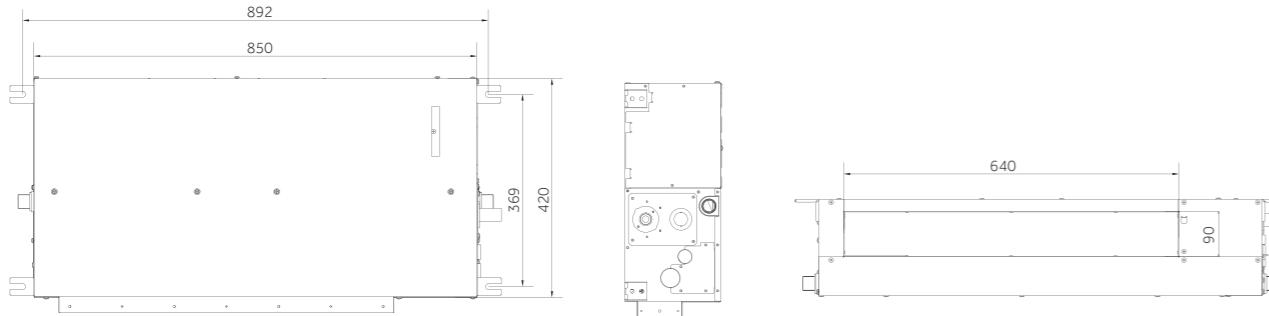
Medium ESP Duct Type

AD12MS1ERA



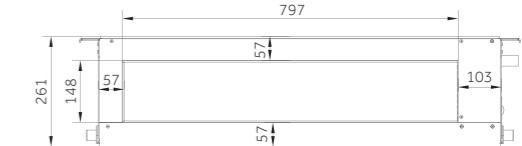
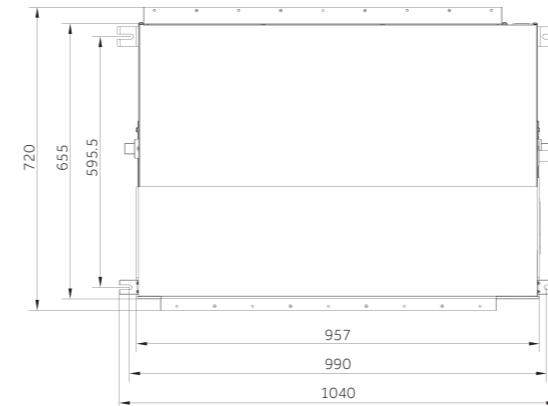
Slim Duct Type

AD12SS1ERA(N) AD25S2SS1FA/AD35S2SS1FA



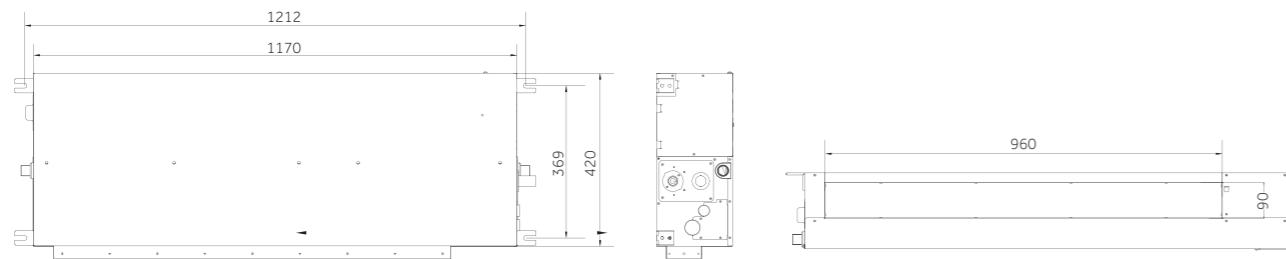
Medium ESP Duct Type

AD18MS1ERA/AD24MS2ERA/AD28MS2ERA(S)



