

Haier Commercial Air Conditioning

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AQUA

2019 General Catalogue

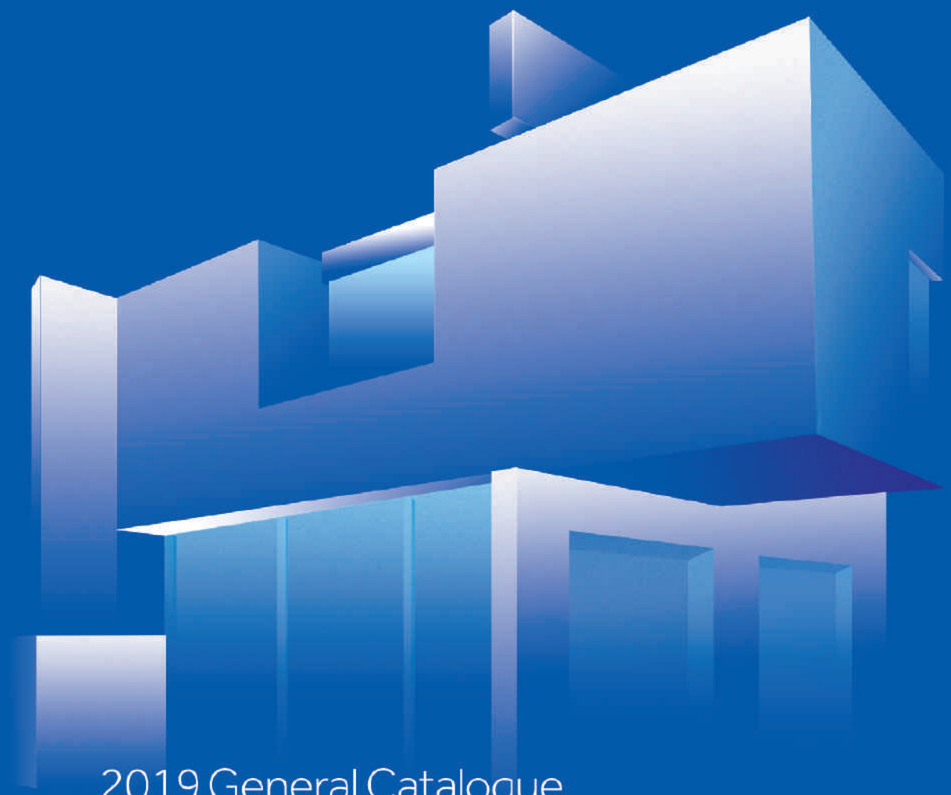
LIGHT CAC - SUPER MATCH

Commercial AC

AQUA

LIGHT CAC

SUPER MATCH



2019 General Catalogue

AQUA Commercial Air Conditioning



Haier Brand Story

The Internet era is a diverse and unconventional time, where "one size fits all" products and solutions simply aren' t enough. Customers want to be treated as individuals and respected for who they are.
Everyone wants their unique lifestyle acknowledged. That is why Haier listens closely to you in order to gain a genuine understanding of what is going on in your life and what is on your mind. So each of you can get the smart home experience you deserve: be it simple, sophisticated, organized or enjoyable.
As a worldwide industry leader, Haier innovates beyond products and solutions and turns the organization into a wholly connected platform. In doing so, internal and external resources are connected quickly and easily. We believe only by doing so, we can best meet our consumers' expectations in this rapidly evolving world.
Be part of the Haier Network. Create new possibilities.

Haier Global Network

From introduction to absorption, from manufacture to creation, Haier has been accomplishing Chinese people's goal of creating a world-renowned brand step over the past 30 years.Haier boasts 66 trading companies, 10 design R&D Centers,108 manufacturing bases and 24 innovative industrial parks across the world with a global selling network comprised of 143,300 sales outlets spanning more than 100 countries. With more than 73 thousand employees worldwide, Haier has now established a "Three in one" network layout.



Worldwide Network	Overseas	Global
Trading Company	24	66
R&D Center	8	10
Manufactory	54	108
Industry Park	12	24
Sales Network	37683	143330

Haier Global Revenue

Established in 1984, Haier is the world's **No.1** major appliance brand.



Steady growth has been achieved due to Haier's exploration of IoT business models. From the income generated by the conventional economy, Haier is expected to see its 2016 global revenue hit RMB **201.6 billion**. Online transaction volume, which reached RMB **272.7 billion**, was generated on Haier's product online platforms, B2B, B2C socialized online platforms and internet finance platforms, representing a **73%** year-on-year increase.

Haier AC Milestones

1984
Haier group was founded in Qingdao, China.

1985
Developing China's first split air conditioner.

1993
Developing China's first inverter air conditioner.

1995
Launching China's first dual split inverter conditioner.

Starting to export air conditioners to Europe market.

1996
Launching full range light commercial air conditioning solution.

1998
Launching VRF system with the cooperation with Toshiba.

Developing the first digital DC inverter air conditioner in China.

1999
Starting to export air conditioners to USA .

2001
Building up industry park in Pakistan and catching No.1 market share in 2005.

2005
Releasing R410a DC inverter X-multi system.

2006
Achieving IF design award, one of 10 creative products in the world.

Releasing R410a centrifugal chiller with maglev technology and R410a DC inverter VRF system.

2007
Achieving the bid of 20 projects of Beijing Olympic Games.

2009
Achieving red dot design award.

2010
Introducing the more advanced Freon-free DC inverter air conditioner and magnetically levitated VRF system with high energy efficiency.

2011
Launching full range of SUPER MATCH solutions covering on-off and inverter models as well as mono and multi systems.

2012
Establishing Haier Europe HOME SOLUTION platform at Lyon France to accelerate the marketing of RAC/CAC/Heat pump/Solar solution.

2013
Launching Emperor series and Aero series floor standing models which lead the innovation in design and air supply system.

2014
Establishing AC R&D center to enhance the R&D ability with more focus on users' requirement.

2015
Launching MRV IV full DC INV. technology Max. 3 modular up to 72HP.

2016
Launching Super Match Smart Power Series. high performance A++ full line.

2017
Launching MRV5 full DC INV. technology Max.4 modular up to104HP.

2018
Launching R32 Super Match Series. Providing more environmental friendly solutions.

AC 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.

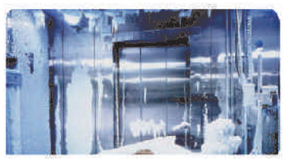
The user experience center gains recognition by domestic well-known certification and testing institutions, also is recognized by international organizations like TUV and Intertek etc. At Haier, we believe that the best air conditioning is one that builds on uncompromising quality control worldwide,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





















Global Manufacturing Capacity

Domestically, Haier AC is running 8 factories, 1 of which is MHAQ, a JV between Haier and Mitsubishi Heavy. In overseas markets, Haier is running 8 manufacturing plants.

With all these factories, Haier AC has a product capacity amounts to 20.1 million sets per year.



2019 New Product

09

3.5/5.0/7.1/9.0/10/12.5/14kW Convertible



AC35S2SG1FA/AC50S2SG1FA/AC71S2SG1FA/AC90S2SH1FA/
AC105S2SH1FA/AC125S2SK1FA/AC140S2SK1FA **(STANDARD)**
AC35S2SG2FA/AC50S2SG2FA/AC71S2SG2FA/AC90S2SH2FA/
AC105S2SH2FA/AC125S2SK2FA/AC140S2SK2FA**(HIGH-END: INTELLIGENT SENSOR+ LEFT/RIGHT SWING INDEPENDENTLY)**

Comfort Air
- Quiet to 34dB(A) (7.1kW)
- Left/right swing independently(Optional)
- Intellijent sensor(Optional)

Easy Care
- Easy to wire and maintain PCB, simply Open the grille to make it

05

10/12.5/14kW R32 Outdoor Unit (Heat Pump)

1U105S2SS1FA/1U125S2SN1FA/1U125S2SN1FB/
1U140S2SP1FA/1U140S2SP1FB



Comfort Air
- Enlarged Fan diameter to 550mm
- Night quiet mode, reducing 3dB(A)
- Brand-new 3in1 PCB

Easy Care
- Compact dimensions
- Easy wiring and maintaining the PCB

15

2.5/3.5kW Console



AF25S2SD1FA/AF35S2SD1FA

Comfort Air
- Night quiet mode (2.5kW) only 20dB(A)
- Carpet airflow
- WIFI (Optional)

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

43

13/18/25/30/36/40/48KBtu R32 Outdoor Unit (Cooling only)

1U13S1PM1SA/1U18S1PJ1SA/1U25S1PJ1SA/
1U30S1PS1SA/1U36S1PH1SA/1U36S1PH1SB/
1U40S1PN1SA/1U40S1PN1SB/1U48S1PN1SA/
1U48S1PN1SB



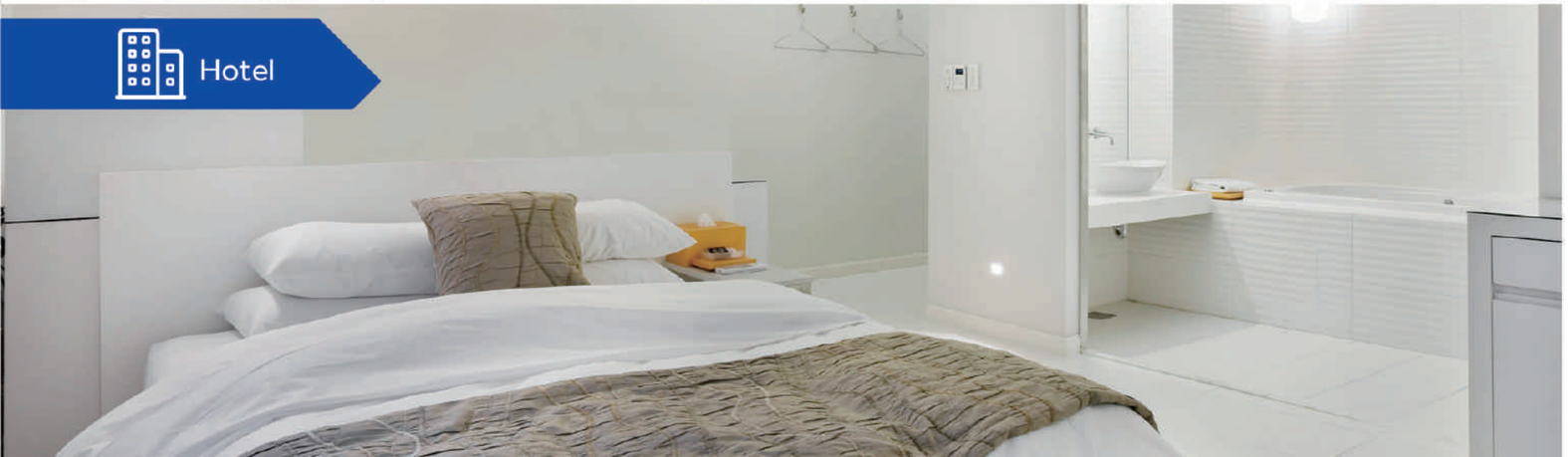
Comfort Air
- R32 new environmentally friendly refrigerant
- High efficiency :SEER up to 22.5
- Certification :EGAT 5
- Comfort Air:Quiet to 37dB(A)

Easy Care
- Double side 4 handles
- "888"digital test panel









CONTENTS

001 R32 SUPER MATCH PLUS SINGLE SPLIT (HEAT PUMP)

039 R32 SUPER MATCH PLUS SINGLE SPLIT (COOLING ONLY)

051 R32 MAXI SPLIT

059 R32 SUPER MATCH PLUS MULTI SPLIT

091 R410a SMART POWER

115 R410a SUPER MATCH CLASSIC SINGLE SPLIT

173 R410a MAXI SPLIT

181 R410a SUPER MATCH MULTI SPLIT

228 DIMENSIONS

Icon Guide

Energy Saving

A-PAM inverter technology is the upgrade of 180°sine wave inverter , it adopts additional momental control to decrease the vibration in the low compressor frequency and also contribute to great energy saving.
A-PAM DC inverter

180° sine wave DC inverter control technology , guarantee the reliable comfort and energy saving
180° sine wave DC inverter

DC motor ensures more reliable operation with much higher energy saving and lower noise.
DC motor

High performance get A++ level European standare
Energy class A++

The setting temperature and the indoor noise can be adjusted to a more comfortable level when you set"sleep mode" during night sleep.
Sleep mode

Smart

Control your air conditioning system with smart phone or tablet which can connect internet
Wi-Fi control

The wired controller can control at most 16 indoor units and operate the indoor units synchromously.
Group controller

The central conitorl system offers you a smart and convenient experience while managing your air conditioner individually or by groups or by zones
Central control

The building management modules could perfectly integrate air conditioners into the building management system,provicing an excellet solution for large commercial areas
BMS

Control the system with a room card in the remote place through the level signal. It is widely adopted in the building, hotal or other commercial space. Convenient for management.
On-Off card

Move eye intelligent system not only can catches you wherever you go for super cooling, but also avoid direct blow for your comfort
Move eye intelligent system

Health

The preset fresh air channel can bring the outside fresh air into the room, improve the room air quality, creat fresh and comfort atmosphere
Fresh air channel

Effectively prevent the smaller dust articles, insects and other materials coming into the room
Premium filter

With a new-generation hydrophilic foil, when the air conditioner in cooling or drying mode, the dust on evaporator will be taken away by condensed water flowing rapidly.
Evaporator self-cleaning

Comfort

Optimize the noise control technology,such as frequency adjustment,fan speed control and air flue design decreasing noise level lowest to 18 dB(A)
Super quiet

The powerful airflow is guaranteed with thinner blades,random pitch design results lower noise
Quiet operation

Super quiet 50dB(A)thanks to new airflow system and air outlet grille
Low sound

With specialized motor and flaps the airflow can be justed horizontally and automatically
Left & Right airflow

The air conditoner can always provide perfect air for a far distance.
Far distance air supplying

Unique 360°airflow no blind spot,increase comfort.
360°airflow

The front air deflectors are adjustable for horizontal or vertical air-conditioning, The airflow can be directed to air-condition the whole room or even a particuler point.
4-way airflow

The 3D airflow is able to deliver the airflow horizontally and vertically, so bring the feeling like nature wind.
3D auto airflow

Large louvers and a wide-swing angle range provide even temperetures throughout the room
Wide-angle airflow

Comfort

Innovative 4 motors that can realize independent air flow control
4way independent airflow

According to temperature differential between the environment temp and the setting tempe,the unit will adjust the operation mode automatically
Auto mode

The airflow is directed downwards during heating process For cooling operation auto deflection control provides comfortable cool air up and down to every conmer of the room.
Auto-swing

When the unit working in dry mode, it can adjust the indoor fan motor speed automatically according to the temperature gap between setting temperature and room temperature so as to get mild dehumidification or strong dehumidification.
DRY function

Convenience

The Innovative SUPERMATCH range realizes universal indoor & outdoor 100% free combination,which make management of sales,warehouse and spare parts much more easier and more efficient.
Super match

A special controller is designed o realize a 7 days working state programming
Weekly timer

Use the timer function to set on or off or from on to off, or from off to on etc,
24 hours timer

The function permits automatic return to previous operation conditions after a sudden power break.
Auto restart

Haier smart defrost process is only performed when needed which reduces energy waste by eliminating the unneeded defrosting process Enjoy maximum comfort in heating operation by reducing defrosting time.
Smart defrosting

Avoid the child's wrong operation on the remote controller.
Child lock

Simple 88 display shows clearly the indoor unit setting temperature(when setting) or room temperature(after setting).
Double 8 display

Select the fan speed Lo,Mid,Hi,Auto
4 fan settings

Optimise air duct work installation, maintain airflow and sound levels as required
Adjustable E.S.P

For installation convenience, connective piping and drainage housing can be attached to the left or the right side of the indoor units.
Two-way drain

Drain water lift-up mechanism, creating the ideal solution for perfect water drainage, offers more flexible installation.
Drain water pump

The cassette drain pipe prevents leaks and is easier to install with no need to use tape or adhesives
Quick installation

The cassette unit is fit with branch outlet,it can use the same indoor unit to cool another smaller room nearby
Branch outlet

Most of the units are designed to have ultra thin for an easier installation
Compact design

The outdoor new built-in valve design,it can realize 4 way pipe connection (front,rear,right,down),flexible installation
Built-in valve

Equipped with various DC components, the unit is applicable both for 50Hz and 60Hz electricity condition.
Widely electricity Hz

Reliability

A special design for heating in cold winter even at -15°C with rotary compressor, etc.
-15°C heating

A special design for heating in cold winter even at -20°C with rotary compressor,DC motor,optimized bottom plate,electric heating wire and special defrosting programme etc.
-20°C heating

Special design for cooling even at lowest ambient temperature -10°C with high frequency rotary compressor, optimized refrigerant system and special defrosting program etc.
-10°C cooling

Special design for heating even at lowest ambient temperature -15°C with high frequency rotary compressor,optimized refrigerant system and special defrosting programme etc.
-15°C cooling

A monitoring system turns off and protects the air conditioner if an issue is detected. The error or protection code is then displayed on the indoor units.
Self-diagnosis function

The 3 minutes protection of the compressor can avoid some damages to it and makes the compressor have a longer life.
3 minutes protection



R32 SUPER MATCH PLUS

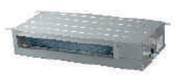
SINGLE SPLIT

(HEAT PUMP)

003 Models Line-up
005 Outdoor Unit
007 Covertible
013 Console
017 Compact Cassette
021 Round Way Cassette
027 Slim Low Pressure Duct
031 Medium Pressure Duct
035 High ESP Duct

Models Line-up

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

Type \ kW	Optional Controller	2.5	3.5	5.0		7.1	10.0 NEW	12.5 NEW	14.0 NEW
Inverter O.U. 1/220-240/50/60 3/380-415/50/60		 1U25S2SM1FA	 1U35S2SM1FA	 1U50S2SJ2FA		 1U71S2SG1FA	 1U105S2SS1FA	 1U125S2SN1FA 1U125S2SN1FB	 1U140S2SP1FA 1U140S2SP1FB
Covertible	 YR-HBS01		 AC35S2SG1FA	 AC50S2SG1FA		 AC71S2SG1FA	 AC105S2SH1FA	 AC125S2SK1FA	 AC140S2SK1FA
Console	 YR-HBS01	 AF25S2SD1FA	 AF35S2SD1FA						
Compact Cassette 4-way(Panel:PK-620KB)	 YR-HBS01		 AB35S2SC2FA	 AB50S2SC2FA					
Compact Cassette 4-way(Panel:PK-700KB)	 YR-HBS01		 AB35S2SC1FA	 AB50S2SC1FA					
Round Way Cassette	 YR-HBS01					 AB71S2SG1FA	 ABH105H1ERG	 ABH125K1ERG	 ABH140K1ERG
Slim Low ESP Duct (DC 185mm, Panel Optional)	 YR-E17		 AD35S2SS1FA	 AD50S2SS1FA		 AD71S2SS1FA			
			 P1B-890IA/D	 P1B-1210IA/D		 P1B-1210IA/D			
Medium ESP Duct (DC 248mm)	 YR-E17		 AD35S2SM3FA	 AD50S2SM3FA		 AD71S2SM3FA	 AD105S2SM3FA	 AD125S2SM3FA	 AD140S2SM3FA
High ESP Duct (DC)	 YR-E17							 ADH125H1ERG	 ADH140H1ERG



High Efficiency

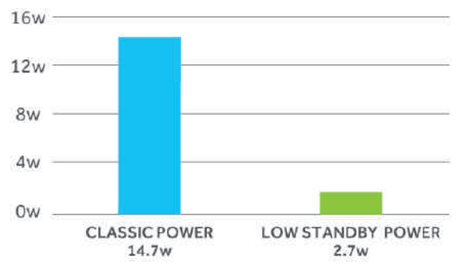
High performance

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

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

Low standby power

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

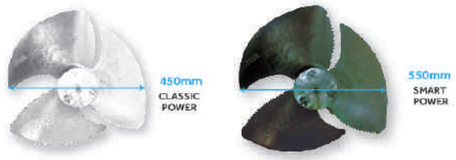


KEY FEATURE

High Efficiency

New designed fan

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



New Refrigerant R32

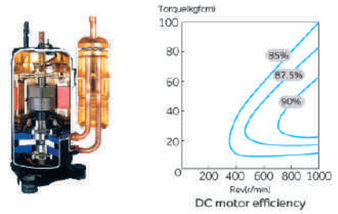
We take new refrigerant R32 which is more environment friendly. The benefits as follows;

GWP (Global Warm Potential) content :
R32 = 675 VS R410a = 2088

R32 is less than 1/3 of R410a. More environment friendly!

DC inverter system

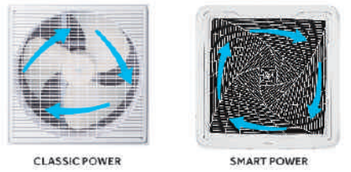
For the purpose of high seasonal performance, we take high discharge DC inverter compressor and DC fan motor with different running speed in different working conditions.



Low Sound Level

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.



Stylish Design

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.



Easy Installation

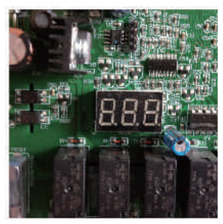
Double side 4 handles

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.





Elegant and Fashionable Design

- Big-wave shape on both sides to embody multiple levels design, Ultra thin visually;



Brand-new　　Old One

- Appearance without screw, easy care;



Brand-new

Old One

KEY FEATURE

Super Comfort

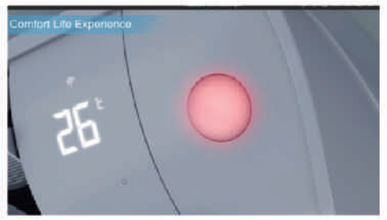
- Freestyle Airflow(Optional)

  Left /right swing individually, maxi angle degree 100°, different angle can be fixed accordingly

- Up-and-down swing angle maxi. degree 70 °;



- Intelligent sensor (optional)



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



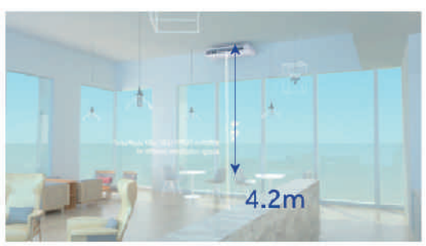
- Minimum Sound Pressure level (7.1Kw)up to 34dB(A)leading in the industry;



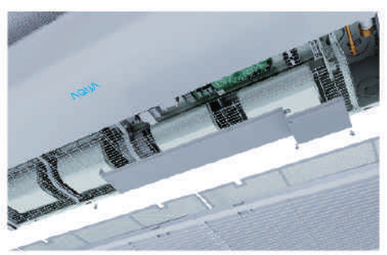


Easy Installation & Maintenance

- Turbo mode 4.2m(12.5/14KW) which is convenience for installation choice



- Easy to wire and maintain PCB: Simply Open the grille to make it;



Convertible



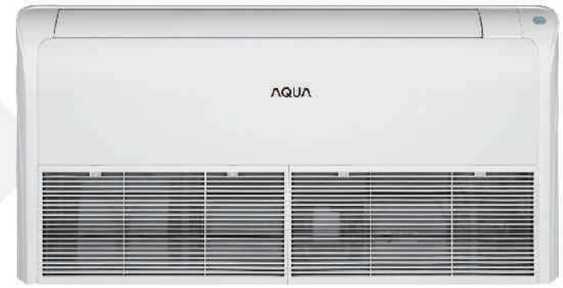
AC35S2SG1FA*
AC50S2SG1FA*



MODEL				Indoor unit	AC35S2SG1FA*	AC50S2SG1FA*
				Outoor unit	1U35S2SM1FA*	1U50S2SJ2FA*
Nominal performance data	Capacity	Cooling	Btu/h (nor)		12000	17060
			kW nor(min-max)		3.5(1.0~4.3)	5.0(1.4~5.7)
		Heating	Btu/h (nor)		13650	19800
			kW nor(min-max)		4.0(1.0~5.3)	5.8(1.4~6.0)
	Rated power input	Cooling	kW nom(min-max)		0.88(0.3~1.5)	1.45(0.5~2.0)
		Heating	kW nom(min-max)		1.1(0.5~1.6)	1.6(0.52~2.35)
	EER/COP				4.04/3.73	3.48/3.63
Seasonal performance data	Cooling P design(35°C)		kW		3.5	5
	Heating P design(-10°C)		kW		2.8	4.6
	SEER/SCOP				8.5/4.47	7.31/4.1
	Energy class(Cooling/Heating)				A+++/A+	A++/A+
	Annual energy consumption(Cooling)		kW		176	276
	Annual energy consumption(Heating)		kW		892	1566
INDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz		1/220~240/50/60	1/220~240/50/60
Performance	Air flow(H/M/L)		m^3/h		650	800
	Sound power level(H/M/L)		dB(A)		53	57
	Sound pressure level(H/M/L)		dB(A)		39/36/33	44/41/38
Installation	External dimensions(W/D/H)		mm		1000/230/680	1000/230/680
	Shipping dimensions(W/D/H)		mm		1100/305/779	1100/305/779
	Net/Shipping weight		kg		26/28	26/28
	Controller		optional		YR-HBS01	YR-HBS01
			optional		YR-E17	YR-E17
OUTDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz		1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H)		m^3/h		1800	2500
	Sound power level		dB(A)		61	63
	Sound pressure level		dB(A)		48	51
Installation	External dimensions(W/D/H)		mm		800/280/550	820/338/614
	Shipping dimensions(W/D/H)		mm		954/409/625	963/413/685
	Net/Shipping weight		kg		31.5/34	37.8/41.5
	Compressor type				Rotary	Twin rotary
	Refrigerant type				R32	R32
	GWP				675	675
	Refrigerant liquid pipe		mm		6.35	6.35
	Refrigerant gas pipe		mm		9.52	12.7
	Max pipe length		m		15	25
	Max drop between I.U.&O.U		m		10	15
	Refrigerant load in factory		kg		0.94	0.95
	Maximum pipe length without charge refrigerant		m		7	7
	Refrigerant charge quantity for extra length		g/m		20	20
Working temp.	Cooling(Min-Max)		°C		-10~43	-10~43
	Heating(Min-Max)		°C		-15~24	-15~24

* Data is pending;

AC71S2SG1FA*
AC105S2SH1FA*

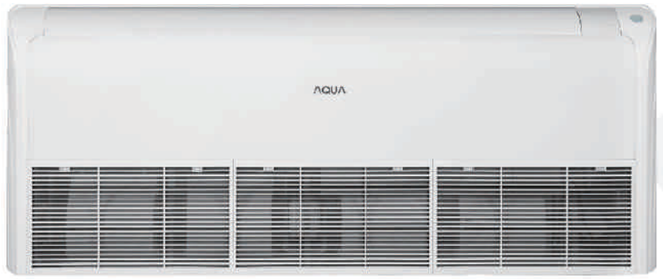




MODEL				Indoor unit	AC71S2SG1FA*	AC105S2SH1FA*
				Outoor unit	1U71S2SG1FA*	1U105S2SS1FA*
Nominal performance data	Capacity	Cooling	Btu/h (nor)		24230	32400
			kW nor(min-max)		7.1(2~7.3)	9.5(2.5~10.0)
		Heating	Btu/h (nor)		27300	34800
			kW nor(min-max)		7.5(2.5~8)	10.2(3.0~10.5)
	Rated power input	Cooling	kW nom(min-max)		2.29(0.5~2.6)	2.97(0.5~4.0)
		Heating	kW nom(min-max)		2.20(0.5~2.6)	3(0.5~4.0)
	EER/COP				3.23/3.72	3.21/3.5
Seasonal performance data	Cooling P design(35°C)		kW		7.1	9.5
	Heating P design(-10°C)		kW		5	7
	SEER/SCOP				6.1/3.8	6.1/3.6
	Energy class(Cooling/Heating)				A++/A	A++/A
	Annual energy consumption(Cooling)		kW		435	582
	Annual energy consumption(Heating)		kW		2044	2734
INDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz		1/220~240/50/60	1/220~240/50/60
Performance	Air flow(H/M/L)		m^3/h		1250/1128/930/840	1600/1400/1280/1160
	Sound power level(H/M/L)		dB(A)		62	63
	Sound pressure level(H/M/L)		dB(A)		41/38/36/33	44/41/38/36
Installation	External dimensions(W/D/H)		mm		1325/230/680	1325/230/680
	Shipping dimensions(W/D/H)		mm		1425/305/779	1425/305/779
	Net/Shipping weight		kg		33/37	33/37
	Controller		optional		YR-HBS01	YR-HBS01
			optional		YR-E17	YR-E17
OUTDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz		1/220~240/50/60	1/220~240/50/60
Performance	Air flow (H)		m^3/h		3000	3500
	Sound power level		dB(A)		70	66
	Sound pressure level		dB(A)		57	53
Installation	External dimensions(W/D/H)		mm		860/308/730	920/372/760
	Shipping dimensions(W/D/H)		mm		995/420/815	1036/478/820
	Net/Shipping weight		kg		49/52	65/70
	Compressor type				Twin rotary	Twin rotary
	Refrigerant type				R32	R32
	GWP				675	675
	Refrigerant liquid pipe		mm		9.52	9.52
	Refrigerant gas pipe		mm		15.88	15.88
	Max pipe length		m		50	50
	Max drop between I.U.&O.U		m		30	30
	Refrigerant load in factory		kg		1.3	1.5
	Maximum pipe length without charge refrigerant		m		10	30
	Refrigerant charge quantity for extra length		g/m		45	45
Working temp.	Cooling(Min-Max)		°C		-10~46	-10~46
	Heating(Min-Max)		°C		-15~24	-15~24

* Data is pending;

Convertible

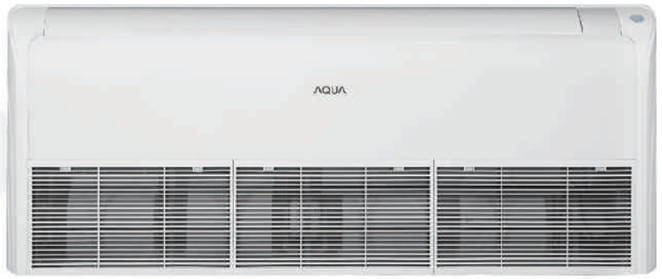


AC125S2SK1FA*
AC125S2SK1FA*



MODEL			Indoor unit	AC125S2SK1FA*	AC125S2SK1FA*
			Outoor unit	1U125S2SN1FA*	1U125S2SN1FB*
Nominal performance data	Capacity	Cooling	Btu/h (nor)	41300	41300
			kW nor(min-max)	12.1(3.0~12.8)	12.1(3.0~12.8)
		Heating	Btu/h (nor)	43000	43000
			kW nor(min-max)	12.6(2.9~13.5)	12.6(2.9~13.5)
	Rated power input	Cooling	kW nom(min-max)	4.38(0.3~6)	4.38(0.3~6)
		Heating	kW nom(min-max)	3.8(0.3~6)	3.8(0.3~6)
	EER/COP			2.75/3.25	2.75/3.25
	Cooling P design(35°C)		kW	12.1	12.1
Seasonal performance data	Heating P design(-10°C)		kW	8.3	8.3
	SEER/SCOP			5.86/3.81	5.86/3.81
	Energy class(Cooling/Heating)			/	/
	Annual energy consumption(Cooling)		kW	723	723
	Annual energy consumption(Heating)		kW	3129	3129
INDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m^3/h	2050/1900/1600/1400	2050/1900/1600/1400
	Sound power level(H/M/L)		dB(A)	64	64
	Sound pressure level(H/M/L)		dB(A)	46/43/41/38	46/43/41/38
Installation	External dimensions(W/D/H)		mm	1650/230/680	1650/230/680
	Shipping dimensions(W/D/H)		mm	1750/305/779	1750/305/779
	Net/Shipping weight		kg	44/50	44/50
	Controller		optional	YR-HBS01	YR-HBS01
			optional	YR-E17	YR-E17
OUTDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	3N/380~415V.50/60
Performance	Air flow (H)		m^3/h	4000	4000
	Sound power level		dB(A)	68	68
	Sound pressure level		dB(A)	52	52
Installation	External dimensions(W/D/H)		mm	965/950/370	965/950/370
	Shipping dimensions(W/D/H)		mm	1095/1050/450	1095/1050/450
	Net/Shipping weight		kg	82/94	83/95
	Compressor type			Twin rotary	Twin rotary
	Refrigerant type			R32	R32
	GWP			675	675
	Refrigerant liquid pipe		mm	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88
	Max pipe length		m	50	50
	Max drop between I.U.&O.U		m	30	30
	Refrigerant load in factory		kg	2	2
	Maximum pipe length without charge refrigerant		m	30	30
	Refrigerant charge quantity for extra length		g/m	45	45
Working temp.	Cooling(Min-Max)		°C	-10~46	-10~46
	Heating(Min-Max)		°C	-15~24	-15~24

* Data is pending;



AC140S2SK1FA*
AC140S2SK1FA*



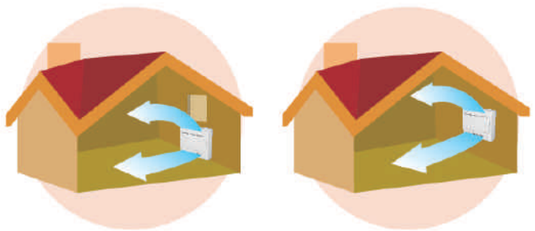
MODEL			Indoor unit	AC140S2SK1FA*	AC140S2SK1FA*
			Outoor unit	1U140S2SP1FA*	1U140S2SP1FB*
Nominal performance data	Capacity	Cooling	Btu/h (nor)	45732	45732
			kW nor(min-max)	13.4	13.4
		Heating	Btu/h (nor)	49486	49486
			kW nor(min-max)	14.5	14.5
	Rated power input	Cooling	kW nom(min-max)	7.2	7.2
		Heating	kW nom(min-max)	7.2	7.2
	EER/COP			3.21/3.73	3.21/3.73
	Cooling P design(35°C)		kW	13.4	13.4
Seasonal performance data	Heating P design(-10°C)		kW	11	11
	SEER/SCOP			6.1/3.9	6.1/4
	Energy class(Cooling/Heating)			/	/
	Annual energy consumption(Cooling)		kW	/	/
	Annual energy consumption(Heating)		kW	/	/
INDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60
Performance	Air flow(H/M/L)		m^3/h	2150/1980/1800/1600	2150/1980/1800/1600
	Sound power level(H/M/L)		dB(A)	66	66
	Sound pressure level(H/M/L)		dB(A)	48/46/43/40	48/46/43/40
Installation	External dimensions(W/D/H)		mm	1650/230/680	1650/230/680
	Shipping dimensions(W/D/H)		mm	1750/305/779	1750/305/779
	Net/Shipping weight		kg	42/50	42/50
	Controller		optional	YR-HBS01	YR-HBS01
			optional	YR-E17	YR-E17
OUTDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	3/380~415/50/60
Performance	Air flow (H)		m^3/h	7000	7000
	Sound power level		dB(A)	70	70
	Sound pressure level		dB(A)		
Installation	External dimensions(W/D/H)		mm	1350/950/370	1350/950/370
	Shipping dimensions(W/D/H)		mm	1500/1090/480	1500/1090/480
	Net/Shipping weight		kg	105/118	108/121
	Compressor type			twin rotary	twin rotary
	Refrigerant type			R32	R32
	GWP			675	675
	Refrigerant liquid pipe		mm	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88
	Max pipe length		m	75	75
	Max drop between I.U.&O.U		m	30	30
	Refrigerant load in factory		kg	2.9	2.9
	Maximum pipe length without charge refrigerant		m	30	30
	Refrigerant charge quantity for extra length		g/m	45	45
Working temp.	Cooling(Min-Max)		°C	-15~52	-15~52
	Heating(Min-Max)		°C	-20~24	-20~24

* Data is pending;



Easy Installation

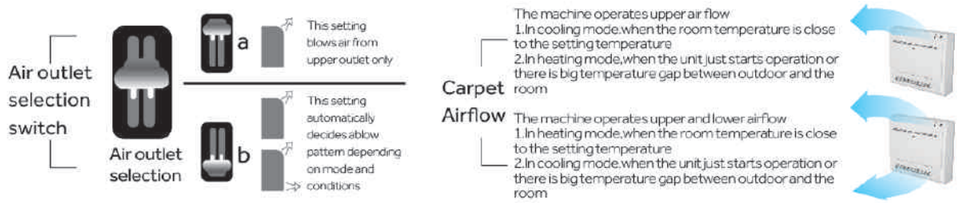
- The indoor units can be installed on the floor or on the wall. It's more flexible and easy for installation.



KEY FEATURE

Carpet Airflow

- When switch to two-way airflow mode, the machine would make automatic adjustment for carpet airflow. Under cool mode, for the beginning the wind blows from the upper and lower outlet, and once reaches the setting temperature, the wind will shift to upper airflow. Under heat mode, for the beginning the wind blows from the upper outlet, and once reaches the setting temperature, the wind will shift to upper and lower airflow.



Super Silent

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



Wifi (Optional)



Console



AF25S2SD1FA*
AF35S2SD1FA*



YR-HBS01

MODEL			Indoor unit	AF25S2SD1FA*	AF35S2SD1FA*
			Outoor unit	1U25S2SM1FA*	1U35S2SM1FA*
Nominal performance data	Capacity	Cooling	Btu/h (nor)	8530(2730~10240)	11600(3410~13650)
			kW nor(min-max)	2.5(0.8~3.0)	3.4(1.0~4.0)
		Heating	Btu/h (nor)	9550(2730~11950)	11950(3410~15360)
			kW nor(min-max)	7500	8530
	Rated power input	Cooling	kW nom(min-max)	0.65(0.2~1.5)	0.88(0.3~1.5)
		Heating	kW nom(min-max)	0.95(0.3~1.6)	1.05(0.5~1.6)
	EER/COP			3.8/3.23	3.6/3.46
Seasonal performance data	Cooling P design(35°C)		kW	2.5	3.4
	Heating P design(-10°C)		kW	2.2	2.4
	SEER/SCOP			7.9/4.1	7.6/4.0
	Energy class(Cooling/Heating)			A++/A+	A++/A+
	Annual energy consumption(Cooling)		kW	115	150
	Annual energy consumption(Heating)		kW	798	962
INDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60
Performance	Air flow(H/M/L)		m^3/h	450	500
	Sound power level(H/M/L)		dB(A)	55	56
	Sound pressure level(H/M/L)		dB(A)	40/32/25/20	42/34/26/21
Installation	External dimensions(W/D/H)		mm	700/210/600	700/210/600
	Shipping dimensions(W/D/H)		mm	783/303/695	783/303/695
	Net/Shipping weight		kg	16.5/18.5	16.5/18.5
	Controller		standard	YR-HBS01	YR-HBS01
			optional	YR-E17	YR-E17
OUTDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H)		m^3/h	1600	1800
	Sound power level		dB(A)	59	61
	Sound pressure level		dB(A)	47	48
Installation	External dimensions(W/D/H)		mm	800/280/550	800/280/550
	Shipping dimensions(W/D/H)		mm	954/409/625	954/409/625
	Net/Shipping weight		kg	29/31.5	31.5/34
	Compressor type			Rotary	Rotary
	Refrigerant type			R32	R32
	GWP			675	675
	Refrigerant liquid pipe		mm	6.35	6.35
	Refrigerant gas pipe		mm	9.52	9.52
	Max pipe length		m	15	15
	Max drop between I.U.&O.U		m	10	10
	Refrigerant load in factory		kg	0.65	0.94
	Maximum pipe length without charge refrigerant		m	7	7
	Refrigerant charge quantity for extra length		g/m	20	20
Working temp.	Cooling(Min-Max)		°C	-10~43	-10~43
	Heating(Min-Max)		°C	-15~24	-15~24

* Data is pending;

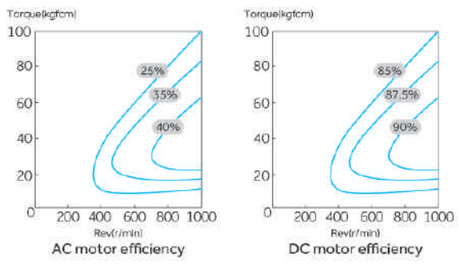




High Efficiency

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;

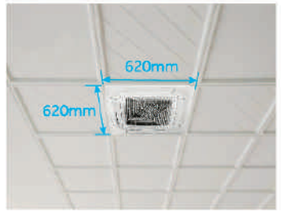


KEY FEATURE

Comfort

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 Care

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;



Comfort Air

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".



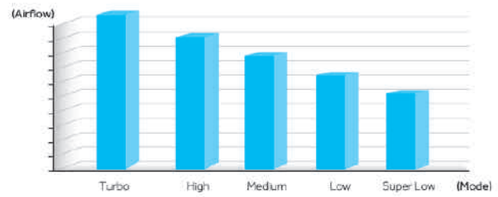
corner installation solution



comfort solution

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)



"Spiral " panel

"Spiral" concept , "Haier" image .