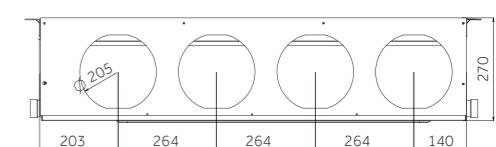
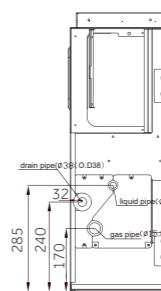
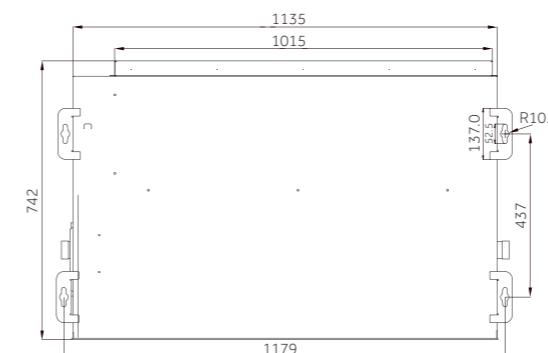
Slim Duct Type

AD50S2SS1FA/AD71S2SS1FA/AD18SS1ERA(N)/AD24SS1ERA(N)



Medium ESP Duct Type

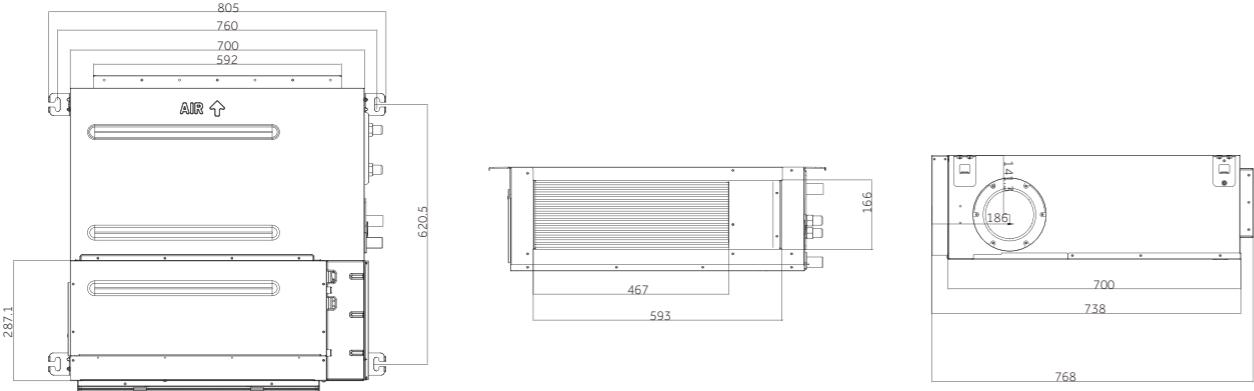
AD36NS1ERA(S)/AD48NS1ERA(S)