Flap is closed when air conditioner off

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



Compact Cassette



AB35S2SC1FA*
AB50S2SC1FA*



MODEL			Indoor unit	AB35S2SC1FA*	AB50S2SC1FA*
			Outoor unit	1U35S2SM1FA*	1U50S2SJ2FA*
Nominal performance data	Capacity	Cooling	Btu/h (nor)	12000	17000
			kW nor(min-max)	3.50(0.9~4.5)	5.0(1.8~5.8)
		Heating	Btu/h (nor)	12600	18800
			kW nor(min-max)	4.0(1~4.8)	5.5(2~6.5)
	Rated power input	Cooling	kW nom(min-max)	1.06(0.28~1.8)	1.53(0.55~2)
		Heating	kW nom(min-max)	0.99(0.28~1.8)	1.52(0.6~2)
	EER/COP			3.31/3.71	3.26/3.42
Seasonal performance data	Cooling P design(35°C)		kW	3.5	5
	Heating P design(-10°C)		kW	3.0	4
	SEER/SCOP			6.1/3.8	6.1/3.8
	Energy class(Cooling/Heating)			A++/A	A++/A
	Annual energy consumption(Cooling)		kW	222	363
	Annual energy consumption(Heating)		kW	1427	1932
INDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60
Performance	Air flow(H/M/L)		m^3/h	620/520/450	700/620/500
	Sound power level(H/M/L)		dB(A)	52	55
	Sound pressure level(H/M/L)		dB(A)	36/33/30	42/37/35
Installation	External dimensions(W/D/H)		mm	570/570/260	570/570/260
	Shipping dimensions(W/D/H)		mm	718/680/380	718/680/380
	Net/Shipping weight		kg	18.5/22	19/22
	Controller		optional	YR-HBS01	YR-HBS01
			optional	YR-E17	YR-E17
Panel	Panel Model			PB-700KB	PB-700KB
	External dimensions(W/D/H)		mm	700/700/60	700/700/60
	Shipping dimensions(W/D/H)		mm	740/750/115	740/750/115
	Net/Shipping weight		kg	2.8/4.8	2.8/4.8
OUTDOOR UNIT					
Elec. parameters	Power supply		Ph/V/Hz	1/230/50	1/230/50
Performance	Air flow (H)		m^3/h	1800	2500
	Sound power level		dB(A)	61	63
	Sound pressure level		dB(A)	48	51
Installation	External dimensions(W/D/H)		mm	800/280/550	820/338/614
	Shipping dimensions(W/D/H)		mm	954/409/625	963/413/685
	Net/Shipping weight		kg	31.5/34	37.8/41.5
	Compressor type			Rotary	Twin rotary
	Refrigerant type			R32	R32
	GWP			675	675
	Refrigerant liquid pipe		mm	6.35	6.35
	Refrigerant gas pipe		mm	9.52	12.7
	Max pipe length		m	15	25
	Max drop between I.U.&O.U		m	10	15
	Refrigerant load in factory		kg	0.94	0.95
	Maximum pipe length without charge refrigerant		m	5	5
	Refrigerant charge quantity for extra length		g/m	20	20
Working temp.	Cooling(Min-Max)		°C	-10~43	-10~43
	Heating(Min-Max)		°C	-15~24	-15~24

* Data is pending;

AB35S2SC2FA*
AB50S2SC2FA*





MODEL			Indoor unit	AB35S2SC2FA*	AB50S2SC2FA*
			Outoor unit	1U35S2SM1FA*	1U50S2SJ2FA*
Nominal performance data	Capacity	Cooling	Btu/h (nor)	12000	17000
			kW nor(min-max)	3.50(0.9~4.5)	5.0(1.8~5.8)
		Heating	Btu/h (nor)	12600	18800
			kW nor(min-max)	4.0(1~4.8)	5.5(2~6.5)
	Rated power input	Cooling	kW nom(min-max)	1.06(0.28~1.8)	1.53(0.55~2)
		Heating	kW nom(min-max)	0.99(0.28~1.8)	1.52(0.6~2)
	EER/COP			3.31/3.71	3.26/3.42
Seasonal performance data	Cooling P design(35°C)		kW	3.5	5
	Heating P design(-10°C)		kW	3.0	4
	SEER/SCOP			6.1/3.8	6.1/3.8
	Energy class(Cooling/Heating)			A++/A	A++/A
	Annual energy consumption(Cooling)		kW	222	363
	Annual energy consumption(Heating)		kW	1427	1932
INDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60
Performance	Air flow(H/M/L)		m^3/h	620/520/450	700/620/500
	Sound power level(H/M/L)		dB(A)	52	55
	Sound pressure level(H/M/L)		dB(A)	36/33/30/27	42/37/35/32
Installation	External dimensions(W/D/H)		mm	570/570/260	570/570/260
	Shipping dimensions(W/D/H)		mm	718/680/380	718/680/380
	Net/Shipping weight		kg	18.5/22	19/22
	Controller		optional	YR-HBS01	YR-HBS01
			optional	YR-E17	YR-E17
Panel	Panel Model			PB-620KB	PB-620KB
	External dimensions(W/D/H)		mm	620/620/60	620/620/60
	Shipping dimensions(W/D/H)		mm	656/653/95	656/653/95
	Net/Shipping weight		kg	2.8/4.8	2.8/4.8
OUTDOOR UNIT					
Elec. parameters	Power supply		Ph/V/Hz	1/230/50	1/230/50
Performance	Air flow (H)		m^3/h	1800	2500
	Sound power level		dB(A)	61	63
	Sound pressure level		dB(A)	48	51
Installation	External dimensions(W/D/H)		mm	800/280/550	820/338/614
	Shipping dimensions(W/D/H)		mm	954/409/625	963/413/685
	Net/Shipping weight		kg	31.5/34	37.8/41.5
	Compressor type			Rotary	Twin rotary
	Refrigerant type			R32	R32
	GWP			675	675
	Refrigerant liquid pipe		mm	6.35	6.35
	Refrigerant gas pipe		mm	9.52	12.7
	Max pipe length		m	15	25
	Max drop between I.U.&O.U		m	10	15
	Refrigerant load in factory		kg	0.94	0.95
	Maximum pipe length without charge refrigerant		m	5	5
	Refrigerant charge quantity for extra length		g/m	20	20
Working temp.	Cooling(Min-Max)		°C	-10~43	-10~43
	Heating(Min-Max)		°C	-15~24	-15~24

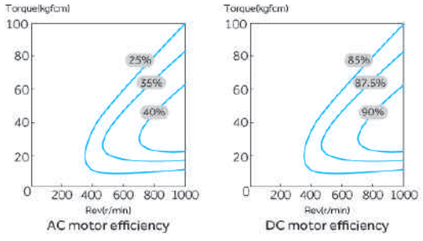
* Data is pending;



High Efficiency

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.



KEY FEATURE

Stylish Design

"Spiral " panel

"Spiral" concept , "Haier" image .



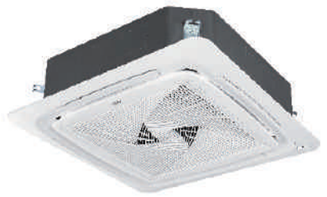
Hidden LCD display

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.



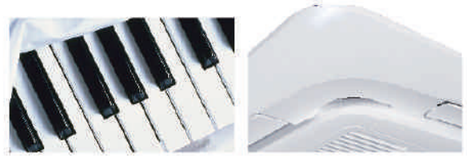
Flap is closed when air conditioner off

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



ABS material panel

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



Low Sound Level

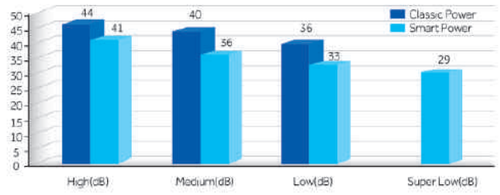
Super big inlet grille

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



Fan speed programme

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



Brand-new designed fan

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



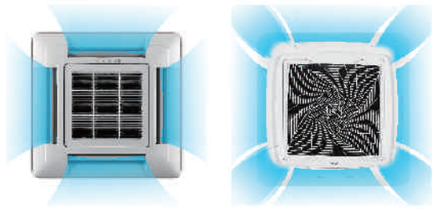
Series	Classic Power	Smart Power
Cooling Capacity	8kW	9kW
Model	AB28ES1ERA(S)	ABH090H1ERG

KEY FEATURE

Comfort Airflow

Round way air supply

Round way air supply without blind spot.

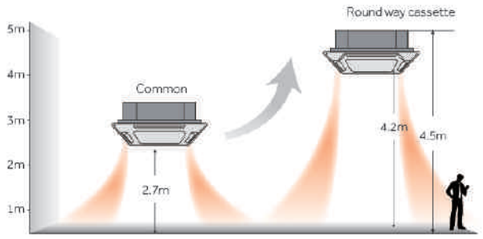


4 way airflow　　Unique round way air flow design

High ceiling mode

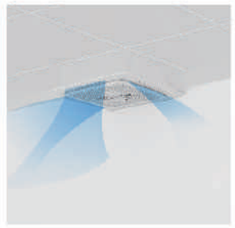
Lots of shops are 5 meters high ceiling. This model can be installed in 4.5 metres height. The best solution for high ceiling shop.

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

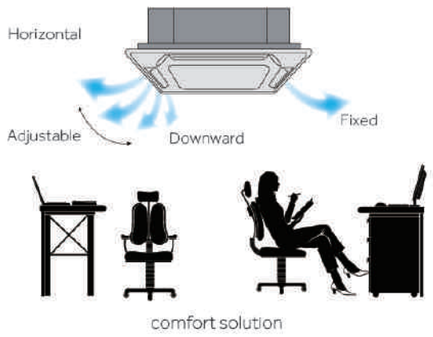


Individual flap control

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".



corner installation solution

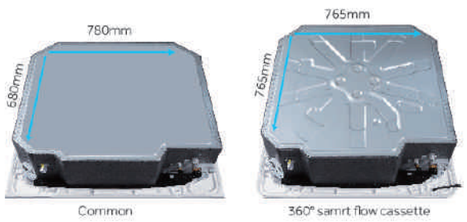


comfort solution

Easy Installation

Square hanger

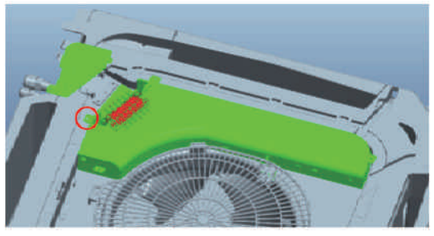
Unit body size: 765*765mm,innovative square hanger, flexible direction adjustment for installation .



Common　　360° samrt flow cassette

Dismantling only 1 screw

Installer can finish wiring by taking down 1 screw.



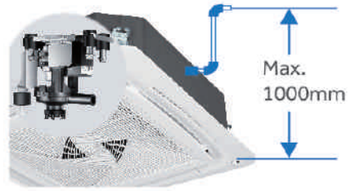
Convenient clip

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

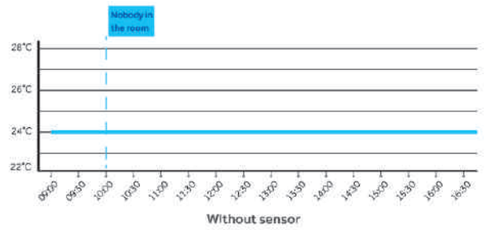
It can lifts condensed water up to 1000mm, which is more flexible to install the duct according to the layout.



Move Eye Intelligent System(Optional)

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) .



Automatic airflow direction

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



Round Way Cassette



AB71S2SG1FA*
ABH105H1ERG*
ABH125K1ERG*



MODEL			Indoor unit	AB71S2SG1FA*	ABH105H1ERG*	ABH125K1ERG*
			Outoor unit	1U71S2SG1FA*	1U105S2SS1FA*	1U125S2SN1FA*
Nominal performance data	Capacity	Cooling	Btu/h (nor)	22200	31621	41300
			kW nor(min-max)	7.1(2~7.3)	9.5(2.5~10.0)	12.1(2.4~12.7)
		Heating	Btu/h (nor)	24300	34800	42400
			kW nor(min-max)	8.0(2.5~8)	10.2(3.0~10.5)	12.4(1.8~13.0)
	Rated power input	Cooling	kW nom(min-max)	2.20(0.5~2.6)	3.1(0.5~4.0)	4.38(0.2~4.9)
		Heating	kW nom(min-max)	1.91(0.5~2.6)	2.91(0.5~4.0)	3.9(0.3~4.9)
	EER/COP			3.23/3.72	3/3.5	2.64/3.08
	Cooling P design(35°C)		kW	7.1	9.5	12.1
	Heating P design(-10°C)		kW	5	7.5	8.3
Seasonal performance data	SEER/SCOP			6.1/3.8	6.0/3.6	6.0/3.7
	Energy class(Cooling/Heating)			A++/A	A++/A	/
	Annual energy consumption(Cooling)		kW	435	582	711
	Annual energy consumption(Heating)		kW	2044	2734	3295
INDOOR UNIT						
Elec. 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	1260/1070/820/680	1680/1530/1320/1190	1950/1600/1440/1200
	Sound power level(H/M/L)		dB(A)	55	62	64
	Sound pressure level(H/M/L)		dB(A)	36/33/29/26	45/42/38/34	47/44/38/34
Installation	External dimensions(W/D/H)		mm	840/840/204	840/840/246	840/840/288
	Shipping dimensions(W/D/H)		mm	990/990/310	990/990/310	990/990/380
	Net/Shipping weight		kg	27/32	31/36	32/38
	Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01
			optional	YR-E17	YR-E17	YR-E17
Panel	Panel Model			PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)
	External dimensions(W/D/H)		mm	950/950/50	950/950/50	950/950/50
	Shipping dimensions(W/D/H)		mm	1000/1000/110	1000/1000/110	1000/1000/110
	Net/Shipping weight		kg	6.5/9	6.5/9	6.5/9
OUTDOOR UNIT						
Elec. 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)		m³/h	3000	3500	4000
	Sound power level		dB(A)	70	66	68
	Sound pressure level		dB(A)	57	52	52
Installation	External dimensions(W/D/H)		mm	860/308/730	920/372/760	965/950/370
	Shipping dimensions(W/D/H)		mm	995/420/815	1036/478/820	1095/1050/450
	Net/Shipping weight		kg	49/52	65/70	82/94
	Compressor type			Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R32	R32	R32
	GWP			675	675	675
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88	15.88
	Max pipe length		m	50	50	50
	Max drop between I.U.&O.U		m	30	30	30
	Refrigerant load in factory		kg	1.3	1.5	2
	Maximum pipe length without charge refrigerant		m	10	30	30
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-10~46	-10~46	-10~46
	Heating(Min-Max)		°C	-15~24	-15~24	-15~24

* Data is pending;

ABH125K1ERG*
ABH140K1ERG*
ABH140K1ERG*





MODEL			Indoor unit	ABH125K1ERG*	ABH140K1ERG*	ABH140K1ERG*
			Outoor unit	1U125S2SN1FB*	1U140S2SP1FA*	1U140S2SP1FB*
Nominal performance data	Capacity	Cooling	Btu/h (nor)	41300	44000	44000
			kW nor(min-max)	12.1(2.4~12.7)	13.1	13.1
		Heating	Btu/h (nor)	42400	49486	49486
			kW nor(min-max)	12.4(1.8~13.0)	14.2	14.2
	Rated power input	Cooling	kW nom(min-max)	4.38(0.2~4.9)	7.2	7.2
		Heating	kW nom(min-max)	3.9(0.3~4.9)	7.2	7.2
	EER/COP			2.64/3.08	3.15/3.41	3.15/3.41
	Cooling P design(35°C)		kW	12.1	13	13
	Heating P design(-10°C)		kW	8.3	10	10
Seasonal performance data	SEER/SCOP			6.0/3.7	6.1/3.8	6.1/3.8
	Energy class(Cooling/Heating)			/	/	/
	Annual energy consumption(Cooling)		kW	711	/	/
	Annual energy consumption(Heating)		kW	3295	/	/
INDOOR UNIT						
Elec. 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	1950/1600/1440/1200	1950/1600/1440/1200	1950/1600/1440/1200
	Sound power level(H/M/L)		dB(A)	64	64	64
	Sound pressure level(H/M/L)		dB(A)	47/44/38/34	47/44/38/34	47/44/38/34
Installation	External dimensions(W/D/H)		mm	840/840/288	840/840/288	840/840/288
	Shipping dimensions(W/D/H)		mm	990/990/380	990/990/380	990/990/380
	Net/Shipping weight		kg	32/38	32/38	32/38
	Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01
			optional	YR-E17	YR-E17	YR-E17
Panel	Panel Model			PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)
	External dimensions(W/D/H)		mm	950/950/50	950/950/50	950/950/50
	Shipping dimensions(W/D/H)		mm	1000/1000/110	1000/1000/110	1000/1000/110
	Net/Shipping weight		kg	6.5/9	6.5/9	6.5/9
OUTDOOR UNIT						
Elec. parameters	Power supply		Ph/V/Hz	3/380~415/50/60	1/220~240/50/60	3/380~415/50/60
Performance	Air flow (H)		m³/h	4000	7000	7000
	Sound power level		dB(A)	68	70	70
	Sound pressure level		dB(A)	52	53	53
Installation	External dimensions(W/D/H)		mm	965/950/370	1350/950/370	1350/950/370
	Shipping dimensions(W/D/H)		mm	1095/1050/450	1500/1090/480	1500/1090/480
	Net/Shipping weight		kg	83/95	105/118	108/121
	Compressor type			Twin rotary	twin rotary	twin rotary
	Refrigerant type			R32	R32	R32
	GWP			675	675	675
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88	15.88
	Max pipe length		m	50	75	75
	Max drop between I.U.&O.U		m	30	30	30
	Refrigerant load in factory		kg	2	2.9	2.9
	Maximum pipe length without charge refrigerant		m	30	30	30
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-10~46	-15~52	-15~52
	Heating(Min-Max)		°C	-15~24	-20~24	-20~24

* Data is pending;

SLIM LOW ESP
DUCT



Design Flexibility

Super thin design

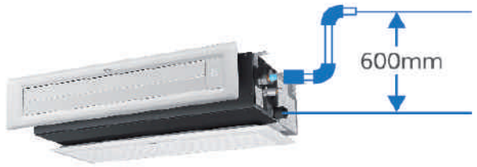
The height of slim low pressure duct unit is 185mm only , which is advanced in the industry and make the silmmest ceiling drop.



KEY FEATURE

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 ;



Left or right drain outlet

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



Comfort

Super silent

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



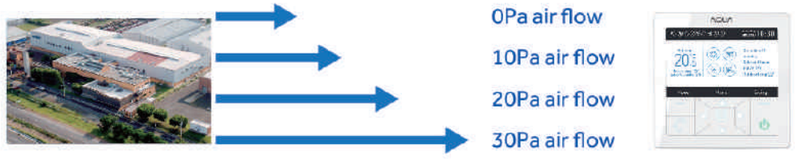
3D Airflow Grille

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



Adjusted ESP by Wired Controller

We takes DC fan motor design , ESP can be adjusted by wired controller YR-E17/YR-E16A, so installer don't need to climb the ladders to adjust ESP; There are 4 steps ESP can be adjusted by wired controller , represent for : 0/10/20/30 pa ;



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

Slim Low Pressure Duct



AD35S2SS1FA*



MODEL				AD35S2SS1FA*
	Standard Indoor unit(drain pump included)			AD35S2SS1FA*
	Optional Indoor unit(drain pump excluded)			AD35S2SS2FA*
	Outoor unit			1U35S2SM1FA*
Nominal performance data	Capacity	Cooling	Btu/h (nominal)	12000
			kW nominal(min-max)	3.50(0.9~4.5)
		Heating	Btu/h (nominal)	13700
			kW nominal(min-max)	4.00(1~4.8)
	Rated power input	Cooling	kW nom(min-max)	1.03(0.28~1.8)
		Heating	kW nom(min-max)	1.07(0.28~1.8)
	EER/COP			3.3/3.73
Seasonal performance data	Cooling P design(35°C)		kW	3.5
	Heating P design(-10°C)		kW	3
	SEER/SCOP			6.1/3.8
	Energy class(Cooling/Heating)			A++/A
	Annual energy consumption(Cooling)		kW	241
	Annual energy consumption(Heating)		kW	1427
INDOOR UNIT				
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60
Performance	Air flow(H/M/L)		m^3/h	600/480/420
	External static pressure		Pa	0/10/20/30
	Sound power level(H/M/L)		dB(A)	53
	Sound pressure level(H/M/L)		dB(A)	33/28/25
Installation	External dimensions(W/D/H)		mm	850/420/185
	Shipping dimensions(W/D/H)		mm	1025/525/260
	Net/Shipping weight		kg	16/21
	Controller		optional	YR-E17
			optional	Please refer to control system in catalogue
Panel	Panel Model			P1B-890IA/D
	External dimensions(W/D/H)		mm	890/190/100(outlet panel)/890/290.5/32.4(inlet panel)
	Shipping dimensions(W/D/H)		mm	938/335/220
	Net/Shipping weight		kg	4/5
OUTDOOR UNIT				
Electrical Parameters	Power supply		Ph/V/Hz	1/230/50
Performance	Air flow (H)		m^3/h	1800
	Sound power level		dB(A)	61
	Sound pressure level		dB(A)	48
Installation	External dimensions(W/D/H)		mm	800/280/550
	Shipping dimensions(W/D/H)		mm	954/409/625
	Net/Shipping weight		kg	31.5/34
	Compressor type			Rotary
	Refrigerant type			R32
	GWP			675
	Refrigerant liquid pipe		mm	6.35
	Refrigerant gas pipe		mm	9.52
	Max pipe length		m	15
	Max drop between I.U.&O.U		m	10
	Refrigerant load in factory		kg	0.94
	Maximum pipe length without charge refrigerant		m	5
	Refrigerant charge quantity for extra length		g/m	20
Working temp.	Cooling(Min-Max)		°C	-10~43
	Heating(Min-Max)		°C	-15~24

* Data is pending;

AD50S2SS1FA*
AD71S2SS1FA*





MODEL				AD50S2SS1FA*	AD71S2SS1FA*
	Standard Indoor unit(drain pump included)			AD50S2SS1FA*	AD71S2SS1FA*
	Optional Indoor unit(drain pump excluded)			AD50S2SS2FA*	AD71S2SS2FA*
	Outoor unit			1U50S2SJ2FA*	1U71S2SG1FA*
Nominal performance data	Capacity	Cooling	Btu/h (nominal)	17000	24000
			kW nominal(min-max)	5.0(1.8~6)	7.1(2~7.6)
		Heating	Btu/h (nominal)	18800	24200
			kW nominal(min-max)	5.5(2~6.2)	7.5(3~8.3)
	Rated power input	Cooling	kW nom(min-max)	1.53(0.55~2.1)	2.19(0.6~2.9)
		Heating	kW nom(min-max)	1.47(0.6~2.1)	2.01(0.6~2.9)
	EER/COP			3.26/3.73	3.24/3.73
Seasonal performance data	Cooling P design(35°C)		kW	5	7.1
	Heating P design(-10°C)		kW	4.3	5.6
	SEER/SCOP			6.1/3.8	5.6/3.8
	Energy class(Cooling/Heating)			A++/A	A+/A
	Annual energy consumption(Cooling)		kW	315	446
	Annual energy consumption(Heating)		kW	1961	2089
INDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60
Performance	Air flow(H/M/L)		m^3/h	900/750/600	1000/850/750
	External static pressure		Pa	0/10/20/30	0/10/20/30
	Sound power level(H/M/L)		dB(A)	54	57
	Sound pressure level(H/M/L)		dB(A)	36/34/32	38/35/33
Installation	External dimensions(W/D/H)		mm	1170/420/185	1170/420/185
	Shipping dimensions(W/D/H)		mm	1365/540/270	1365/540/270
	Net/Shipping weight		kg	22/28	24/30
	Controller		optional	YR-E17	YR-E17
			optional	Please refer to control system in catalogue	
Panel	Panel Model			P1B-1210IA/D	P1B-1210IA/D
	External dimensions(W/D/H)		mm	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	1258/335/220	1258/335/220
	Net/Shipping weight		kg	5/6	5/6
OUTDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/230/50	1/220~240/50/60
Performance	Air flow (H)		m^3/h	2500	3000
	Sound power level		dB(A)	63	70
	Sound pressure level		dB(A)	51	57
Installation	External dimensions(W/D/H)		mm	820/338/614	860/308/730
	Shipping dimensions(W/D/H)		mm	963/413/685	995/420/815
	Net/Shipping weight		kg	37.8/41.5	49/52
	Compressor type			Twin rotary	Twin rotary
	Refrigerant type			R32	R32
	GWP			675	675
	Refrigerant liquid pipe		mm	6.35	9.52
	Refrigerant gas pipe		mm	12.7	15.88
	Max pipe length		m	25	50
	Max drop between I.U.&O.U		m	15	30
	Refrigerant load in factory		kg	0.95	1.3
	Maximum pipe length without charge refrigerant		m	5	10
	Refrigerant charge quantity for extra length		g/m	20	45
Working temp.	Cooling(Min-Max)		°C	-10~43	-10~46
	Heating(Min-Max)		°C	-15~24	-15~24

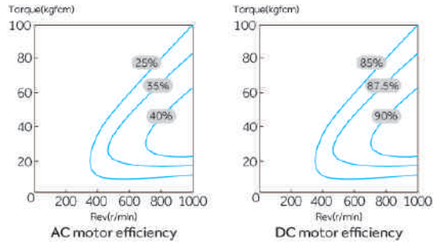
* Data is pending;



High Efficiency

DC fan motor

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



Comfort Air

High efficiency filter

Filter is with anti mould function, avoid the bad smell after long time operation;

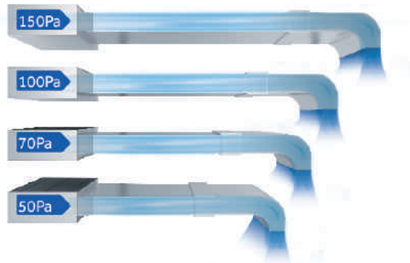


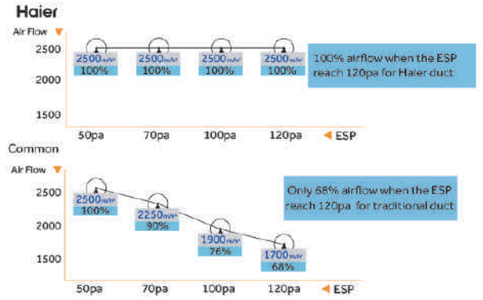
KEY FEATURE

Comfortable

Consistent airflow

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





Flexible Design

Super slim

248mm of thickness for better installation application flexibility(for 7.1kW-14kW).