# Indoor Platform

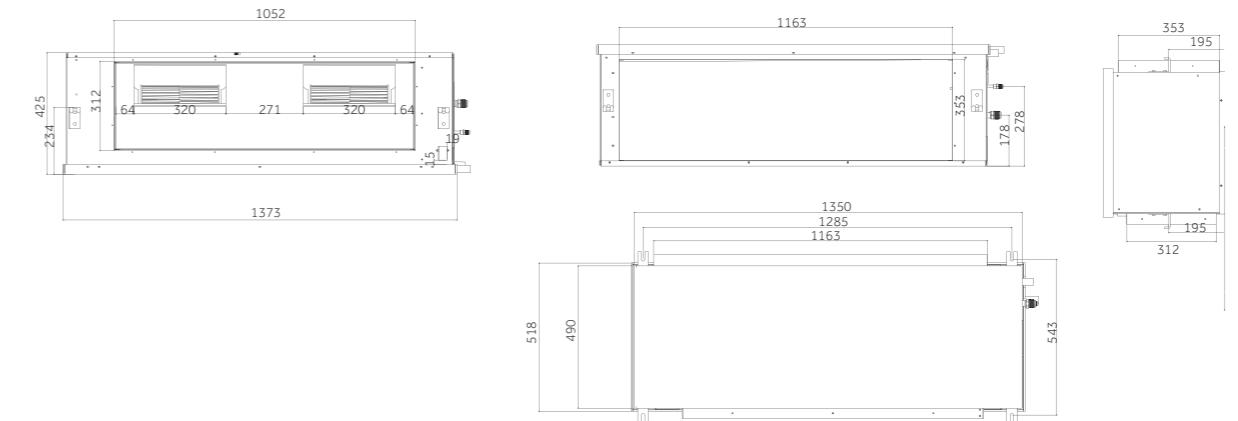
**Medium ESP Duct Type**

**AD35S2SM3FA**



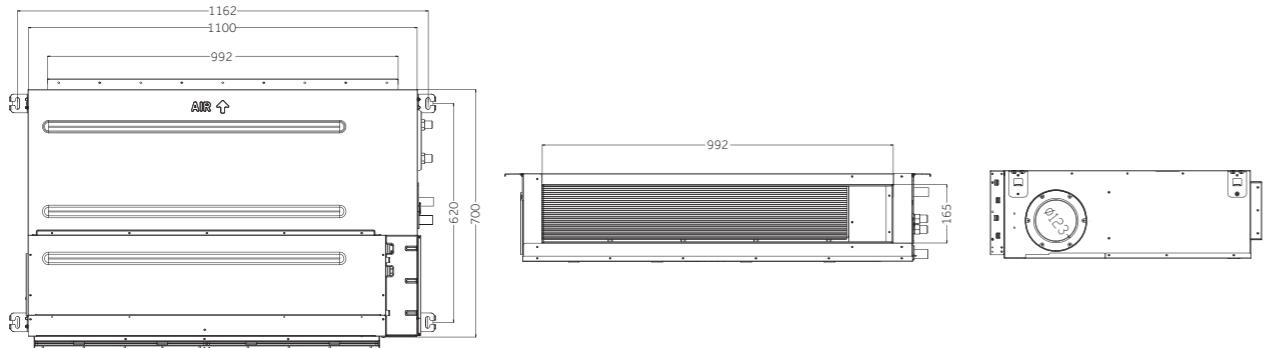
**High ESP Duct Type**

**ADH105H1ERG/ADH125H1ERG/ADH140H1ERG/ADH160H1ERG**



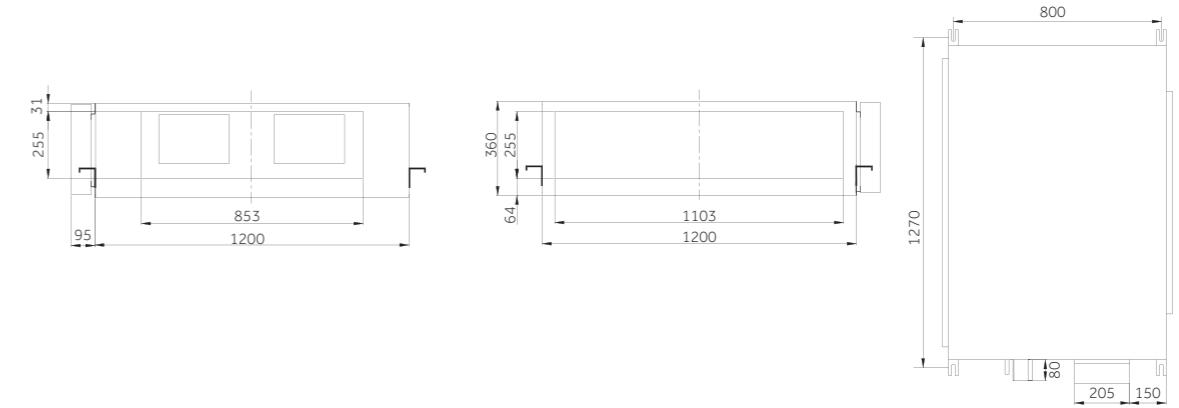