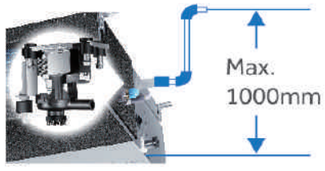
Return air choices

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



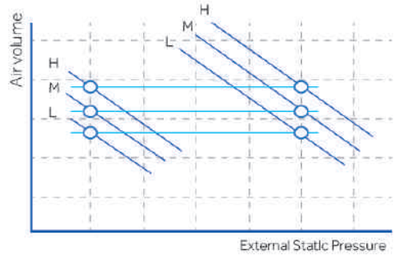
High lift-up drain pump

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



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;



Easy Installation

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 ;



Medium Pressure Duct



AD35S2SM3FA*
AD50S2SM3FA*
AD71S2SM3FA*
AD105S2SM3FA*



MODEL	Standard Indoor unit(drain pump included)			AD35S2SM3FA*	AD50S2SM3FA*	AD71S2SM3FA*	AD105S2SM3FA*
	Standard Indoor unit(drain pump excluded)			AD35S2SM4FA*	AD50S2SM4FA*	AD71S2SM4FA*	AD105S2SM4FA*
	Outoor unit			1U35S2SM1FA*	1U50S2SJ2FA*	1U71S2SG1FA*	1U105S2SS1FA*
Nominal performance data	Capacity	Cooling	Btu/h (nominal)	12000	17000	24000	32400
			kW nominal(min-max)	3.50(0.9~4.5)	5.0(1.8~6)	7.1(2.0~8.2)	9.5(2.5~10.0)
		Heating	Btu/h (nominal)	13700	18800	27300	34800
			kW nominal(min-max)	4.00(1~4.8)	6.0(2~6.2)	7.5(2.5~8.5)	10.2(3.0~10.5)
	Rated power input	Cooling	kW nom(min-max)	1.08(0.28~1.8)	1.55(0.55~2.0)	2.19(0.6~3.0)	3(0.5~4.0)
		Heating	kW nom(min-max)	1.08(0.28~1.8)	1.48(0.6~2.0)	2.02(0.6~3.0)	2.91(0.5~4.0)
	EER/COP			3.23/3.71	3.23/3.71	3.23/3.71	3.01/3.5
Seasonal performance data	Cooling P design(35°C)		kW	3.5	5	7.1	9.5
	Heating P design(-10°C)		kW	2.7	4.5	5.8	7
	SEER/SCOP			6.1/3.8	6.1/3.8	6.1/3.8	6.1/3.6
	Energy class(Cooling/Heating)			A++/A	A++/A	A++/A	A++/A
	Annual energy consumption(Cooling)		kW	215	291	415	582
	Annual energy consumption(Heating)		kW	1020	1782	2013	2734
INDOOR UNIT							
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)		m^3/h	840/720/600/450	1020/900/780/550	1440/1260/1100/900	1600/1480/1360/1240
	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	25/37(default)/50/70/90/100/110/120/130/150
	Sound power level(H/M/L)		dB(A)	55	56	58	60
	Sound pressure level(H/M/L)		dB(A)	41/35/28/26	43/37/30/28	47/43/37/30	39/36/33/31
Installation	External dimensions(W/D/H)		mm	700/700/248	1100/700/248	1100/700/248	1500/700/248
	Shipping dimensions(W/D/H)		mm	950/900/340	1170/860/340	1170/860/340	1710/870/330
	Net/Shipping weight		kg	26/30	32/35	32/35	
	Controller		optional	YR-E17	YR-E17	YR-E17	YR-E17
			optional	Please refer to control system in catalogue			
OUTDOOR UNIT							
Electrical Parameters	Power supply		Ph/V/Hz	1/230/50	1/230/50	1/220~240/50/60	1/220~240/50/60
Performance	Air flow (H)		m^3/h	1800	2500	3000	3500
	Sound power level		dB(A)	61	63	70	66
	Sound pressure level		dB(A)	48	51	57	53
Installation	External dimensions(W/D/H)		mm	800/280/550	820/338/614	860/308/730	920/372/760
	Shipping dimensions(W/D/H)		mm	954/409/625	963/413/685	995/420/815	1036/478/820
	Net/Shipping weight		kg	31.5/34	37.8/41.5	49/52	65/70
	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	0.94	0.95	1.3	1.5
	Maximum pipe length without charge refrigerant		m	5	5	10	30
	Refrigerant charge quantity for extra length		g/m	20	20	45	45
Working temp.	Cooling(Min-Max)		°C	-10~43	-10~43	-10~46	-10~46
	Heating(Min-Max)		°C	-15~24	-15~24	-15~24	-15~24

* Data is pending;



AD125S2SM3FA*
AD125S2SM3FA*
AD140S2SM3FA*
AD140S2SM3FA*



MODEL	Standard Indoor unit(drain pump included)			AD125S2SM3FA*	AD125S2SM3FA*	AD140S2SM3FA*	AD140S2SM3FA*
	Standard Indoor unit(drain pump excluded)			AD125S2SM4FA*	AD125S2SM4FA*	AD140S2SM4FA*	AD140S2SM4FA*
	Outoor unit			1U125S2SN1FA*	1U125S2SN1FB*	1U140S2SP1FA*	1U140S2SP1FB*
Nominal performance data	Capacity	Cooling	Btu/h (nominal)	41010	41010	45732	45732
			kW nominal(min-max)	12(3.0~12.8)	12(3.0~12.8)	13.4	13.4
		Heating	Btu/h (nominal)	42005	42005	52898	52898
			kW nominal(min-max)	12.3(2.9~13.5)	12.3(2.9~13.5)	14.5	14.5
	Rated power input	Cooling	kW nom(min-max)	4.38(0.3~6)	4.38(0.3~6)	7.2	7.2
		Heating	kW nom(min-max)	3.8(0.3~6)	3.8(0.3~6)	7.2	7.2
	EER/COP			2.75/3.25	2.75/3.25	3.21/3.73	3.21/3.73
Seasonal performance data	Cooling P design(35°C)		kW	12.1	12.1	13.4	13.4
	Heating P design(-10°C)		kW	8	8	11	11
	SEER/SCOP			5.6/3.6	5.6/3.6	6.1/3.8	6.1/3.8
	Energy class(Cooling/Heating)			/	/	/	/
	Annual energy consumption(Cooling)		kW	782	782	/	/
	Annual energy consumption(Heating)		kW	4298	4298	/	/
INDOOR UNIT							
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)		m^3/h	2250/1960/1680/1500	2250/1960/1680/1500	2500/2160/1780/1500	2500/2160/1780/1500
	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	66	66
	Sound pressure level(H/M/L)		dB(A)	39/36/33/31	39/36/33/31	41/36/33/31	41/36/33/31
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	1700/870/330	1700/870/330	1700/870/330	1700/870/330
	Net/Shipping weight		kg				
	Controller		optional	YR-E17	YR-E17	YR-E17	YR-E17
			optional	Please refer to control system in catalogue			
OUTDOOR UNIT							
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	3N/380~415V.50/60	1/220~240/50/60	3/380~415/50/60
Performance	Air flow (H)		m^3/h	4000	4000	7000	7000
	Sound power level		dB(A)	68	68	70	70
	Sound pressure level		dB(A)	52	52	53	53
Installation	External dimensions(W/D/H)		mm	965/950/370	965/950/370	1350/950/370	1350/950/370
	Shipping dimensions(W/D/H)		mm	1095/1050/450	1095/1050/450	1500/1090/480	1500/1090/480
	Net/Shipping weight		kg	82/94	83/95	105/118	108/121
	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	75	75
	Max drop between I.U.&O.U		m	30	30	30	30
	Refrigerant load in factory		kg	2	2	2.9	2.9
	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	-15~52	-15~52
	Heating(Min-Max)		°C	-15~24	-15~24	-20~24	-20~24

* Data is pending;



Design Flexibility

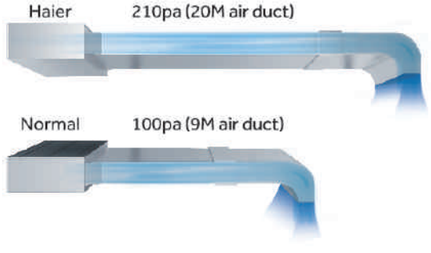
Super high airflow

New DC fan motor and large length & diameter fan design ,provide the 2880 m³/h (800l/s) above air flow with 250m³/h/kW (70L/s/kW) ,which is 44% more than medium pressure duct unit.

Capacity	Medium pressure duct airflow(m³/h)	High pressure duct airflow(m3/h)	Promotion
10.0kW	2000	2880	44%
12.5kW	2250	3250	44%
14.0kW	2500	3600	44%

210Pa pressure setting

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

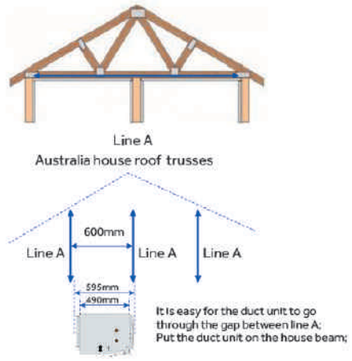


KEY FEATURE

Easy Installation

Narrow width

Only 490mm depth can meet the Australia compact roof trusses, easy for installer lifting the unit.



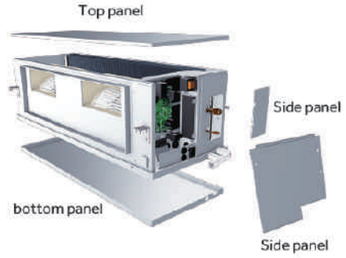
Three side open the panel

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;



Dedicated place to fix the wifi

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



10 step adjusted Pressure

Pressure can be adjusted by wired controller YR-E16A/ YR-E16B / YR-E17, installer don't need to install the static box, save installation time;



Energy Efficiency

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.

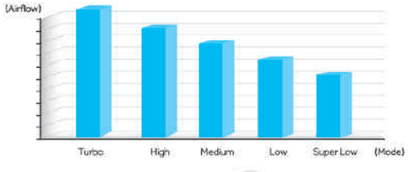
Capacity	EER	COP
10.0kW	3.5	3.7
12.5kW	3.5	3.6
14.0kW	3.4	3.6

Comfort & Convenience

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.



Wifi control

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



High Pressure Duct



ADH125H1ERG*
ADH125H1ERG*



MODEL				Indoor unit	ADH125H1ERG*	ADH125H1ERG*
				Outoor unit	1U125S2SN1FA*	1U125S2SN1FB*
Nominal performance data	Capacity	Cooling	Btu/h (nor)		41300	41300
			kW nor(min-max)		12.1(3.0~12.8)	12.1(3.0~12.8)
		Heating	Btu/h (nor)		42090	42090
			kW nor(min-max)		12.3(2.9~13.5)	12.3(2.9~13.5)
	Rated power input	Cooling	kW nom(min-max)		4.38(0.3~6)	4.38(0.3~6)
		Heating	kW nom(min-max)		3.8(0.3~6)	3.8(0.3~6)
	EER/COP				2.75/3.4	2.75/3.4
Seasonal performance data	Cooling P design(35°C)		kW		12.1	12.1
	Heating P design(-10°C)		kW		8	8
	SEER/SCOP				5.8/3.7	5.8/3.7
	Energy class(Cooling/Heating)				/	/
	Annual energy consumption(Cooling)		kW		782	782
	Annual energy consumption(Heating)		kW		4298	4298
INDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz		1/220~240/50/60	1/220~240/50/60
Performance	Air flow(H/M/L)		m^3/h		3250/2750/2250/1750	3250/2750/2250/1750
	External static pressure		Pa		37/50/70/90/110 /130/150/170/190/210	37/50/70/90/110 /130/150/170/190/210
	Sound power level(H/M/L)		dB(A)		61	61
	Sound pressure level(H/M/L)		dB(A)		47/44/42/39	47/44/42/39
Installation	External dimensions(W/D/H)		mm		1350/490/425	1350/490/425
	Shipping dimensions(W/D/H)		mm		1565/724/510	1565/724/510
	Net/Shipping weight		kg		61/72	61/72
	Controller		optional		YR-HBS01	YR-HBS01
			optional		YR-E17	YR-E17
OUTDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz		1/220~240/50/60	3N/380~415V,50/60
Performance	Air flow (H)		m^3/h		4000	4000
	Sound power level		dB(A)		68	68
	Sound pressure level		dB(A)		52	52
Installation	External dimensions(W/D/H)		mm		965/950/370	965/950/370
	Shipping dimensions(W/D/H)		mm		1095/1050/450	1095/1050/450
	Net/Shipping weight		kg		82/94	83/95
	Compressor type				Twin rotary	Twin rotary
	Refrigerant type				R32	R32
	GWP				675	675
	Refrigerant liquid pipe		mm		9.52	9.52
	Refrigerant gas pipe		mm		15.88	15.88
	Max pipe length		m		50	50
	Max drop between I.U.&O.U		m		30	30
	Refrigerant load in factory		kg		2	2
	Maximum pipe length without charge refrigerant		m		30	30
	Refrigerant charge quantity for extra length		g/m		45	45
Working temp.	Cooling(Min-Max)		°C		-10-46	-10-46
	Heating(Min-Max)		°C		-15-24	-15-24

* Data is pending;



ADH140H1ERG*
ADH140H1ERG*



MODEL				Indoor unit	ADH140H1ERG*	ADH140H1ERG*
				Outoor unit	1U140S2SP1FA*	1U140S2SP1FB*
Nominal performance data	Capacity	Cooling	Btu/h (nor)		45732	45732
			kW nor(min-max)		13.4	13.4
		Heating	Btu/h (nor)		52898	52898
			kW nor(min-max)		15.5	15.5
	Rated power input	Cooling	kW nom(min-max)		7.2	7.2
		Heating	kW nom(min-max)		7.2	7.2
	EER/COP				3.21/3.73	3.21/3.73
Seasonal performance data	Cooling P design(35°C)		kW		13.4	13.4
	Heating P design(-10°C)		kW		11	11
	SEER/SCOP				6.1/4.0	6.1/4.0
	Energy class(Cooling/Heating)				/	/
	Annual energy consumption(Cooling)		kW		/	/
	Annual energy consumption(Heating)		kW		/	/
INDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz		1/220~240/50/60	1/220~240/50/60
Performance	Air flow(H/M/L)		m^3/h		3600/3100/2600/2100	3600/3100/2600/2100
	External static pressure		Pa		37/50/70/90/110 /130/150/170/190/210	37/50/70/90/110 /130/150/170/190/210
	Sound power level(H/M/L)		dB(A)		63	64
	Sound pressure level(H/M/L)		dB(A)		49/46/43/40	49/46/43/40
Installation	External dimensions(W/D/H)		mm		1350/490/425	1350/490/425
	Shipping dimensions(W/D/H)		mm		1565/724/510	1565/724/510
	Net/Shipping weight		kg		61/72	61/72
	Controller		optional		YR-HBS01	YR-HBS01
			optional		YR-E17	YR-E17
OUTDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz		1/220~240/50/60	3/380~415/50/60
Performance	Air flow (H)		m^3/h		7000	7000
	Sound power level		dB(A)		70	70
	Sound pressure level		dB(A)		53	53
Installation	External dimensions(W/D/H)		mm		1350/950/370	1350/950/370
	Shipping dimensions(W/D/H)		mm		1500/1090/480	1500/1090/480
	Net/Shipping weight		kg		105/118	108/121
	Compressor type				twin rotary	twin rotary
	Refrigerant type				R32	R32
	GWP				675	675
	Refrigerant liquid pipe		mm		9.52	9.52
	Refrigerant gas pipe		mm		15.88	15.88
	Max pipe length		m		75	75
	Max drop between I.U.&O.U		m		30	30
	Refrigerant load in factory		kg		2.9	2.9
	Maximum pipe length without charge refrigerant		m		30	30
	Refrigerant charge quantity for extra length		g/m		45	45
Working temp.	Cooling(Min-Max)		°C		-15-52	-15-52
	Heating(Min-Max)		°C		-20-24	-20-24

* Data is pending;



R32 SUPER MATCH PLUS

SINGLE SPLIT

(COOLING ONLY)

041 Models Line-up

043 Outdoor Unit

045 Convertible

Models Line-up

Type \ KBtu/h	Standard Controller	13	18	25		30	36	40	48
Inverter O.U. 1/220-240/50/60 3/380-415/50/60		 1U13S1PM1SA*	 1U18S1PJ1SA*	 1U25S1PJ1SA*		 1U30S1PS1SA*	 1U36S1PH1SA* 1U36S1PH1SB*	 1U40S1PN1SA* 1U40S1PN1SB*	 1U48S1PN1SA* 1U48S1PN1SB*
Inverter I.U. 1/220-240/50/60	 YR-HBS01	NEW  AC13S2SG1FA*	NEW  AC18S2SG1FA*	NEW  AC25S2SH1FA*		NEW  AC30S2SH1FA*	NEW  AC36S2SH1FA*	NEW  AC40S2SK1FA*	NEW  AC48S2SK1FA*



High Efficiency

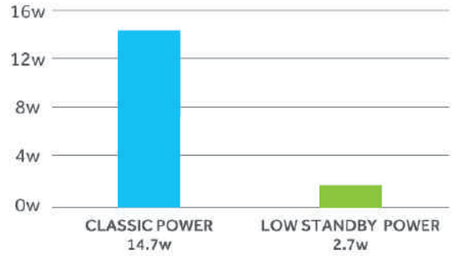
High performance

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

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

Low standby power

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

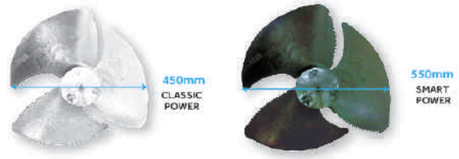


KEY FEATURE

High Efficiency

New designed fan

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



New Refrigerant R32

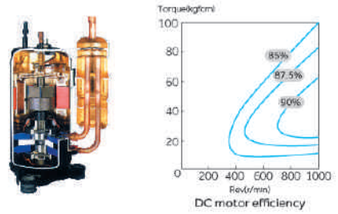
We take new refrigerant R32 which is more environment friendly. The benefits as follows:

GWP (Global Warm Potential) content :
R32 = 675 VS R410a = 2088

R32 is less than 1/3 of R410a. More environment friendly!

DC inverter system

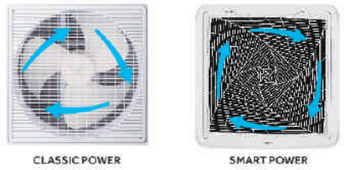
For the purpose of high seasonal performance, we take high discharge DC inverter compressor and DC fan motor with different running speed in different working conditions.



Low Sound Level

New designed air flow system

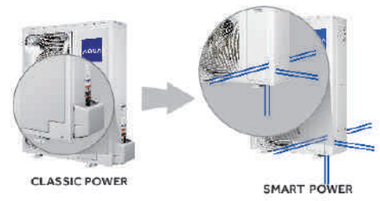
47dB(A) low sound level thanks to new airflow system which combined by new 550mm big diameter fan and air outlet grill, which reduce air resistance.



Stylish Design

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.



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.