**Medium ESP Duct Type**

**AD50S2SM3FA/AD71S2SM3FA/AD71S2SM6FA/AD90S2SM3FA/AD100S2SM6FA**



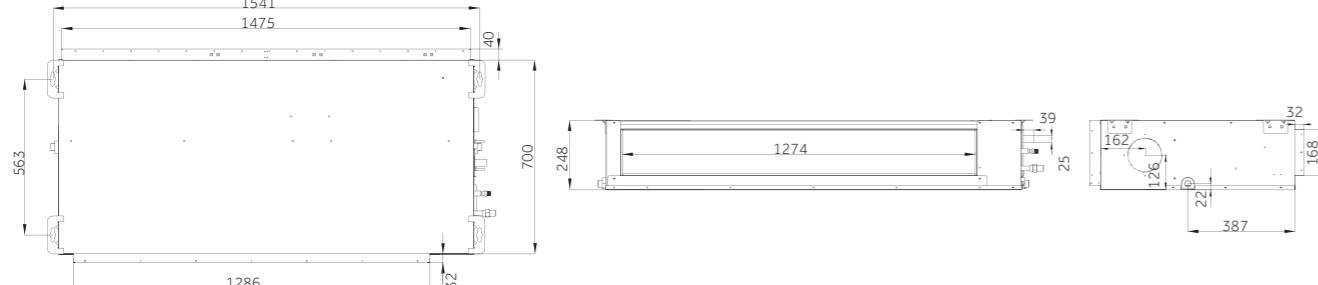
**High ESP Duct Type**

**AD48HS1ERA(S)/AD60HS1ERA(S)**



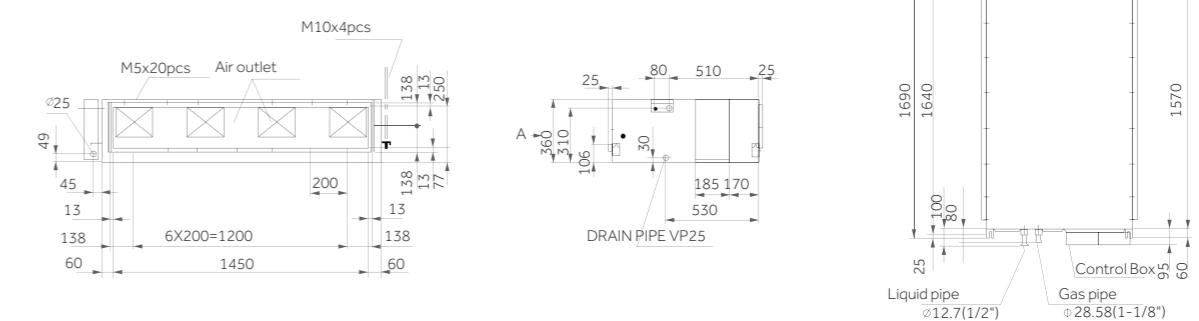
**Medium ESP Duct Type**

**AD105S2SM3FA/AD125S2SM3FA/AD140S2SM3FA**



**High ESP Duct