Elegant and Fashionable Design

- Big-wave shape on both sides to embody multiple levels design, Ultra thin visually;



Brand-new Old One

- Appearance without screw, easy care;



Brand-new

Old One

KEY FEATURE

Super Comfort

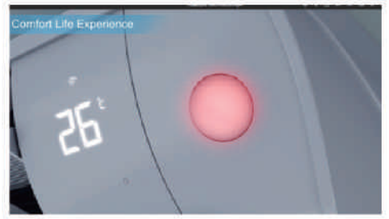
- Freestyle Airflow(Optional)

  Left /right swing individually, maxi angle degree 100°, different angle can be fixed accordingly

- Up-and-down swing angle maxi. degree 70 °;



- Intelligent sensor (optional)



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



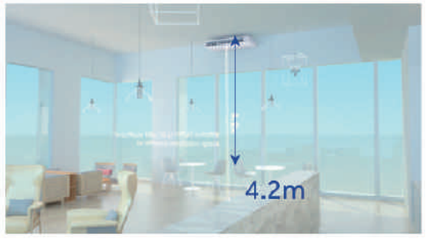
- Minimum Sound Pressure level (7.1Kw)up to 34dB(A)leading in the industry;



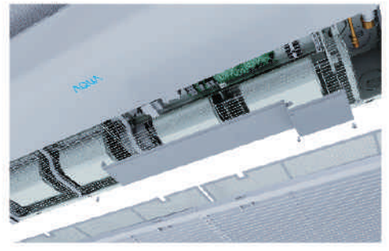


Easy Installation & Maintenance

- Turbo mode 4.2m(12.5/14KW) which is convenience for installation choice



- Easy to wire and maintain PCB: Simply Open the grille to make it;



Convertible



AC13S2SG1FA*
AC18S2SG1FA*
AC25S2SH1FA*



YR-HBS01

MODEL			Indoor unit	AC13S2SG1FA*	AC18S2SG1FA*	AC25S2SH1FA*
			Outdoor unit	1U13S1PM1SA*	1U18S1PJ1SA*	1U25S1PJ1SA*
Nominal performance data	Nominal cooling capacity	Btu/h(nom.)		3.8(1.9~4.3)	5.3(3.2~6.0)	7.3(3.2~8.0)
		kW (nom.)		13(6.5~15.4)	18(10.9~20.5)	25(10.9~27.3)
	Rated power input	kW (nom.)		930	1330	2147
	EER	W/W		22.7	20.7	20.6
	Enery class					
INDOOR UNIT						
Elec. parameters	Power supply	Ph/V/Hz		1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)	m^3/h		810/740/650/550	1050/930/660/600	1250/1128/930/840
	Sound power level(H/M/L)	dB(A)		52/40/48/45	55/52/50/47	55/52/50/47
	Sound pressure level(H/M/L)	dB(A)		40/38/36/33	43/40/38/35	43/40/38/35
Installation	External dimensions (W/D/H)	mm		1000/230/680	1000/230/680	1325/230/680
	Shipping dimensions (W/D/H)	mm		1100/305/779	1100/305/779	1425/305/779
	Net/Shipping weight	kg		26/32	26/32	33.5/41.9
	Controller	Standard		YR-HBS01	YR-HBS01	YR-HBS01
		optional		Please refer to control system in catalogue		
Outdoor Unit						
Elec. parameters	Power supply	Ph/V/Hz		1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H)	m^3/h		2000	2500	2500
	Sound power level(H/M/L)	dB(A)		63	63	63
	Sound pressure level	dB(A)		51.00	51.00	51.00
Installation	External dimensions(W/D/H)	mm		800/275/553	820/338/614	850/353/697
	Shipping dimensions(W/D/H)	mm		939/394/590	977/400/735	977/400/735
	Net/Shipping weight	kg		30//33	38.5/43	38.5/43
	Compressor type			Rotary	Rotary	Rotary
	Refrigerant type			R32	R32	R32
	Refrigerant liquid pipe	mm		6.35	6.35	9.52
	Refrigerant gas pipe	mm		9.52	12.70	15.88
	Max pipe length	m		15.00	20.00	20.00
	Max drop between I.U.&O.U	m		10.00	10.00	10.00
Working temp.	Normal (Min-Max)	°C		18~43	18~43	18~43

* Data is pending;

AC30S2SH1FA*
AC36S2SH1FA*
AC36S2SH1FA*





YR-HBS01

MODEL			Indoor unit	AC30S2SH1FA*	AC36S2SH1FA*	AC36S2SH1FA*
			Outdoor unit	1U30S1PS1SA*	1U36S1PH1SA*	1U36S1PH1SB*
Nominal performance data	Nominal cooling capacity	Btu/h(nom.)		8.8(5.0~10.0)	10.5(5.0~11.2)	10.5(5.0~11.2)
		kW (nom.)		30(17.1~34.1)	36(171~38.2)	36(171~38.2)
	Rated power input	kW (nom.)		2885	3560	3560
	EER	W/W		18.3	16.6	16.6
	Enery class					
INDOOR UNIT						
Elec. parameters	Power supply	Ph/V/Hz		1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)	m^3/h		1400/1300/1180/1060	1600/1400/1280/1160	1600/1400/1280/1160
	Sound power level(H/M/L)	dB(A)		57/55/52/49	58/55/53/49	58/55/53/49
	Sound pressure level(H/M/L)	dB(A)		45/43/40/37	46/43/41/37	46/43/41/37
Installation	External dimensions (W/D/H)	mm		1325/230/680	1325/230/680	1325/230/680
	Shipping dimensions (W/D/H)	mm		1425/305/779	1425/305/779	1425/305/779
	Net/Shipping weight	kg		33.5/41.9	33.5/41.9	33.5/41.9
	Controller	optional		YR-HBS01	YR-HBS01	YR-HBS01
		optional		Please refer to control system in catalogue		
Outdoor Unit						
Elec. parameters	Power supply	Ph/V/Hz		1/220~230/50/60	1/220~230/50/60	3/380~400/50/60
Performance	Air flow (H)	m^3/h		3500	4000	4000
	Sound power level(H/M/L)	dB(A)		64	65	65
	Sound pressure level	dB(A)		52.00	53.00	53.00
Installation	External dimensions(W/D/H)	mm		948/340/840	948/340/840	948/340/840
	Shipping dimensions(W/D/H)	mm		1085/487/843	1050/440/979	1050/440/979
	Net/Shipping weight	kg		57/61	74/89	74/89
	Compressor type			Rotary	Rotary	Rotary
	Refrigerant type			R32	R32	R32
	Refrigerant liquid pipe	mm		9.52	9.52	9.52
	Refrigerant gas pipe	mm		15.88	15.88	15.88
	Max pipe length	m		30.00	30.00	30.00
	Max drop between I.U.&O.U	m		20.00	20.00	20.00
Working temp.	Normal (Min-Max)	°C		18~43	18~43	18~43

* Data is pending;

Convertible



AC40S2SK1FA*
AC40S2SK1FA*



MODEL			Indoor unit	AC40S2SK1FA*	AC40S2SK1FA*
			Outdoor unit	1U40S1PN1SA*	1U40S1PN1SB*
Nominal performance data	Nominal cooling capacity	Btu/h(nom.)		11.7(5.7~14.0)	11.7(5.7~14.0)
		kW (nom.)		40(19.5~47.8)	40(19.5~47.8)
	Rated power input	kW (nom.)		3848	3800
	EER	W/W		17.8	17.8
	Enery class				
INDOOR UNIT					
Elec. parameters	Power supply	Ph/V/Hz		1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)	m³/h		2050/1900/1600/1400	2050/1900/1600/1400
	Sound power level(H/M/L)	dB(A)		59/56/545/50	59/56/545/50
	Sound pressure level(H/M/L)	dB(A)		47/44/42/38	47/44/42/38
Installation	External dimensions (W/D/H)	mm		1650/230/680	1650/230/680
	Shipping dimensions (W/D/H)	mm		1750/305/779	1750/305/779
	Net/Shipping weight	kg		41.8/49.5	41.8/49.5
	Controller	optional		YR-HBS01	YR-HBS01
		optional		Please refer to control system in catalogue	
Outdoor Unit					
Elec. parameters	Power supply	Ph/V/Hz		1/220~230/50/60	3/380~400/50/60
Performance	Air flow (H)	m³/h		5000	5000
	Sound power level(H/M/L)	dB(A)		66	66
	Sound pressure level	dB(A)		54.00	54.00
Installation	External dimensions(W/D/H)	mm		950/370/965	950/370/965
	Shipping dimensions(W/D/H)	mm		1050/450/1095	1050/450/1095
	Net/Shipping weight	kg		80/92	80/92
	Compressor type			Rotary	Rotary
	Refrigerant type			R32	R32
	Refrigerant liquid pipe	mm		9.52	9.52
	Refrigerant gas pipe	mm		15.88	15.88
	Max pipe length	m		50.00	50.00
	Max drop between I.U.&O.U	m		30.00	30.00
Working temp.	Normal (Min-Max)	°C		18~43	18~43

* Data is pending;

AC48S2SK1FA*
AC48S2SK1FA*





MODEL			Indoor unit	AC48S2SK1FA*	AC48S2SK1FA*
			Outdoor unit	1U48S1PN1SA*	1U48S1PN1SB*
Nominal performance data	Nominal cooling capacity	Btu/h(nom.)		14.1(6.2~15.4)	14.1(6.2~15.4)
		kW (nom.)		48(21.2~52.5)	48(21.2~52.5)
	Rated power input	kW (nom.)		5529	5430
	EER	W/W		16.6	16.6
	Enery class				
INDOOR UNIT					
Elec. parameters	Power supply	Ph/V/Hz		1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)	m³/h		2150/1980/1800/1600	2150/1980/1800/1600
	Sound power level(H/M/L)	dB(A)		61/58/55/52	61/58/55/52
	Sound pressure level(H/M/L)	dB(A)		49/46/43/40	49/46/43/40
Installation	External dimensions (W/D/H)	mm		1650/230/680	1650/230/680
	Shipping dimensions (W/D/H)	mm		1750/305/779	1750/305/779
	Net/Shipping weight	kg		41.8/49.5	41.8/49.5
	Controller	optional		YR-HBS01	YR-HBS01
		optional		Please refer to control system in catalogue	
Outdoor Unit					
Elec. parameters	Power supply	Ph/V/Hz		1/220~230/50/60	3/380~400/50/60
Performance	Air flow (H)	m³/h		5500	5500
	Sound power level(H/M/L)	dB(A)		68	68
	Sound pressure level	dB(A)		56.00	56.00
Installation	External dimensions(W/D/H)	mm		950/370/965	950/370/965
	Shipping dimensions(W/D/H)	mm		1050/450/1095	1050/450/1095
	Net/Shipping weight	kg		80/92	80/92
	Compressor type			Rotary	Rotary
	Refrigerant type			R32	R32
	Refrigerant liquid pipe	mm		9.52	9.52
	Refrigerant gas pipe	mm		15.88	15.88
	Max pipe length	m		50.00	50.00
	Max drop between I.U.&O.U	m		30.00	30.00
Working temp.	Normal (Min-Max)	°C		18~43	18~43

* Data is pending;



R32 SUPER MATCH PLUS
MAXI SPLIT

053 Models Line-up

055 Outdoor Unit

Models Line-up

R32 Maxi Outdoor Split Line-up

Type \ KBtu/h	36	48	60
Type \ kW	10	12.5	14
R32 O.U. 1/220/50/60	 1U105S2SS1FA	 1U125S2SN1FA	 1U140S2SP1FA
R32 O.U. 3/380/50/60		 1U125S2SN1FB	 1U140S2SP1FB

R32 Maxi Indoor Split Line-up

Type \ KBtu/h	Optional Controller	12	18	24
Type \ kW		3.5	5	7.1
Compact Cassette	 YR-HBS01	 AB35S2SC1FA	 AB50S2SC1FA	
Round Way Cassette	 YR-HBS01			 AB71S2SG1FA
Slim Low ESP Duct	 YR-E17	 AD35S2SS1FA	 AD50S2SS1FA	 AD71S2SS1FA
Slim Duct Swing Panel		 P1B-890IA/D	 P1B-890IA/D	 P1B-1210IA/D
Medium ESP Duct	 YR-E17	 AD35S2SSM3FA	 AD50S2SSM3FA	 AD71S2SM3FA
Convertible	 YR-HBS01	 AC35S2SG1FA	 AC50S2SG1FA	 AC71S2SG1FA

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

Model	Picture	Capacity (kW)	Indoor Unit Type											
			 Cassette			 Convertible			 Slim Duct			 Medium ESP Duct		
			Twin	Triple	Double Twin	Twin	Triple	Double Twin	Twin	Triple	Double Twin	Twin	Triple	Double Twin
1U105S2SS1FA		10.0	2*5	3*3.5	/	2*5	3*3.5	/	2*5	3*3.5	/	2*5	3*3.5	/
1U125S2SN1FA		12.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5
1U125S2SN1FB		12.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5
1U140S2SP1FA +Adapter Pipe +Branch Pipe		14.0	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5
1U140S2SP1FB +Adapter Pipe +Branch Pipe		14.0	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5	2*7.1	3*5	4*3.5
Branch Pipe			FQG-2Y100A(36) FQG-2Y200A(48/60)	FQG-3Y100A(36) FQG-3Y200A(48/60)	FQG-4Y200A	FQG-2Y100A(36) FQG-2Y200A(48/60)	FQG-3Y100A(36) FQG-3Y200A(48/60)	FQG-4Y200A	FQG-2Y100A(36) FQG-2Y200A(48/60)	FQG-3Y100A(36) FQG-3Y200A(48/60)	FQG-4Y200A	FQG-2Y100A(36) FQG-2Y200A(48/60)	FQG-3Y100A(36) FQG-3Y200A(48/60)	FQG-4Y200A

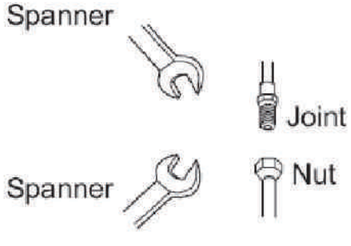


Easy Installation

Easy pipe connection

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

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



KEY FEATURE

Easy Installation

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 salve indoor units.





Easy controls

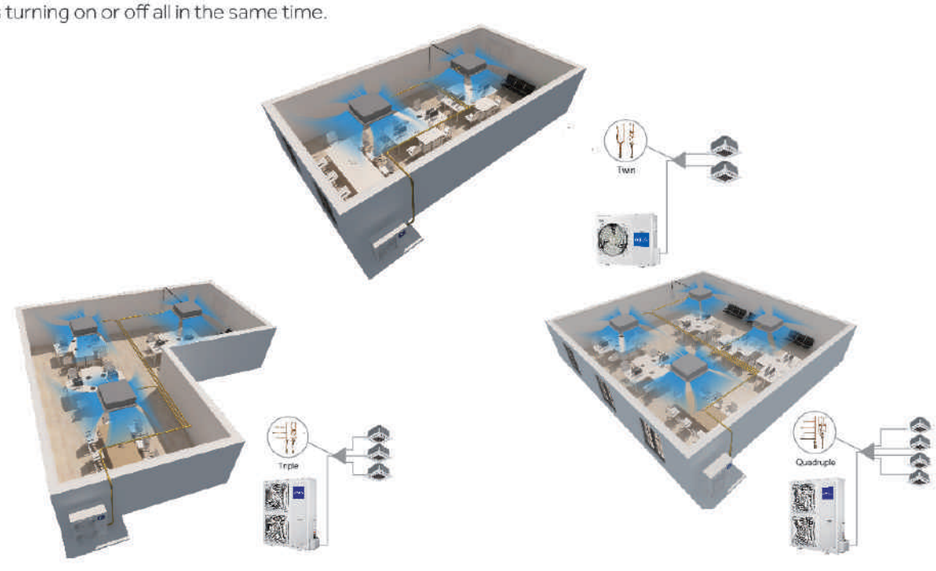
User can choose different control way according to their needs.Maxi split can provide wired control, wifi control , group control, central control,BMS control.



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.



R32 Maxi Split Outdoor Specification

Model		1U105S2SS1FA*	1U125S2SN1FA*	1U125S2SN1FB*	1U140S2SP1FA*	1U140S2SP1FB*
External dimensions(W/D/H)	mm	920/372/760	965/950/370	965/950/370	1350/950/370	1350/950/370
Shipping dimensions(W/D/H)	mm	1036/478/820	1095/1050/450	1095/1050/450	1500/1090/480	1500/1090/480
Net/Shipping weight	kg	65/70	82/94	83/95	105/118	108/121
Sound power level	dB(A)	66	68	68	70	70
Sound pressure level	dB(A)	53	52	52	53	53
Cooling(Min-Max)	℃	-10~46	-10~46	-10~46	-15~52	-15~52
Heating(Min-Max)	℃	-15~24	-15~24	-15~24	-20~24	-20~24
Max pipe length	m	50	50	50	75	75
Max drop between I.U.&O.U	m	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	3/380~415/50/60

* Data is pending;

R32 Maxi Split Indoor Specification——Cassette

Model		AB35S2SC1FA*	AB50S2SC1FA*	AB71S2SG1FA*
External dimensions(W/D/H)	mm	570/570/260	570/570/260	840/840/204
Shipping dimensions(W/D/H)	mm	718/680/380	718/680/380	990/990/310
Net/Shipping weight	Kg	18.5/22	19/22	27/32
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)	m^3/h	620/520/450	700/620/500	1260/1070/820/680
Refrigerant liquid pipe	mm	6.35	6.35	9.52
Refrigerant gas pipe	mm	9.52	12.7	15.88
Panel Model		PB-700KB	PB-700KB	PB-950KB(standard panel) /PB-950MB (sensor panel)

* 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	1325/230/680
Shipping dimensions(W/D/H)	mm	1100/305/779	1100/305/779	1425/305/779
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)	m^3/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	0/10/20/30	0/10/20/30	0/10/20/30
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)	m^3/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)	m^3/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

061 Models Line-up
063 Outdoor Unit
069 High Wall
075 Console
076 Slim Low Pressure Duct
077 Medium Pressure Duct
078 Convertible
079 Compact Cassette
080 Round Way Cassette
081 Match Table

Models Line-up

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

Type \ kW	Controller	2.0	2.5		3.5	5.0		7.1
Inverter Multi Outdoor Unit 1/220-240/50/60		3U55S2SR2FA	3U70S2SR2FA		4U75S2SR2FA	4U85S2SR2FA	5U90S2SS2FA	5U105S2SS2FA
High Wall Dawn (High End)	YR-HQ	AS20S2SD1FA	AS25S2SD1FA		AS35S2SD1FA		AS50S2SD1FA NEW	
High Wall Flexis	YR-HQ	AS20S2SF1FA-MB(M) AS20S2SF1FA-MW(M)	AS25S2SF1FA-MB AS25S2SF1FA-MW NEW		AS35S2SF1FA-MB AS35S2SF1FA-MW NEW		AS50S2SF1FA-MB AS50S2SF1FA-MW NEW	AS71S2SF1FA-MB AS71S2SF1FA-MW NEW
High Wall IES	YR-HQ	AS20S2SF2FA	AS25S2SF2FA		AS35S2SF2FA		AS50S2SF2FA	AS70S2SF2FA
High Wall Nebula Green	YR-HBS01	AS20S2SN2FA	AS25S2SN2FA		AS35S2SN2FA		AS50S2SN2FA	AS5712SN2FA
High Wall Nebula Green	YR-HBS01	AS20S2SN3FA	AS25S2SN3FA		AS35S32SN3FA		AS50S2SN3FA	AS5712SN2FA
High Wall Tundra Green	YR-HE		AS25TADHRA NEW		AS35TADHRA NEW		AS50TDDHRA NEW	AS68TEBHRA NEW
Console 1/220-240/50/60	YR-HBS01		AF25S2SD1FA NEW		AF35S2SD1FA NEW			
Slim Low ESP Duct 1/220-240/50/60	YR-E17		AD25S2SS1FA		AD35S2SS1FA		AD50S2SS1FA	AD71S2SS1FA
Slim Low ESP Duct Swing Panel 1/220-240/50/60(Optional)			P1B-890IA/D		P1B-890IA/D		P1B-1210IA/D	P1B-1210IA/D
Medium ESP Duct 1/220-240/50/60	YR-E17				AD35S2SM3FA		AD50S2SM3FA	AD71S2SM3FA
Compact Cassette 1/220-240/50/60 (Panel:PB-620KB)	YR-HBS01		AB25S2SC2FA		AB35S2SC2FA		AB50S2SC2FA	
Compact Cassette 1/220-240/50/60 (Panel:PB-700KB)	YR-HBS01		AB25S2SC1FA		AB35S2SC1FA		AB50S2SC1FA	
Round Way Cassette 1/220-240/50/60	YR-HBS01							AB71S2SG1FA
Convertible 1/220-240/50/60	YR-HBS01				AC35S2SG1FA NEW		AC50S2SG1FA NEW	AC71S2SG1FA NEW



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;



KEY FEATURE

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) comapred with first generation multi split outdoor unit;



New Refrigerant R32

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

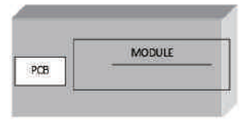
GWP (Global Warm Potential) content : **R32** = 675 VS **R410a** = 2088

R32 is less than 1/3 of R410a.
More environment friendly!



Low Standby Power

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



Installation Friendly

External general stop valve

The outdoor unit takes external general stop valve in all outdoor unit design, installer can vaccum/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.



Delicate

Delicate

Upper cover without screw

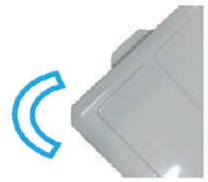


Elegant

The form of C corner

Harmony

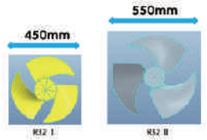
The front cover integrated with handlers



KEY FEATURE

Enlarged Fan

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



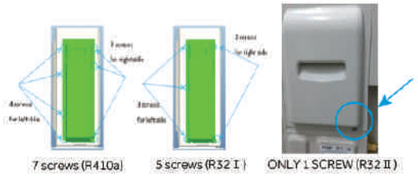
Reinforced Fan Motor Bracket

- To make sure the unit vibration slowdown and lower the noise level;



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;



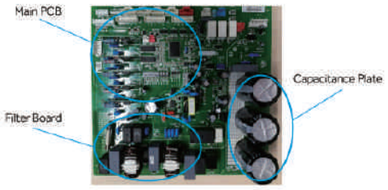
Brand-new Design of 3 in 1 PCB

- 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;

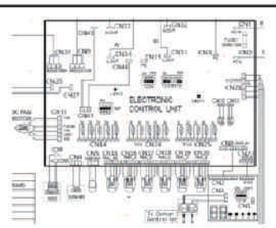
  Security relay : The relay is the enclosed type , so when it works , the working parts won' t touch the air , so it won' t cause the flame even leakage of R32 happens;



Central Control/BMS Control

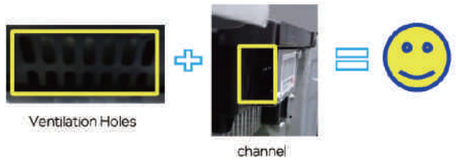
- Central control / BMS control function meet the various needs for designer ;

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



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;



Easy Start-up & Maintenance

- "88" screen shows compressor frequency or failure code;

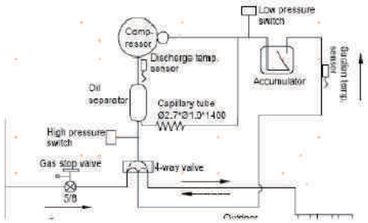
  All running data can be checked by on-site testing software ;

  These two tools make easy start-up & maintenance ;



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

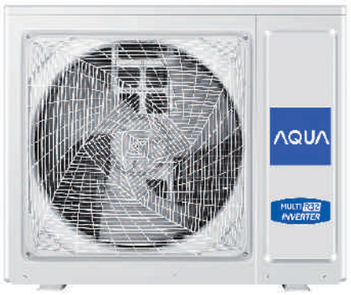


3U55S2SR2FA
3U70S2SR2FA
4U75S2SR2FA
4U85S2SR2FA

Model/outdoor unit				3U55S2SR2FA	3U70S2SR2FA	4U75S2SR2FA	4U85S2SR2FA
Indoor unit combinations				3*AS25S2SF2FA	3*AS25S2SF2FA	3*AS25S2SF2FA AS35S2SF2FA	3*AS25S2SF2FA AS35S2SF2FA
Maximum connected quantity of indoor units				3	3	4	4
Nominal performance data	Rated capacity	Cooling	kW nom(min-max)	5.5(2.1-7.3)	7.0(2.4-8.4)	7.5(2.4-8.7)	8.5(3.2-9.5)
		Heating	kW nor(min-max)	6.8(1.7-8.3)	7.6(2.9-10.6)	8.6(3.1-10.7)	9.6(4.4-10.7)
	Rated power input	Cooling	kW nom(min-max)	1.14	1.66	1.7	2.23
		Heating	kW nom(min-max)	1.36	1.86	1.8	2.23
	EER/COP			4.0/4.4	4.0/4.2	3.8/4.0	3.4/4.0
Seasonal performance data	Cooling P design(35°C)		kW	5.5	7	7.5	8.5
	Heating P design(-10°C)		kW	4.7	6	6.3	7
	SEER/SCOP			7.5/4.0	7.5/4.2	7/4	7/4
	Energy class(Cooling/Heating)			A++/A+	A++/A+	A++/A+	A++/A+
	Annual energy consumption(Cooling)*		kW	258	322	379	456
	Annual energy consumption(Heating)*		kW	1679	2012	2179	2503
Outdoor unit							
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)		m^3/h	3000	3000	4000	4000
	Sound power level (H/M/L)		dB(A)	64	66	68	68
	Sound pressure level (H/M/L)		dB(A)	51	53	55	55
Installation	External dimensions (W/D/H)		mm	700/890/340	700/890/340	700/890/340	700/890/340
	Shipping dimensions (W/D/H)		mm	770/998/443	770/998/443	770/998/443	770/998/443
	Net/Shipping weight		kg	51/55	54/58	61/65	61/65
	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	3×6.35	3×6.35	4×6.35	4×6.35
	Refrigerant gas pipe		mm	3×9.52	3×9.52	3×9.52+1×12.7	3×9.52+1×12.7
	Total pipe length (Max)		m	50	60	70	70
	Single pipe length (Max)		m	25	25	25	25
	Max drop between I.U.&O.U		m	15	15	15	15
	Max drop between I.U.&I.U		m	7.5	7.5	7.5	7.5
	Refrigerant load in factory		kg	1.6	1.6	2.2	2.2
	Maximum pipe length without charge refrigerant		m	30	30	40	40
	Refrigerant charge quantity for extra length		g/m	20	20	20	20
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

5U90S2SS2FA
5U105S2SS2FA



Model/outdoor unit				5U90S2SS2FA	5U105S2SS2FA
Indoor unit combinations				3*AS25S2SF2FA+AS35S2SF2FA	2*AS25S2SF2FA+AS35S2SF2FA +AS50S2SF2FA
Maximum connected quantity of indoor units				5.00	5
Nominal performance data	Rated capacity	Cooling	kW nor(min-max)	9.0(3.2-11.5)	10(1.5-11.5)
		Heating	kW nor(min-max)	10.5(4.4-12)	10.5(1.8-12)
	Rated power input	Cooling	kW nom(min-max)	2.65	2.76
		Heating	kW nom(min-max)	2.73	2.73
	EER/COP			3.23/3.8	3.0/3.8
Seasonal performance data	Cooling P design(35°C)		kW	9.00	10
	Heating P design(-10°C)		kW	8.00	8
	SEER/SCOP			7/4	7/4
	Energy class(Cooling/Heating)			A++/A+	A++/A+
	Annual energy consumption(Cooling)*		kW	510.00	537
	Annual energy consumption(Heating)*		kW	2,889.00	2889
Outdoor unit					
Electrical Parameters	Power supply		Ph/V/Hz	1/220-240/50/60	1/220-240/50/60
Performance	Air flow (H/M/L)		m^3/h	4,200.00	4200
	Sound power level (H/M/L)		dB(A)	71.00	71
	Sound pressure level (H/M/L)		dB(A)	55.00	55
Installation	External dimensions (W/D/H)		mm	760*372*920	760/920/372
	Shipping dimensions (W/D/H)		mm	820*478*1036	820/1036/478
	Net/Shipping weight		kg	66/71	66/71
	Compressor type			Twin Rotary	Twin Rotary
	Refrigerant type			R32	R32
	GWP			675.00	675
	Refrigerant liquid pipe		mm	5×6.35	5×6.35
	Refrigerant gas pipe		mm	3×9.52+2×12.7	3×9.52+2×12.7
	Total pipe length (Max)		m	80.00	80
	Single pipe length (Max)		m	25.00	25
	Max drop between I.U &O.U		m	15.00	15
	Max drop between I.U.&I.U		m	7.50	7.5
	Refrigerant load in factory		kg	2.40	2.4
	Maximum pipe length without charge refrigerant		m	40.00	40
	Refrigerant charge quantity for extra length		g/m	20.00	20
Working temp.	Cooling(Min-Max)		°C	-10~46	-10~46
	Heating(Min-Max)		°C	-15~24	-15~24

*Data is pending

High Wall (Dawn)



AS20S2SD1FA*
AS25S2SD1FA
AS35S2SD1FA
AS50S2SD1FA*

- Whispering air
- Wi-Fi control
- Easy installation
- Eco-pilot sensor



YR-HQ

Model/indoor unit			AS20S2SD1FA*	AS25S2SD1FA	AS35S2SD1FA	AS50S2SD1FA*
Capacity	Nominal Cooling	kW	2	2.6	3.5	5
	Nominal Heating	kW	2.6	3.2	4.2	5.8
Electrical Parameters	Power supply	Ph/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50
Performance	Air flow (H/M/L)	m³/h	650	650	700	900
	Sound power level(H/M/L)	dB(A)	54	54	56	57
	Sound pressure level(H/M/L)	dB(A)	34/29/25/15	34/29/25/15	35/30/26/16	41/37/33/28
Installation	External dimensions(W/D/H)	mm	980/212/318	980/212/318	980/212/318	1113/230/343
	Shipping dimensions(W/D/H)	mm	1059/289/407	1059/289/407	1059/289/407	1187/296/412
	Net/Shipping weight	kg	11.8/15.2	11.8/15.2	11.8/15.2	13.5/18
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7
	Controller	standard	YR-HQ	YR-HQ	YR-HQ	YR-HQ
		optional	/	/	/	/

*Data is pending

High Wall (F+)

AS20S2SF1FA-MB(M)
AS20S2SF1FA-MW(M)
AS25S2SF1FA-MB
AS25S2SF1FA-MW
AS35S2SF1FA-MB
AS35S2SF1FA-MW
AS50S2SF1FA-MB
AS50S2SF1FA-MW
AS71S2SF1FA-MB
AS71S2SF1FA-MW





YR-HQ

- Eco-sensor
- Whispering air
- Easy installation
- Wi-Fi control

Model/indoor unit			AS20S2SF1FA-MB(M) AS20S2SF1FA-MW(M)	AS25S2SF1FA-MB AS25S2SF1FA-MW	AS35S2SF1FA-MB AS35S2SF1FA-MW	AS50S2SF1FA-MB AS50S2SF1FA-MW	AS71S2SF1FA-MB AS71S2SF1FA-MW
Capacity	Nominal Cooling	kW	2	2.6(0.8~3.2)	3.5(1.0~4.0)	5.2(1.4~7.0)	7.0(2.2~7.5)
	Nominal Heating	kW	2.5	3.2(0.8~4.2)	4.2(1.0~5.2)	6.0(1.4~6.9)	8.0(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
Performance	Air flow (H/M/L)	m³/h	600	600	650	900	1100
	Sound power level(H/M/L)	dB(A)	53	53	55	57	60
	Sound pressure level(H/M/L)	dB(A)	38/32/25/16	38/32/25/16	39/33/26/17	41/37/33/28	47/43/37/30
Installation	External dimensions(W/D/H)	mm	858/280/550	858/280/550	858/280/550	820/338/614	860/308/730
	Shipping dimensions(W/D/H)	mm	954/409/625	954/409/625	954/409/625	963/413/685	995/420/815
	Net/Shipping weight	kg	29/31.5	29/31.5	31.5/34	37.8/41.5	49/52
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7	15.88
	Controller	standard	YR-HQ	YR-HQ	YR-HQ	YR-HQ	YR-HQ
		optional	/	/	/	/	/

*Data is pending

High Wall (F eco Series)



AS25S2SF2FA
AS35S2SF2FA
AS50S2SF2FA
AS71S2SF2FA

- Eco-sensor
- Whispering air
- Easy installation
- Wi-Fi control



YR-HE

Model/indoor unit			AS25S2SF2FA	AS35S2SF2FA	AS50S2SF2FA	AS71S2SF2FA
Capacity	Nominal Cooling	kW	2.6	3.5	5.2	7
	Nominal Heating	kW	3.2	4.2	6	8
Electrical parameters	Power supply	Ph/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50
Performance	Air flow(H/M/L)	m³/h	600	650	900	1100
	Sound power level(H/M/L)	dB(A)	53	55	57	60
	Sound pressure level(H/M/L)	dB(A)	38/32/25/19	39/33/26/22	41/37/33/31	47/43/37/33
Installation	External dimensions(W/D/H)	mm	858/280/550	858/280/550	820/338/614	860/308/730
	Shipping dimensions(W/D/H)	mm	954/409/625	954/409/625	963/413/685	995/420/815
	Net/Shipping weight	kg	29/31.5	31.5/34	37.8/41.5	49/52
	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	standard	YR-HE	YR-HE	YR-HE	YR-HE
		optional	/	/	/	/

*Data is pending

High Wall (N2)

AS20S2SN2FA
AS25S2SN2FA
AS35S2SN2FA
AS50S2SN2FA
AS71S2SN2FA





YR-HBS01

- Super quiet 22dB(A)
- Nano-aqua
- 3D airflow
- Long distance air supplying
- A-PAM inverter technology

Model/indoor unit			AS20S2SN2FA	AS25S2SN2FA	AS35S2SN2FA	AS50S2SN2FA	AS71S2SN2FA
Capacity	Nominal Cooling	kW	2	2.6	3.6	5.2	7
	Nominal Heating	kW	2.3	3.6	4.5	6	8.1
Electrical parameters	Power supply	Ph/V/Hz	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	700	900	1200
	Sound power level(H/M/L)	dB(A)	54	54	56	57	60
	Sound pressure level(H/M/L)	dB(A)	35/30/25/20	35/30/25/20	38/33/29/22	41/37/33/28	47/43/37/30
Installation	External dimensions(W/D/H)	mm	855/200/280	855/200/280	900/210/310	997/230/322	1115/243/336
	Shipping dimensions(W/D/H)	mm	954/279/355	954/279/355	991/313/399	1085/329/403	1206/342/418
	Net/Shipping weight	kg	10/12.2	10/12.2	11.5/14	13/16	16/19.6
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7	12.7
	Controller	standard	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01
		optional	please refer to control system in catalogue				

*Data is pending

High Wall (N3)



AS20S2SN3FA AS50S2SN3FA
AS25S2SN3FA AS71S2SN3FA
AS35S2SN3FA

- Super quiet 22dB(A)
- Nano-aqua
- 3D airflow
- Long distance air supplying
- A-PAM inverter technology



YR-HBS01

Model/indoor unit			AS20S2SN3FA	AS25S2SN3FA	AS35S2SN3FA	AS50S2SN3FA	AS71S2SN3FA
Capacity	Nominal Cooling	kW	2	2.6	3.6	5.2	7
	Nominal Heating	kW	2.3	3.6	4.5	6	8.1
Electrical parameters	Power supply	Ph/V/Hz	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	700	900	1200
	Sound power level(H/M/L)	dB(A)	54	54	56	57	60
	Sound pressure level(H/M/L)	dB(A)	35/30/25/20	35/30/25/20	38/33/29/22	41/37/33/28	47/43/37/30
Installation	External dimensions(W/D/H)	mm	855/200/280	855/200/280	900/210/310	997/230/322	1115/243/336
	Shipping dimensions(W/D/H)	mm	954/279/355	954/279/355	991/313/399	1085/329/403	1206/342/418
	Net/Shipping weight	kg	10/12.2	10/12.2	11.5/14	13/16	16/19.6
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7	12.7
	Controller	standard	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01
		optional	please refer to control system in catalogue				

*Data is pending

High Wall (Tundra)

AS09TADHRA*
AS12TADHRA*
AS18TDDHRA*
AS24TEAHRA*





YR-HE

- Super quiet 20dB(A)
- Intelligent Air
- Easy Support Clip

Model/indoor unit			AS25TADHRA	AS35TADHRA	AS50TDDHRA	AS68TEBHRA
Capacity	Nominal Cooling	kW	2.6(0.8~3.4)	3.6(1.0~4.0)	5.0(1.3~5.8)	7.0(2.2~8.5)
	Nominal Heating	kW	2.9(1.0~3.8)	3.7(1.1~4.6)	5.2(1.4~6.0)	8.1(2.4~10.0)
Electrical parameters	Power supply	Ph/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50
Performance	Air flow (H/M/L)	m³/h	500	550	1000	1200
	Sound power level(H/M/L)	dB(A)	53	55	57	60
	Sound pressure level(H/M/L)	dB(A)	37/32/28/20	38/33/29/21	44/40/35/28	47/43/37/30
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	8.8/11	8.8/11	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



AF25S2SD1FA
AF35S2SD1FA

- Night quiet mode (2.5kW) only 20dB(A)
- Carpet airflow
- WIFI (Optional)
- The indoor units can be installed on the floor or on the wall.

It's more flexible and easy for installation.



YR-HBS01

Model/indoor unit			AF25S2SD1FA	AF35S2SD1FA
Capacity	Nominal Cooling	kW	2.5	3.4
	Nominal Heating	kW	2.8	3.5
Electrical parameters	Power supply	Ph/V/Hz	1/220~240/50/60	1/220~240/50/60
Performance	Air flow (H/M/L)	m³/h	450	500
	Sound power level(H/M/L)	dB(A)	55	56
	Sound pressure level(H/M/L)	dB(A)	40/32/25/20	42/34/26/21
Installation	External dimensions(W/D/H)	mm	700/210/600	700/210/600
	Shipping dimensions(W/D/H)	mm	783/303/695	783/303/695
	Net/Shipping weight	kg	16.5/18.5	16.5/18.5
	Refrigerant liquid pipe	mm	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52
	Controller	standard	YR-HBS01	YR-HBS01
		optional	YR-E17	YR-E17

*Data is pending

Slim Low Pressure Duct

AD25S2SS1FA
AD35S2SS1FA
AD50S2SS1FA*
AD71S2SS1FA*





YR-HBS01



YR-E17

- DC fan motor
- Super slim design, only 185mm
- Reserved fresh air inlet
- Built-in high head drain pump
- Friendly design of rear or bottom air return

Model/ Standard Indoor unit drian pump included			AD25S2SS1FA	AD35S2SS1FA	AD50S2SS1FA*	AD71S2SS1FA*
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	530/460/390/330	600/480/420/350	900/750/600	1000/850/750
	External static pressure	Pa	0/10/20/30	0/10/20/30	0/10/20/30	0/10/20/30
	Sound power level (H/M/L)	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-E17	YR-E17	YR-E17	YR-E17
		optional(wireless)	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01
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



AD35S2SM3FA*
AD50S2SM3FA*
AD71S2SM3FA*

- Ultra thin design, only 248mm
- Adjust pressure: 25/37/50/70/90/100/110/120/130/150Pa by wired controller
- Built-in high head drain pump
- Reserved fresh air inlet
- Friendly design of rear or bottom air return



Model/ Standard Indoor unit drian pump included			AD35S2SM3FA*	AD50S2SM3FA*	AD71S2SM3FA*
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	Air flow (H/M/L)	m³/h	840/720/600/450	1080/900/780/660	1440/1140/900/800
	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 (H/M/L)	dB(A)	55	57	58
	Sound pressure level (H/M/L)	dB(A)	35/32/29/26	37/34/32/29	39/36/33/30
Installation	External dimensions(W/D/H)	mm	700/700/248	700/700/248	1100/700/248
	Shipping dimensions(W/D/H)	mm	920/860/340	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-E17	YR-E17	YR-E17
		optional(wireless)	YR-HBS01	YR-HBS01	YR-HBS01

* Data is pending

Convertible

AC35S2SG1FA
AC50S2SG1FA
AC71S2SG1FA





- Quiet to 34dB(A) (7.1kW)
- Left/right swing independently(Optional)
- Intellijent sensor(Optional)
- Easy to wire and maintain PCB, simply Open the grille to make it

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	Air flow (H/M/L)	m³/h	650	800	1250/1128/930/840
	Sound power level(H/M/L)	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	26/28	26/28	26/28
	Refrigerant liquid pipe	mm	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	12.7	15.88
	Controller	optional(wireless)	YR-HBS01	YR-HBS01	YR-HBS01
		optional(wired)	YR-E17	YR-E17	YR-E17

* Data is pending

Compact Cassette



AB25S2SC1FA AB25S2SC2FA*
AB35S2SC1FA AB35S2SC2FA*
AB50S2SC1FA AB50S2SC2FA*

- Compact design
- New panel design 620*620mm (AB25/35/50S2SC2FA)
- Low sound level
- Oriqinal panel 700*700mm (AB25/35/50S2SC1FA)



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)	m^3/h	510/450/390/330	620/520/420/350	700/600/500/400	510/450/390/330	620/520/420/350	700/600/500/400
	Sound power level(H/M/L)	dB(A)	50	52	57	50	52	57
	Sound pressure level(H/M/L)	dB(A)	31/28/25/23	35/32/30/28	42/37/35/31	31/28/25/23	35/32/30/28	42/37/35/31
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	18.5/22
	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-HBS01	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01
		optional(wired)	YR-E17	YR-E17	YR-E17	YR-E17	YR-E17	YR-E17
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	656/653/95	656/653/95	656/653/95
	Net/Shipping weight	kg	2.8/4.8	2.8/4.8	2.8/4.8	2.8/4.8	2.8/4.8	2.8/4.8

*Data is pending

Round Way Cassette

AB71S2SG1FA





- Unique round-way air outlet, no blind spot
- Innovative 4 independent air flow control
- 6 adjustable louver positions, 1296 air flow combinations
- Move Eye intelligent system, intelligence all around(optional)

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)	m^3/h	1260/1070/820/680
	Sound power level (H/M/L)	dB(A)	55
	Sound pressure level (H/M/L)	dB(A)	36/33/29/26
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-HBS01
		optional(wired)	YR-E17
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

3U55S2SR2FA Combination And The Data

COOLING

Comb.	Combinations			Rated capacity(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	UnitA	UnitB	UnitC	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	0.62	1.50	2.44	2.75	6.65	—	—	—	—
	2.5	—	—	2.60	—	—	0.80	2.60	3.90	0.55	0.78	1.65	2.44	3.46	7.32	—	—	—	—
	3.5	—	—	3.60	—	—	1.00	3.60	5.30	0.55	1.07	1.76	2.44	4.75	7.81	—	—	—	—
	4.2	—	—	4.40	—	—	1.30	4.40	5.00	0.55	1.28	2.15	2.44	5.68	9.54	—	—	—	—
	5.0	—	—	5.2	—	—	1.40	5.2	7.00	0.55	1.48	2.24	2.44	6.57	9.94	—	—	—	—
BI(1x2)	2.0	2.0	—	2.00	2.00	—	1.60	4.00	5.60	0.55	1.18	2.50	2.44	5.24	11.09	3.39	A	6.60	A++
	2.0	2.5	—	2.00	2.60	—	1.80	4.60	6.70	0.55	1.32	2.50	2.44	5.86	11.09	3.48	A	6.70	A++
	2.0	3.5	—	1.96	3.54	—	2.10	5.50	7.00	0.55	1.55	2.50	2.44	6.88	11.09	3.55	A	6.80	A++
	2.0	4.2	—	1.72	3.78	—	2.10	5.50	7.00	0.55	1.54	2.50	2.44	6.83	11.09	3.57	A	6.80	A++
	2.0	5.0	—	1.53	3.97	—	2.10	5.50	7.00	0.55	1.54	2.50	2.44	6.83	11.09	3.57	A	6.80	A++
	2.5	2.5	—	2.60	2.60	—	2.00	5.20	7.00	0.55	1.49	2.50	2.44	6.61	11.09	3.49	A	6.80	A++
	2.5	3.5	—	2.18	3.02	—	2.10	5.20	7.00	0.55	1.53	2.50	2.44	6.79	11.09	3.40	A	6.30	A++
	2.5	4.2	—	2.04	3.46	—	2.10	5.50	7.00	0.55	1.52	2.50	2.44	6.74	11.09	3.62	A	6.80	A++
	2.5	5.0	—	1.83	3.67	—	2.10	5.50	7.00	0.55	1.50	2.50	2.44	6.65	11.09	3.67	A	6.80	A++
	3.5	3.5	—	2.75	2.75	—	2.10	5.50	7.00	0.55	1.50	2.50	2.44	6.65	11.09	3.67	A	6.80	A++
TRI (1x3)	2.0	2.0	2.0	1.83	1.83	1.83	2.10	5.50	7.00	0.55	1.45	2.50	2.44	6.43	11.09	3.79	A	7.20	A++
	2.0	2.0	2.5	1.67	1.67	2.17	2.10	5.50	7.00	0.55	1.45	2.50	2.44	6.43	11.09	3.79	A	7.20	A++
	2.0	2.0	3.5	1.45	1.45	2.61	2.10	5.50	7.00	0.55	1.43	2.50	2.44	6.34	11.09	3.85	A	7.30	A++
	2.0	2.5	2.5	1.53	1.99	1.99	2.10	5.50	7.00	0.55	1.43	2.50	2.44	6.34	11.09	3.85	A	7.40	A++
	2.0	2.5	3.5	1.34	1.74	2.41	2.10	5.50	7.00	0.55	1.42	2.50	2.44	6.30	11.09	3.87	A	7.40	A++
	2.5	2.5	2.5	1.83	1.83	1.83	2.10	5.50	7.00	0.55	1.37	2.50	2.44	6.08	11.09	4.01	A	7.50	A++