Type**

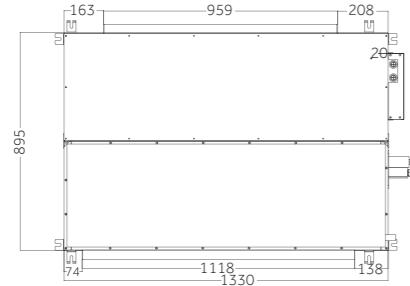
**AD842AHEAA**



# Indoor Platform

## High ESP Duct Type

ADH200H1ERG/ADH250H1ERG



## Nebula

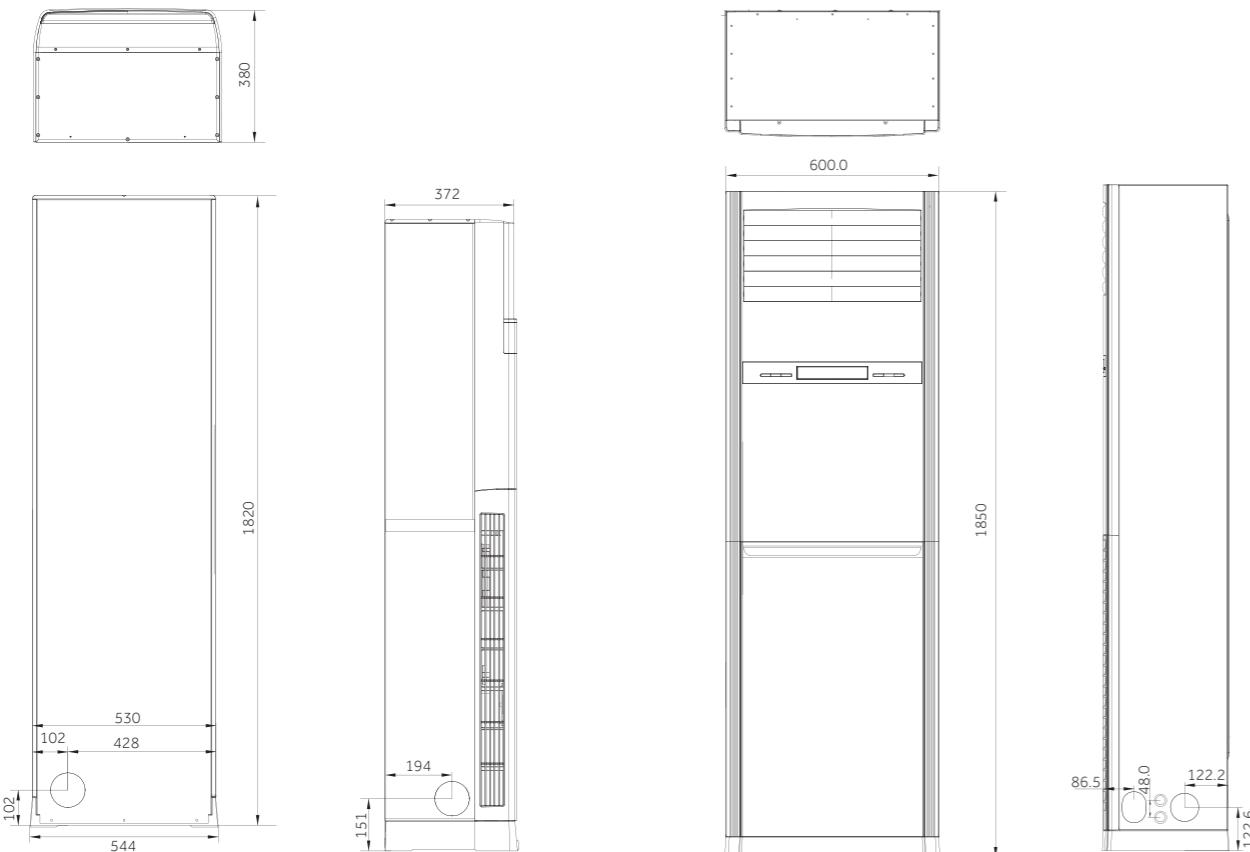
AS25S2SF1FA-MB3 / AS25S2SF1FA-MW3 / AS35S2SF1FA-MB3 / AS35S2SF1FA-MW3 / AS42S2SF1FA-MB3 / AS42S2SF1FA-MW3