HEATING

Comb.	Combinations			Rated capacity(kW) (Nom. heating)			Total cooling capacity(kW)			Total power input(kW)			Total current(A)@230V			COP (W/W)	ENERGY LABEL	SCOP (W/W)	ENERGY LABEL
	UnitA	UnitB	UnitC	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x1	2.0	—	—	2.30	—	—	0.80	2.30	4.00	0.55	0.63	1.80	2.44	2.80	7.99	—	—	—	—
	2.5	—	—	3.60	—	—	0.80	3.60	6.00	0.55	0.98	1.90	2.44	4.35	8.43	—	—	—	—
	3.5	—	—	4.50	—	—	1.00	4.50	6.00	0.55	1.20	2.00	2.44	5.32	8.87	—	—	—	—
	4.2	—	—	5.40	—	—	1.50	5.40	6.00	0.55	1.40	2.00	2.44	6.21	8.87	—	—	—	—
	5.0	—	—	6.00	—	—	1.50	6.00	7.60	0.55	1.55	2.20	2.44	6.88	9.76	—	—	—	—
BI(1x2)	2.0	2.0	—	2.30	2.30	—	1.20	4.60	7.60	0.55	1.25	2.10	2.44	5.55	9.32	3.68	A	3.70	A
	2.0	2.5	—	2.30	3.60	—	1.20	5.90	7.60	0.55	1.54	2.10	2.44	6.83	9.32	3.83	A	3.75	A
	2.0	3.5	—	2.30	4.50	—	1.20	6.80	7.60	0.55	1.72	2.10	2.44	7.63	9.32	3.95	A	3.75	A
	2.0	4.2	—	2.03	4.77	—	1.70	6.80	7.60	0.55	1.70	2.10	2.44	7.54	9.32	4.00	A	3.75	A
	2.0	5.0	—	1.88	4.92	—	1.70	6.80	7.60	0.55	1.70	2.10	2.44	7.54	9.32	4.00	A	3.75	A
	2.5	2.5	—	3.40	3.40	—	1.70	6.80	7.60	0.55	1.68	2.20	2.44	7.45	9.76	4.05	A	3.80	A
	2.5	3.5	—	2.89	3.61	—	1.70	6.50	7.60	0.55	1.68	2.20	2.44	7.45	9.76	3.87	A	3.80	A
	2.5	4.2	—	2.72	4.08	—	1.70	6.80	7.60	0.55	1.66	2.20	2.44	7.36	9.76	4.10	A	3.80	A
	2.5	5.0	—	2.55	4.25	—	1.70	6.80	7.60	0.55	1.66	2.20	2.44	7.36	9.76	4.10	A	3.85	A
	3.5	3.5	—	3.40	3.40	—	1.70	6.80	7.60	0.55	1.66	2.20	2.44	7.36	9.76	4.10	A	3.85	A
TRI (1x3)	2.0	2.0	2.0	2.27	2.27	2.27	1.70	6.80	7.60	0.55	1.64	2.20	2.44	7.28	9.76	4.15	A	3.90	A
	2.0	2.0	2.5	1.91	1.91	2.99	1.70	6.80	7.60	0.55	1.63	2.20	2.44	7.23	9.76	4.17	A	3.90	A
	2.0	2.0	3.5	1.72	1.72	3.36	1.70	6.80	7.60	0.55	1.63	2.20	2.44	7.23	9.76	4.17	A	3.90	A
	2.0	2.5	2.5	1.65	2.58	2.58	1.70	6.80	7.60	0.55	1.62	2.20	2.44	7.19	9.76	4.20	A	3.95	A
	2.0	2.5	3.5	1.50	2.35	2.94	1.70	6.80	7.60	0.55	1.62	2.20	2.44	7.19	9.76	4.20	A	3.95	A
	2.5	2.5	2.5	2.27	2.27	2.27	1.70	6.80	7.60	0.55	1.55	2.20	2.44	6.88	9.76	4.39	A	4.00	A+

3U70S2SR2FA Combination And The Data

COOLING

Comb.	Combinations			Rated capacity(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	UnitA	UnitB	UnitC	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	0.62	1.30	2.44	2.75	5.8	—	—	—	—
	2.5	—	—	2.60	—	—	0.80	2.60	3.90	0.55	0.79	1.34	2.44	3.50	5.9	—	—	—	—
	3.5	—	—	3.60	—	—	1.00	3.60	5.30	0.55	1.09	1.65	2.44	4.84	7.3	—	—	—	—
	4.2	—	—	4.40	—	—	1.30	4.40	5.00	0.55	1.32	1.90	2.44	5.85	8.43	—	—	—	—
	5.0	—	—	5.20	—	—	1.40	5.20	7.00	0.55	1.55	2.00	2.44	6.88	8.9	—	—	—	—
	7.1	—	—	6.50	—	—	1.50	6.50	7.40	0.55	1.92	2.60	2.44	8.52	11.5	—	—	—	—
BI(1x2)	2.0	2.0	—	2.00	2.00	—	1.80	4.00	5.60	0.55	1.21	2.60	2.44	5.37	11.5	3.31	A	6.60	A++
	2.0	2.5	—	2.00	2.60	—	1.80	4.60	6.70	0.55	1.35	2.64	2.44	5.99	11.7	3.41	A	6.60	A++
	2.0	3.5	—	2.00	3.60	—	1.80	5.60	7.50	0.55	1.65	2.95	2.44	7.32	13.1	3.39	A	6.60	A++
	2.0	4.2	—	2.00	4.40	—	1.80	6.40	7.60	0.55	1.89	3.00	2.44	8.39	13.3	3.39	A	6.70	A++
	2.0	5.0	—	1.94	5.06	—	2.40	7.00	7.60	0.55	2.02	3.00	2.44	8.96	13.3	3.47	A	6.70	A++
	2.5	2.5	—	2.60	2.60	—	2.00	5.20	7.40	0.55	1.52	2.68	2.44	6.74	11.9	3.42	A	6.70	A++
	2.5	3.5	—	2.60	3.60	—	2.00	6.20	7.60	0.55	1.79	2.99	2.44	7.94	13.3	3.46	A	6.70	A++
	2.5	4.2	—	2.60	4.40	—	2.40	7.00	7.60	0.55	2.02	3.00	2.44	8.96	13.3	3.47	A	6.70	A++
	2.5	5.0	—	2.33	4.67	—	2.40	7.00	7.60	0.55	2.00	3.00	2.44	8.87	13.3	3.50	A	6.70	A++
	3.5	3.5	—	3.40	3.40	—	2.40	6.80	7.60	0.55	2.00	3.20	2.44	8.87	14.2	3.40	A	6.20	A++
	3.5	4.2	—	3.15	3.85	—	2.40	7.00	7.60	0.55	1.82	3.20	2.44	8.07	14.2	3.85	A	6.80	A++
	3.5	5.0	—	2.86	4.14	—	2.40	7.00	7.60	0.55	1.82	3.20	2.44	8.07	14.2	3.85	A	6.80	A++
	4.2	4.2	—	3.50	3.50	—	2.40	7.00	7.60	0.55	1.82	3.20	2.44	8.07	14.2	3.85	A	6.80	A++
TRI (1x3)	2.0	2.0	2.0	2.00	2.00	2.00	2.40	6.00	7.60	0.55	1.75	2.70	2.44	7.76	12.0	3.43	A	7.20	A++
	2.0	2.0	2.5	2.00	2.00	2.60	2.40	6.60	7.60	0.55	1.75	2.70	2.44	7.76	12.0	3.77	A	7.20	A++
	2.0	2.0	3.5	1.84	1.84	3.32	2.40	7.00	7.60	0.55	1.80	2.70	2.44	7.99	12.0	3.89	A	7.20	A++
	2.0	2.0	4.2	1.67	1.67	3.67	2.40	7.00	7.60	0.55	1.80	2.70	2.44	7.99	12.0	3.89	A	7.20	A++
	2.0	2.0	5.0	1.52	1.52	3.96	2.40	7.00	7.60	0.55	1.80	2.70	2.44	7.99	12.0	3.89	A	7.20	A++
	2.0	2.5	2.5	1.94	2.53	2.53	2.40	7.00	7.60	0.55	1.80	2.70	2.44	7.99	12.0	3.89	A	7.30	A++
	2.0	2.5	3.5	1.71	2.22	3.07	2.40	7.00	7.60	0.55	1.80	2.70	2.44	7.99	12.0	3.89	A	7.30	A++
	2.0	2.5	4.2	1.56	2.02	3.42	2.40	7.00	7.60	0.55	1.80	2.70	2.44	7.99	12.0	3.89	A	7.30	A++
	2.0	2.5	5.0	1.43	1.86	3.71	2.40	7.00	7.60	0.55	1.82	2.70	2.44	8.07	12.0	3.85	A	7.30	A++
	2.0	3.5	3.5	1.52	2.74	2.74	2.40	7.00	7.60	0.55	1.82	2.70	2.44	8.07	12.0	3.85	A	7.40	A++
	2.0	3.5	4.2	1.40	2.52	3.08	2.40	7.00	7.60	0.55	1.80	2.70	2.44	7.99	12.0	3.89	A	7.40	A++
	2.5	2.5	2.5	2.33	2.33	2.33	2.40	7.00	7.60	0.55	1.76	2.70	2.44	7.81	12.0	3.98	A	7.50	A++
	2.5	2.5	3.5	2.07	2.07	2.86	2.40	7.00	7.60	0.55	1.78	2.70	2.44	7.90	12.0	3.93	A	7.50	A++
	2.5	2.5	4.2	1.90	1.90	3.21	2.40	7.00	7.60	0.55	1.78	2.70	2.44	7.90	12.0	3.93	A	7.50	A++
	2.5	3.5	3.5	1.86	2.57	2.57	2.40	7.00	7.60	0.55	1.78	2.70	2.44	7.90	12.0	3.93	A	7.50	A++

HEATING

Comb.	Combinations			Rated capacity(kW) (Nom. heating)			Total cooling capacity(kW)			Total power input(kW)			Total current(A)@230V			COP (W/W)	ENERGY LABEL	SCOP (W/W)	ENERGY LABEL
	UnitA	UnitB	UnitC	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x1	2.0	—	—	2.30	—	—	0.80	2.30	4.00	0.55	0.64	1.40	2.44	2.83	6.21	—	—	—	—
	2.5	—	—	3.60	—	—	0.80	3.60	6.00	0.55	0.98	1.50	2.44	4.35	6.65	—	—	—	—
	3.5	—	—	4.50	—	—	1.00	4.50	6.00	0.55	1.22	1.65	2.44	5.41	7.32	—	—	—	—
	4.2	—	—	5.40	—	—	1.50	5.40	6.00	0.55	1.45	1.90	2.44	6.43	8.43	—	—	—	—
	5.0	—	—	6.00	—	—	1.50	6.00	8.00	0.55	1.60	2.00	2.44	7.10	8.87	—	—	—	—
	7.1	—	—	7.00	—	—	1.50	7.00	8.60	0.55	1.84	2.20	2.44	8.16	9.76	—	—	—	—
BI(1x2)	2.0	2.0	—	2.30	2.30	—	2.60	4.60	8.00	0.55	1.25	2.00	2.44	5.55	8.87	3.68	A	3.80	A
	2.0	2.5	—	2.30	3.60	—	2.70	5.90	8.50	0.55	1.60	2.00	2.44	7.10	8.87	3.69	A	3.80	A
	2.0	3.5	—	2.30	4.50	—	2.70	6.80	8.50	0.55	1.82	2.10	2.44	8.07	9.32	3.74	A	3.80	A
	2.0	4.2	—	2.27	5.33	—	2.90	7.60	8.50	0.55	2.06	2.10	2.44	9.14	9.32	3.69	A	3.90	A
	2.0	5.0	—	2.11	5.49	—	2.90	7.60	8.50	0.55	2.05	2.10	2.44	9.09	9.32	3.71	A	3.90	A
	2.5	2.5	—	3.60	3.60	—	2.90	7.20	8.50	0.55	1.93	2.10	2.44	8.56	9.32	3.73	A	3.90	A
	2.5	3.5	—	3.38	4.22	—	2.90	7.60	8.50	0.55	2.05	2.10	2.44	9.09	9.32	3.71	A	3.90	A
	2.5	4.2	—	3.04	4.56	—	2.90	7.60	8.50	0.55	2.06	2.10	2.44	9.14	9.32	3.69	A	3.95	A
	2.5	5.0	—	2.85	4.75	—	2.90	7.60	8.50	0.55	2.05	2.10	2.44	9.09	9.32	3.71	A	3.95	A
	3.5	3.5	—	3.75	3.75	—	2.90	7.50	8.50	0.55	1.93	2.20	2.44	8.54	9.76	3.90	A	3.80	A
	3.5	4.2	—	3.45	4.15	—	2.90	7.60	8.50	0.55	2.02	2.20	2.44	8.96	9.76	3.76	A	4.00	A+
	3.5	5.0	—	3.26	4.34	—	2.90	7.60	8.50	0.55	2.00	2.20	2.44	8.87	9.76	3.80	A	4.00	A+
	4.2	4.2	—	3.80	3.80	—	2.90	7.60	8.50	0.55	2.00	2.20	2.44	8.87	9.76	3.80	A	4.00	A+
TRI (1x3)	2.0	2.0	2.0	2.30	2.30	2.30	2.90	6.90	8.50	0.55	1.85	2.30	2.44	8.21	10.20	3.73	A	4.05	A+
	2.0	2.0	2.5	2.13	2.13	3.34	2.90	7.60	8.50	0.55	1.98	2.30	2.44	8.78	10.20	3.84	A	4.05	A+
	2.0	2.0	3.5	1.92	1.92	3.76	2.90	7.60	8.50	0.55	1.96	2.30	2.44	8.70	10.20	3.88	A	4.05	A+
	2.0	2.0	4.2	1.75	1.75	4.10	2.90	7.60	8.50	0.55	1.95	2.30	2.44	8.65	10.20	3.90	A	4.05	A+
	2.0	2.0	5.0	1.65	1.65	4.30	2.90	7.60	8.50	0.55	1.95	2.30	2.44	8.65	10.20	3.90	A	4.05	A+
	2.0	2.5	2.5	1.84	2.88	2.88	2.90	7.60	8.50	0.55	1.90	2.30	2.44	8.43	10.20	4.00	A	4.08	A+
	2.0	2.5	3.5	1.68	2.63	3.29	2.90	7.60	8.50	0.55	1.85	2.30	2.44	8.21	10.20	4.11	A	4.08	A+
	2.0	2.5	4.2	1.55	2.42	3.63	2.90	7.60	8.50	0.55	1.85	2.30	2.44	8.21	10.20	4.11	A	4.08	A+
	2.0	2.5	5.0	1.47	2.30	3.83	2.90	7.60	8.50	0.55	1.86	2.30	2.44	8.25	10.20	4.09	A	4.08	A+
	2.0	3.5	3.5	1.55	3.03	3.03	2.90	7.60	8.50	0.55	1.88	2.30	2.44	8.34	10.20	4.04	A	4.10	A+
	2.0	3.5	4.2	1.43	2.80	3.36	2.90	7.60	8.50	0.55	1.85	2.30	2.44	8.21	10.20	4.11	A	4.10	A+
	2.5	2.5	2.5	2.53	2.53	2.53	2.90	7.60	8.50	0.55	1.81	2.30	2.44	8.03	10.20	4.20	A	4.20	A+
	2.5	2.5	3.5	2.34	2.34	2.92	2.90	7.60	8.50	0.55	1.84	2.30	2.44	8.16	10.20	4.13	A	4.20	A+
	2.5	2.5	4.2	2.17	2.17	3.26	2.90	7.60	8.50	0.55	1.84	2.30	2.44	8.16	10.20	4.13	A	4.20	A+
	2.5	3.5	3.5	2.17	2.71	2.71	2.90	7.60	8.50	0.55	1.84	2.30	2.44	8.16	10.20	4.13	A	4.20	A+

Match Table

4U75S2SR2FA 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	SEER	ENERGY
	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	LABEL	(W/W)	LABEL
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	—	—	—	—
BI(1x2)	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++
	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	—	—	2.50	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++
	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++
TRI (1x3)	2.0	2.0	2.0	—	2.00	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++
	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	A	6.70	A++
	2.0	3.5	3.5	—	1.63	2.93	2.93	—	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	3.5	4.2	—	1.50	2.70	3.30	—	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	3.5	5.0	—	1.39	2.50	3.61	—	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	3.5	7.1	—	1.24	2.23	4.03	—	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	4.2	4.2	—	1.39	3.06	3.06	—	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	4.2	5.0	—	1.29	2.84	3.36	—	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	4.2	7.1	—	1.16	2.55	3.78	—	2.40	7.50	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.49	A	6.70	A++
	2.5	2.5	2.5	—	2.50	2.50	2.50	—	2.40	7.50	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.49	A	6.72	A++
	2.5	2.5	3.5	—	2.22	2.22	3.07	—	2.40	7.50	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.49	A	6.72	A++
	2.5	2.5	4.2	—	2.03	2.03	3.44	—	2.40	7.50	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.49	A	6.74	A++
	2.5	2.5	5.0	—	1.88	1.88	3.75	—	2.40	7.50	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.49	A	6.74	A++
	2.5	2.5	7.1	—	1.67	1.67	4.17	—	2.40	7.50	8.70	0.55	2.15	3.40	2.44	9.54	15.08	3.49	A	6.70	A++
	2.5	3.5	3.5	—	1.99	2.76	2.76	—	2.40	7.50	8.70	0.55	2.08	3.40	2.44	9.23	15.08	3.61	A	6.73	A++
	2.5	3.5	4.2	—	1.84	2.55	3.11	—	2.40	7.50	8.70	0.55	2.08	3.40	2.44	9.23	15.08	3.61	A	6.70	A++
	2.5	3.5	5.0	—	1.71	2.37	3.42	—	2.40	7.50	8.70	0.55	2.08	3.40	2.44	9.23	15.08	3.61	A	6.70	A++
	2.5	3.5	7.1	—	1.54	2.13	3.84	—	2.40	7.50	8.70	0.55	2.08	3.40	2.44	9.23	15.08	3.61	A	6.70	A++
	2.5	4.2	4.2	—	1.71	2.89	2.89	—	2.40	7.50	8.70	0.55	2.08	3.40	2.44	9.23	15.08	3.61	A	6.70	A++
	2.5	4.2	5.0	—	1.60	2.70	3.20	—	2.40	7.50	8.70	0.55	2.08	3.40	2.44	9.23	15.08	3.61	A	6.70	A++
	3.5	3.5	3.5	—	2.50	2.50	2.50	—	2.40	7.50	8.70	0.55	2.08	3.40	2.44	9.23	15.08	3.61	A	6.75	A++
	3.5	3.5	4.2	—	2.33	2.33	2.84	—	2.40	7.50	8.70	0.55	2.08	3.40	2.44	9.23	15.08	3.61	A	6.70	A++
	3.5	3.5	5.0	—	2.18	2.18	3.15	—	2.40	7.50	8.70	0.55	2.08	3.40	2.44	9.23	15.08	3.61	A	6.70	A++
QUADRI (1x4)	2.0	2.0	2.0	2.0	1.88	1.88	1.88	1.88	2.40	7.50	8.70	0.55	2.12	3.40	2.44	9.41	15.08	3.54	A	6.80	A++
	2.0	2.0	2.0	2.5	1.74	1.74	1.74	2.27	2.40	7.50	8.70	0.55	2.12	3.40	2.44	9.41	15.08	3.54	A	6.80	A++
	2.0	2.0	2.0	3.5	1.56	1.56	1.56	2.81	2.40	7.50	8.70	0.55	2.12	3.40	2.44	9.41	15.08	3.54	A	6.80	A++
	2.0	2.0	2.0	4.2	1.44	1.44	1.44	3.17	2.40	7.50	8.70	0.55	2.12	3.40	2.44	9.41	15.08	3.54	A	6.80	A++
	2.0	2.0	2.0	5.0	1.34	1.34	1.34	3.48	2.40	7.50	8.70	0.55	2.02	3.40	2.44	8.96	15.08	3.71	A	6.80	A++
	2.0	2.0	2.0	7.1	1.20	1.20	1.20	3.90	2.40	7.50	8.70	0.55	2.02	3.40	2.44	8.96	15.08	3.71	A	6.70	A++
	2.0	2.0	2.5	2.5	1.63	1.63	2.12	2.12	2.40	7.50	8.70	0.55	2.02	3.40	2.44	8.96	15.08	3.71	A	6.80	A++
	2.0	2.0	2.5	3.5	1.47	1.47	1.91	2.65	2.40	7.50	8.70	0.55	2.02	3.40	2.44	8.96	15.08	3.71	A	6.80	A++
	2.0	2.0	2.5	4.2	1.36	1.36	1.77	3.00	2.40	7.50	8.70	0.55	2.02	3.40	2.44	8.96	15.08	3.71	A	6.80	A++
	2.0	2.0	2.5	5.0	1.27	1.27	1.65	3.31	2.40	7.50	8.70	0.55	2.02	3.40	2.44	8.96	15.08	3.71	A	6.80	A++
	2.0	2.0	2.5	7.1	1.15	1.15	1.49	3.72	2.40	7.50	8.70	0.55	2.02	3.40	2.44	8.96	15.08	3.71	A	6.70	A++
	2.0	2.0	3.5	3.5	1.34	1.34	2.41	2.41	2.40	7.50	8.70	0.55	2.02	3.40	2.44	8.96	15.08	3.71	A	6.80	A++
	2.0	2.0	3.5	4.2	1.25	1.25	2.25	2.75	2.40	7.50	8.70	0.55	2.02	3.40	2.44	8.96	15.08	3.71	A	6.70	A++
	2.0	2.0	3.5	5.0	1.17	1.17	2.11	3.05	2.40	7.50	8.70	0.55	2.02	3.40	2.44	8.96	15.08	3.71	A	6.70	A++
	2.0	2.0	4.2	4.2	1.17	1.17	2.58	2.58	2.40	7.50	8.70	0.55	2.02	3.40	2.44	8.96	15.08	3.71	A	7.00	A++
	2.0	2.0	4.2	5.0	1.10	1.10	2.43	2.87	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.0	2.5	2.5	2.5	1.53	1.99	1.99	1.99	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.0	2.5	2.5	3.5	1.39	1.81	1.81	2.50	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.0	2.5	2.5	4.2	1.29	1.68	1.68	2.84	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.0	2.5	2.5	5.0	1.21	1.57	1.57	3.15	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.0	2.5	3.5	3.5	1.27	1.65	2.29	2.29	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.0	2.5	3.5	4.2	1.19	1.55	2.14	2.62	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.0	2.5	3.5	5.0	1.12	1.46	2.01	2.91	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.0	2.5	4.2	4.2	1.12	1.46	2.46	2.46	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.0	2.5	4.2	5.0	1.06	1.37	2.32	2.75	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.0	3.5	3.5	3.5	1.17	2.11	2.11	2.11	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.0	3.5	3.5	4.2	1.10	1.99	1.99	2.43	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.5	2.5	2.5	2.5	1.88	1.88	1.88	1.88	2.40	7.50	8.70	0.55	2.00	3.40	2.44	8.87	15.08	3.75	A	7.00	A++
	2.5	2.5	2.5	3.5	1.71	1.71	1.71	2.37	2.40	7.50	8.70	0.55	1.97	3.40	2.44	8.74	15.08	3.81	A	7.00	A++
	2.5	2.5	2.5	4.2	1.60	1.60	1.60	2.70	2.40	7.50	8.70	0.55	1.97	3.40	2.44	8.74	15.08	3.81	A	7.00	A++
	2.5	2.5	3.5	3.5	1.57	1.57	2.18	2.18	2.40	7.50	8.70	0.55	1.97	3.40	2.44	8.74	15.08	3.81	A	7.00	A++