## Cabinet Type

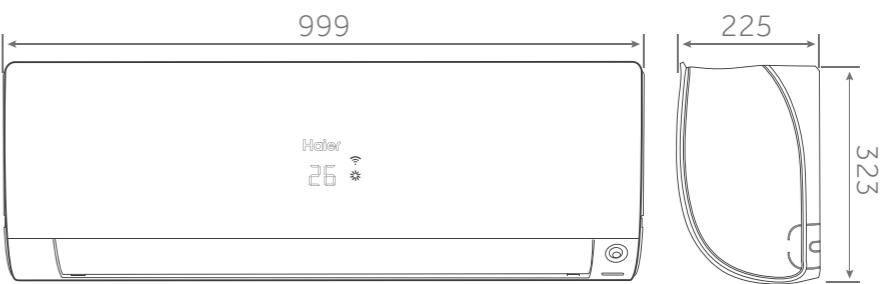
AP48DS1ERA(S)

AP48KS1ERA(S)/AP60KS1ERA(S)/  
AP140S2SK1FA



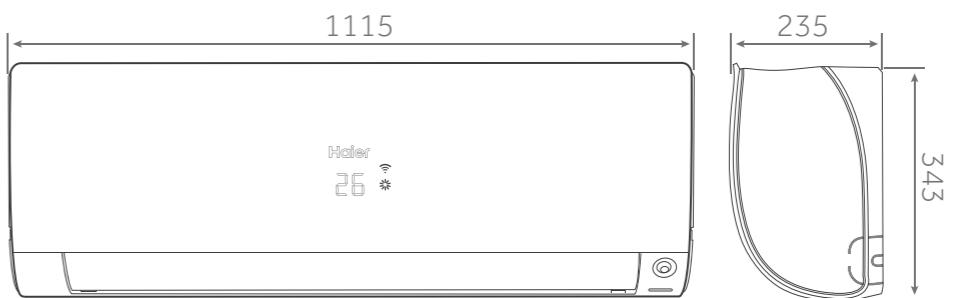
## Nebula

AS50S2SF1FA-MB3/AS50S2SF1FA-MW3



## Nebula

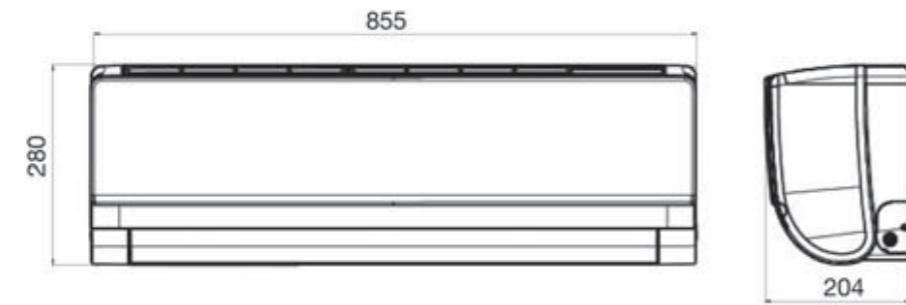
AS71S2SF1FA-MB3/AS71S2SF1FA-MW3



# Indoor Platform

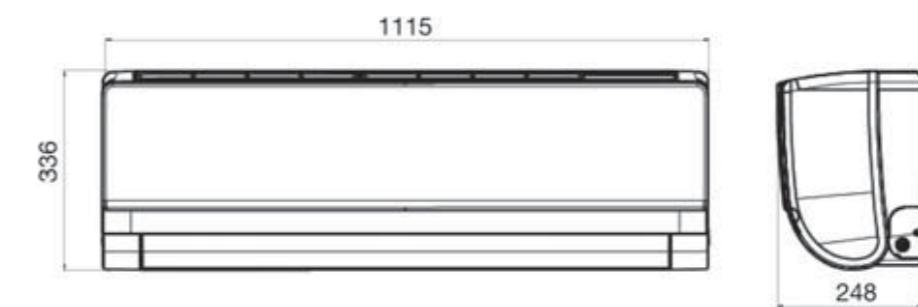
Nebula

AS07NS1HRA-WU / AS07NS1HRA-GU / AS09NS1HRA-WU /  
AS09NS1HRA-GU / AS12NS1HRA-WU / AS12NS1HRA-GU



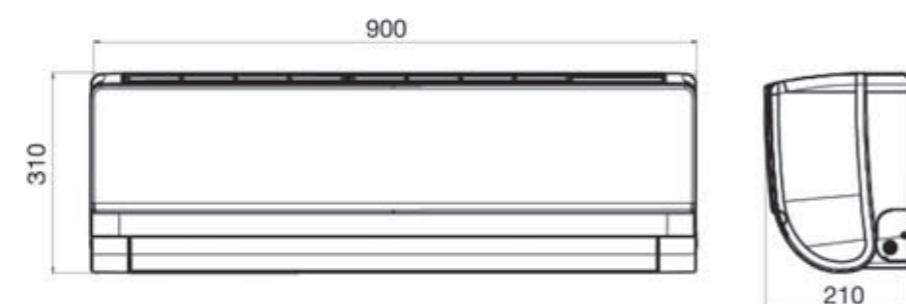
Nebula

AS24NS1HRA-WU/AS24NS1HRA-GU



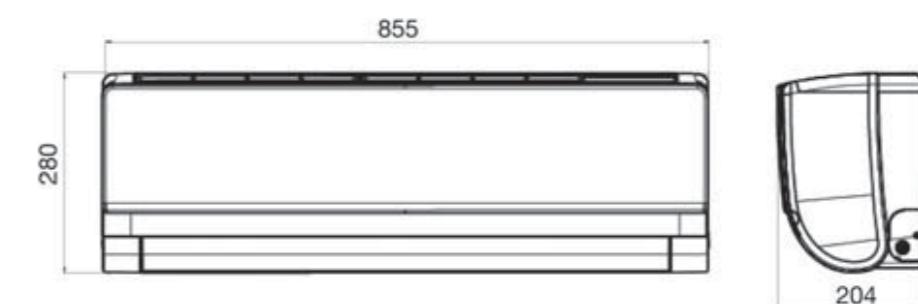
Nebula

AS15NS1HRA-WU/AS15NS1HRA-GU



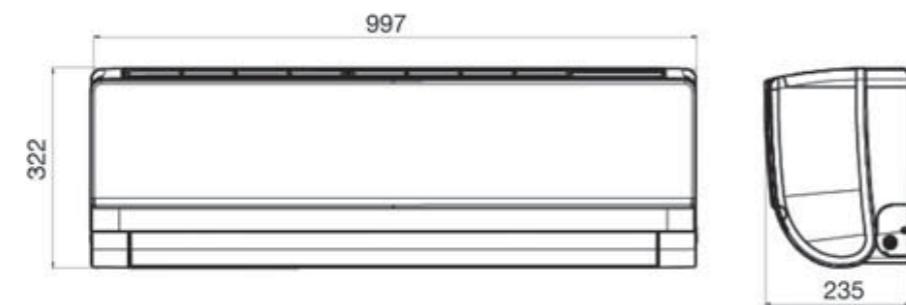
Breeza

AS07BS4HRA/AS09BS4HRA/AS12BS4HRA



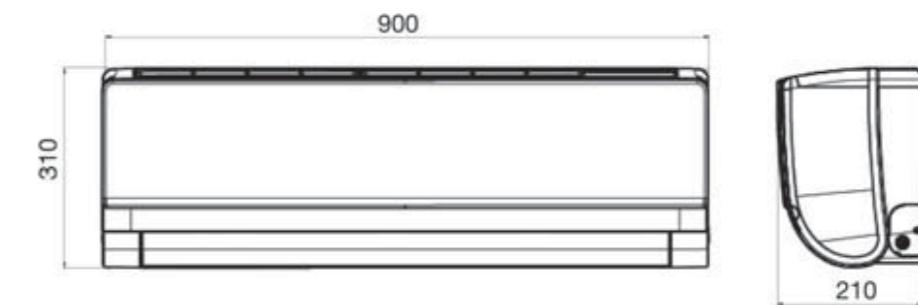
Nebula

AS18NS1HRA-WU/AS18NS1HRA-GU



Breeza

AS15BS4HRA

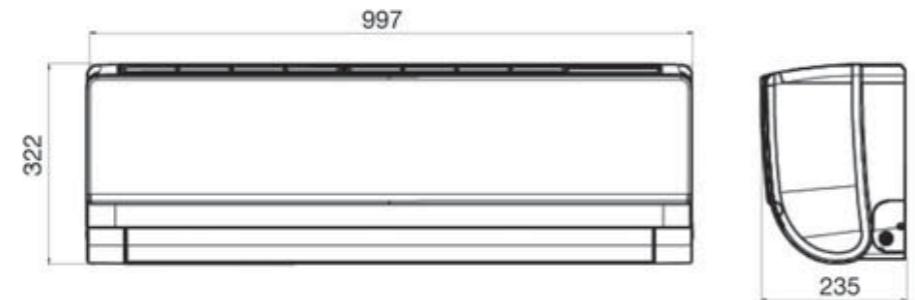


# Indoor Platform

Date / /

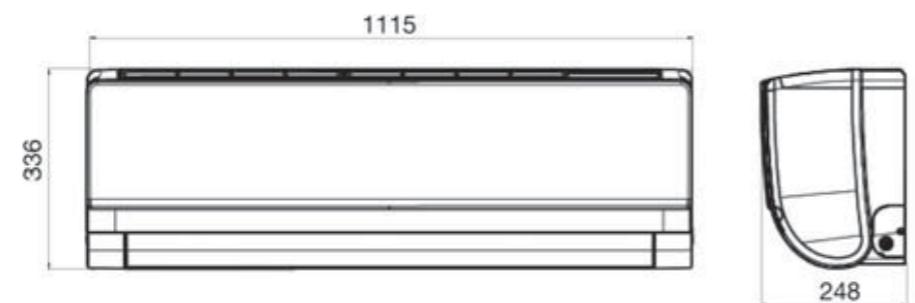
Breeza

AS18BS4HRA



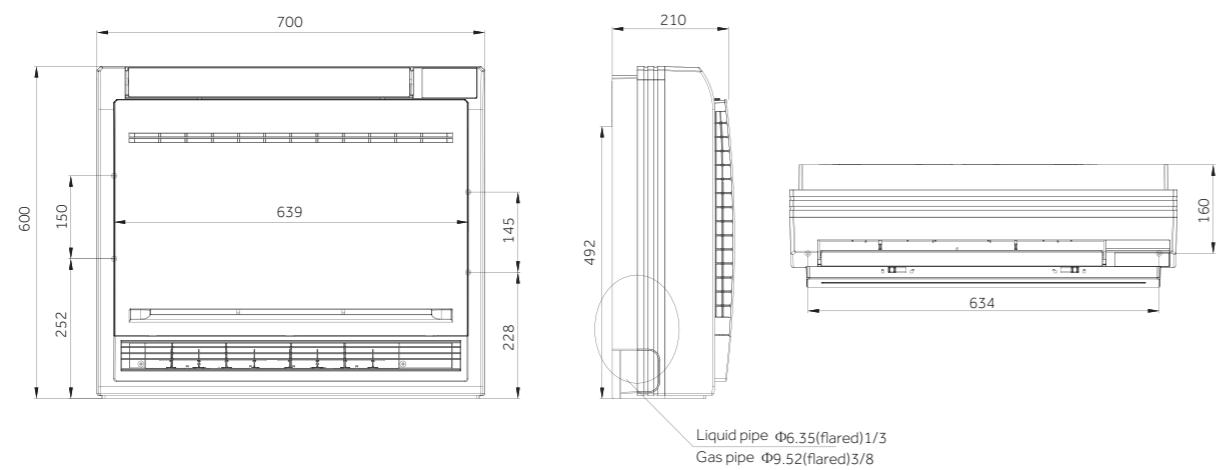
Breeza

AS24BS4HRA



New Console

AF25S2SD1FA/AF35S2SD1FA/AF42S2SD1FA



Date / /