4U75S2SR2FA 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	SCOP	ENERGY
	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	LABEL	(W/W)	LABEL
1x1	2.0	—	—	—	2.30	—	—	—	0.80	2.30	4.00	0.55	0.63	1.50	2.44	2.80	6.65	—	—	—	—
	2.5	—	—	—	3.60	—	—	—	0.80	3.60	6.00	0.55	0.98	1.40	2.44	4.35	6.21	—	—	—	—
	3.5	—	—	—	4.50	—	—	—	1.00	4.50	6.00	0.55	1.21	1.50	2.44	5.37	6.65	—	—	—	—
	4.2	—	—	—	5.40	—	—	—	1.50	5.40	6.00	0.55	1.44	1.90	2.44	6.39	8.43	—	—	—	—
	5.0	—	—	—	6.00	—	—	—	1.50	6.00	8.00	0.55	1.59	2.60	2.44	7.05	11.54	—	—	—	—
	7.1	—	—	—	7.00	—	—	—	1.50	7.00	8.60	0.55	1.83	2.60	2.44	8.12	11.54	—	—	—	—
BI(1x2)	2.0	2.0	—	—	2.30	2.30	—	—	2.80	4.60	8.00	0.55	1.25	2.90	2.44	5.55	12.87	3.68	A	3.75	A
	2.0	2.5	—	—	2.30	3.60	—	—	2.80	5.90	9.00	0.55	1.59	2.90	2.44	7.05	12.87	3.71	A	3.75	A
	2.0	3.5	—	—	2.30	4.50	—	—	2.80	6.80	10.00	0.55	1.83	2.90	2.44	8.12	12.87	3.72	A	3.75	A
	2.0	4.2	—	—	2.30	5.40	—	—	3.10	7.70	10.00	0.55	2.05	2.90	2.44	9.09	12.87	3.76	A	3.80	A
	2.0	5.0	—	—	2.30	6.00	—	—	3.10	8.30	10.00	0.55	2.22	2.90	2.44	9.85	12.87	3.74	A	3.80	A
	2.0	7.1	—	—	2.13	6.47	—	—	3.10	8.60	10.00	0.55	2.30	2.90	2.44	10.20	12.87	3.74	A	3.85	A
	2.5	2.5	—	—	3.60	3.60	—	—	3.10	7.20	10.00	0.55	1.94	2.90	2.44	8.61	12.87	3.71	A	3.85	A
	2.5	3.5	—	—	3.60	4.50	—	—	3.10	8.10	10.00	0.55	2.12	2.90	2.44	9.41	12.87	3.82	A	3.83	A
	2.5	4.2	—	—	3.44	5.16	—	—	3.10	8.60	10.00	0.55	2.25	2.90	2.44	9.98	12.87	3.82	A	3.87	A
	2.5	5.0	—	—	3.23	5.38	—	—	3.10	8.60	10.00	0.55	2.22	2.90	2.44	9.85	12.87	3.87	A	3.85	A
	2.5	7.1	—	—	2.92	5.68	—	—	3.10	8.60	10.00	0.55	2.22	2.90	2.44	9.85	12.87	3.87	A	3.84	A
	3.5	3.5	—	—	4.30	4.30	—	—	3.10	8.60	10.00	0.55	2.22	2.90	2.44	9.85	12.87	3.87	A	3.86	A
	3.5	4.2	—	—	3.91	4.69	—	—	3.10	8.60	10.00	0.55	2.22	3.00	2.44	9.85	13.31	3.87	A	3.82	A
	3.5	5.0	—	—	3.51	4.69	—	—	3.10	8.20	10.00	0.55	2.10	3.00	2.44	9.32	13.31	3.90	A	3.80	A
	3.5	7.1	—	—	3.37	5.23	—	—	3.10	8.60	10.00	0.55	2.20	3.00	2.44	9.76	13.31	3.91	A	3.84	A
	4.2	4.2	—	—	4.30	4.30	—	—	3.10	8.60	10.00	0.55	2.20	3.10	2.44	9.76	13.75	3.91	A	3.86	A
	4.2	5.0	—	—	4.07	4.53	—	—	3.10	8.60	10.00	0.55	2.19	3.10	2.44	9.72	13.75	3.93	A	3.83	A
	4.2	7.1	—	—	3.75	4.85	—	—	3.10	8.60	10.00	0.55	2.19	3.10	2.44	9.72	13.75	3.93	A	3.86	A
	5.0	5.0	—	—	4.30	4.30	—	—	3.10	8.60	10.00	0.55	2.19	3.10	2.44	9.72	13.75	3.93	A	3.86	A
	5.0	7.1	—	—	3.97	4.63	—	—	3.10	8.60	10.00	0.55	2.19	3.10	2.44	9.72	13.75	3.93	A	3.87	A
TRI (1x3)	2.0	2.0	2.0	—	2.30	2.30	2.30	—	3.10	6.90	9.50	0.55	1.85	3.10	2.44	8.21	13.75	3.73	A	3.80	A
	2.0	2.0	2.5	—	2.30	2.30	3.60	—	3.10	8.20	10.00	0.55	2.16	3.10	2.44	9.58	13.75	3.80	A	3.80	A
	2.0	2.0	3.5	—	2.17	2.17	4.25	—	3.10	8.60	10.00	0.55	2.26	3.10	2.44	10.03	13.75	3.81	A	3.80	A
	2.0	2.0	4.2	—	1.98	1.98	4.64	—	3.10	8.60	10.00	0.55	2.25	3.10	2.44	9.98	13.75	3.82	A	3.80	A
	2.0	2.0	5.0	—	1.87	1.87	4.87	—	3.10	8.60	10.00	0.55	2.25	3.10	2.44	9.98	13.75	3.82	A	3.80	A
	2.0	2.0	7.1	—	1.71	1.71	5.19	—	3.10	8.60	10.00	0.55	2.25	3.10	2.44	9.98	13.75	3.82	A	3.80	A
	2.0	2.5	2.5	—	2.08	3.26	3.26	—	3.10	8.60	10.00	0.55	2.25	3.10	2.44	9.98	13.75	3.82	A	3.80	A
	2.0	2.5	3.5	—	1.90	2.98	3.72	—	3.10	8.60	10.00	0.55	2.25	3.10	2.44	9.98	13.75	3.82	A	3.80	A
	2.0	2.5	4.2	—	1.75	2.74	4.11	—	3.10	8.60	10.00	0.55	2.25	3.10	2.44	9.98	13.75	3.82	A	3.80	A
	2.0	2.5	5.0	—	1.66	2.60	4.34	—	3.10	8.60	10.00	0.55	2.25	3.10	2.44	9.98	13.75	3.82	A	3.82	A
	2.0	2.5	7.1	—	1.53	2.40	4.67	—	3.10	8.60	10.00	0.55	2.25	3.10	2.44	9.98	13.75	3.82	A	3.82	A
	2.0	3.5	3.5	—	1.75	3.42	3.42	—	3.10	8.60	10.00	0.55	2.23	3.10	2.44	9.89	13.75	3.86	A	3.82	A
	2.0	3.5	4.2	—	1.62	3.17	3.81	—	3.10	8.60	10.00	0.55	2.23	3.10	2.44	9.89	13.75	3.86	A	3.82	A
	2.0	3.5	5.0	—	1.55	3.02	4.03	—	3.10	8.60	10.00	0.55	2.23	3.10	2.44	9.89	13.75	3.86	A	3.82	A
	2.0	3.5	7.1	—	1.43	2.80	4.36	—	3.10	8.60	10.00	0.55	2.23	3.10	2.44	9.89	13.75	3.86	A	3.82	A
	2.0	4.2	4.2	—	1.51	3.55	3.55	—	3.10	8.60	10.00	0.55	2.23	3.10	2.44	9.89	13.75	3.86	A	3.82	A
	2.0	4.2	5.0	—	1.44	3.39	3.77	—	3.10	8.60	10.00	0.55	2.23	3.10	2.44	9.89	13.75	3.86	A	3.82	A
	2.0	4.2	7.1	—	1.35	3.16	4.10	—	3.10	8.60	10.00	0.55	2.23	3.10	2.44	9.89	13.75	3.86	A	3.87	A
	2.5	2.5	2.5	—	2.87	2.87	2.87	—	3.10	8.60	10.00	0.55	2.23	3.10	2.44	9.89	13.75	3.86	A	3.87	A
	2.5	2.5	3.5	—	2.65	2.65	3.31	—	3.10	8.60	10.00	0.55	2.23	3.10	2.44	9.89	13.75	3.86	A	3.87	A
	2.5	2.5	4.2	—	2.46	2.46	3.69	—	3.10	8.60	10.00	0.55	2.23	3.10	2.44	9.89	13.75	3.86	A	3.87	A
	2.5	2.5	5.0	—	2.35	2.35	3.91	—	3.10	8.60	10.00	0.55	2.23	3.10	2.44	9.89	13.75	3.86	A	3.87	A
	2.5	2.5	7.1	—	2.18	2.18	4.24	—	3.10	8.60	10.00

Match Table

4U85S2SR2FA 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	SEER	ENERGY
	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	LABEL	(W/W)	LABEL
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	3.30	2.44	11.76	14.64	3.21	A	6.20	A++
	2.5	2.5	—	—	2.60	2.60	—	—	2.50	5.20	7.80	0.55	1.60	3.30	2.44	7.10	14.64	3.25	A	6.20	A++
	2.5	3.5	—	—	2.60	3.60	—	—	2.50	6.20	9.10	0.55	1.98	3.30	2.44	8.78	14.64	3.13	B	6.20	A++
	2.5	4.2	—	—	2.60	4.40	—	—	2.50	7.00	9.30	0.55	2.20	3.30	2.44	9.76	14.64	3.18	B	6.20	A++
	2.5	5.0	—	—	2.60	5.20	—	—	2.50	7.80	9.30	0.55	2.55	3.30	2.44	10.43	14.64	3.32	A	6.20	A++
	2.5	7.1	—	—	2.43	6.07	—	—	2.50	8.50	9.50	0.55	2.60	3.30	2.44	11.54	14.64	3.27	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	3.30	2.44	10.74	14.64	3.21	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++
QUADRI (1x4)	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	15.53	3.24	A	6.70	A++
	2.0	2.0	2.5	—	2.00	2.00	2.60	—	3.00	6.60	9.50	0.55	2.00	3.50	2.44	8.87	15.53	3.30	A	6.70	A++
	2.0	2.0	3.5	—	2.00	2.00	3.60	—	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	—	2.00	2.00	4.40	—	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	—	1.85	1.85	4.80	—	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	—	1.62	1.62	5.26	—	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	—	2.00	2.60	2.60	—	3.20	7.20	9.50	0.55	2.20	3.50	2.44	9.76	15.53	3.27	A	6.70	A++
	2.0	2.5	3.5	—	2.00	2.60	3.60	—	3.20	8.20	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.28	A	6.70	A++
	2.0	2.5	4.2	—	1.89	2.46	4.16	—	3.20	8.50	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.32	A	6.70	A++
	2.0	2.5	5.0	—	1.73	2.25	4.51	—	3.20	8.50	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.32	A	6.70	A++
	2.0	2.5	7.1	—	1.53	1.99	4.98	—	3.20	8.50	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.32	A	6.70	A++
	2.0	3.5	3.5	—	1.85	3.33	3.33	—	3.20	8.50	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.32	A	6.70	A++
	2.0	3.5	4.2	—	1.70	3.06	3.74	—	3.20	8.50	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.32	A	6.70	A++
	2.0	3.5	5.0	—	1.57	2.83	4.09	—	3.20	8.50	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.32	A	6.70	A++
	2.0	3.5	7.1	—	1.40	2.53	4.57	—	3.20	8.50	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.32	A	6.70	A++
	2.0	4.2	4.2	—	1.57	3.46	3.46	—	3.20	8.50	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.32	A	6.70	A++
	2.0	4.2	5.0	—	1.47	3.22	3.81	—	3.20	8.50	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.32	A	6.70	A++
	2.0	4.2	7.1	—	1.32	2.90	4.28	—	3.20	8.50	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.32	A	6.70	A++
	2.0	5.0	5.0	—	1.38	3.24	3.60	—	3.20	8.50	9.50	0.55	2.56	3.50	2.44	11.36	15.53	3.32	A	6.70	A++
	2.5	2.5	2.5	—	2.60	2.60	2.60	—	3.20	7.80	9.50	0.55	2.35	3.50	2.44	10.43	15.53	3.32	A	6.72	A++
TRI (1x3)	2.5	2.5	3.5	—	2.51	2.51	3.48	—	3.20	8.50	9.50	0.55	2.55	3.50	2.44	11.31	15.53	3.33	A	6.74	A++
	2.5	2.5	4.2	—	2.30	2.30	3.90	—	3.20	8.50	9.50	0.55	2.55	3.50	2.44	11.31	15.53	3.33	A	6.74	A++
	2.5	2.5	5.0	—	2.13	2.13	4.25	—	3.20	8.50	9.50	0.55	2.55	3.50	2.44	11.31	15.53	3.33	A	6.74	A++
	2.5	2.5	7.1	—	1.89	1.89	4.72	—	3.20	8.50	9.50	0.55	2.55	3.50	2.44	11.31	15.53	3.33	A	6.70	A++
	2.5	3.5	3.5	—	2.26	3.12	3.12	—	3.20	8.50	9.50	0.55	2.55	3.50	2.44	11.31	15.53	3.33	A	6.73	A++
	2.5	3.5	4.2	—	2.08	2.89	3.53	—	3.20	8.50	9.50	0.55	2.55	3.50	2.44	11.31	15.53	3.33	A	6.70	A++
	2.5	3.5	5.0	—	1.94	2.68	3.88	—	3.20	8.50	9.50	0.55	2.55	3.50	2.44	11.31	15.53	3.33	A	6.70	A++
	2.5	3.5	7.1	—	1.74	2.41	4.35	—	3.20	8.50	9.50	0.55	2.55	3.50	2.44	11.31	15.53	3.33	A	6.70	A++
	2.5	4.2	4.2	—	1.94	3.28	3.28	—	3.20	8.50	9.50	0.55	2.55	3.50	2.44	11.31	15.53	3.33	A	6.70	A++
	2.5	4.2	5.0	—	1.81	3.07	3.62	—	3.20	8.50	9.50	0.55	2.55	3.50	2.44	11.31	15.53	3.33	A	6.70	A++
	3.5	3.5	3.5	—	2.83	2.83	2.83	—	3.20	8.50	9.50	0.55	2.53	3.50	2.44	11.22	15.53	3.36	A	6.75	A++
	3.5	3.5	4.2	—	2.64	2.64	3.22	—	3.20	8.50	9.50	0.55	2.53	3.50	2.44	11.22	15.53	3.36	A	6.70	A++
	3.5	3.5	5.0	—	2.47	2.47	3.56	—	3.20	8.50	9.50	0.55	2.53	3.50	2.44	11.22	15.53	3.36	A	6.70	A++
	3.5	3.5	7.1	—	2.23	2.23	4.03	—	3.20	8.50	9.50	0.55	2.53	3.50	2.44	11.22	15.53	3.36	A	6.70	A++
	3.5	4.2	4.2	—	2.47	3.02	3.02	—	3.20	8.50	9.50	0.55	2.53	3.50	2.44	11.22	15.53	3.36	A	6.75	A++
	3.5	4.2	5.0	—	2.32	2.83	3.35	—	3.20	8.50	9.50	0.55	2.53	3.50	2.44	11.22	15.53	3.36	A	6.75	A++
	3.5	5.0	5.0	—	2.19	3.16	3.16	—	3.20	8.50	9.50	0.55	2.53	3.50	2.44	11.22	15.53	3.36	A	6.75	A++
	4.2	4.2	4.2	—	2.83	2.83	2.83	—	3.20	8.50	9.50	0.55	2.53	3.50	2.44	11.22	15.53	3.36	A	6.75	A++
	4.2	4.2	5.0	—	2.67	2.67	3.16	—	3.20	8.50	9.50	0.55	2.53	3.50	2.44	11.22	15.53	3.36	A	6.75	A++
	2.0	2.0	2.0	2.0	2.00	2.00	2.00	2.00	3.20	8.00	9.50	0.55	2.43	3.50	2.44	10.78	15.53	3.29	A	6.80	A++
	2.0	2.0	2.0	2.5	1.98	1.98	1.98	2.57	3.20	8.50	9.50	0.55	2.55	3.50	2.44	11.31	15.53	3.33	A	6.80	A++
	2.0	2.0	2.0	3.5	1.77	1.77	1.77	3.19	3.20	8.50	9.50	0.55	2.54	3.50	2.44	11.27	15.53	3.35	A	6.80	A++
	2.0	2.0	2.0	4.2	1.63	1.63	1.63	3.60	3.20	8.50	9.50	0.55	2.54	3.50	2.44	11.27	15.53	3.35	A	6.80	A++
	2.0	2.0	2.0	5.0	1.52	1.52	1.52	3.95	3.20	8.50	9.50	0.55	2.54	3.50	2.44	11.27	15.53	3.35	A	6.80	A++
	2.0	2.0	2.0	7.1	1.36	1.36	1.36	4.42	3.20	8.50	9.50	0.55	2.54	3.50	2.44	11.27	15.53	3.35	A	6.70	A++
	2.0	2.0	2.5	2.5	1.85	1.85	2.40	2.40	3.20	8.50	9.50	0.55	2.54	3.50	2.44	11.27	15.53	3.35	A	6.80	A++
	2.0	2.0	2.5	3.5	1.67	1.67	2.17	3.00	3.20	8.50	9.50	0.55	2.54	3.50	2.44	11.27	15.53	3.35	A	6.80	A++
	2.0	2.0	2.5	4.2	1.55	1.55	2.01	3.40	3.20	8.50	9.50	0.55	2.54	3.50	2.44	11.27	15.53	3.35	A	6.80	A++
	2.0	2.0	2.5	5.0	1.44	1.44	1.87	3.75	3.20	8.50	9.50	0.55	2.54	3.50	2.44	11.27	15.53	3.35	A	6.80	A++
	2.0	2.0	2.5	7.1	1.30	1.30	1.69	4.22	3.20	8.50	9.50	0.55	2.54	3.50	2.44	11.27	15.53	3.35	A	6.70	A++
	2.0	2.0	3.5	3.5	1.52	1.52	1.52	2.73	3.20	8.50	9.50	0.55	2.54	3.50	2.44	11.27	15.53	3.35	A	6.80	A++
	2.0	2.0	3.5	4.2	1.42	1.42	1.82	2.55	3.20	8.50	9.50	0.55	2.54	3.50	2.44	11.27	15.53	3.35	A	6.70	A++
	2.0	2.0	3.5	5.0	1.33	1.33	1.71	2.39	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	6.70	A++
	2.0	2.0	4.2	4.2	1.33	1.33	1.71	2.92	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	7.00	A++
	2.0	2.0	4.2	5.0	1.25	1.25	1.60	2.75	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	7.00	A++
	2.0	2.5	2.5	2.5	1.73	2.26	2.26	2.26	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	7.00	A++
	2.0	2.5	2.5	3.5	1.57	2.05	2.05	2.83	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	7.00	A++
	2.0	2.5	2.5	4.2	1.47	1.91	1.91	3.22	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	7.00	A++
	2.0	2.5	2.5	5.0	1.37	1.78	1.78	3.56	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	7.00	A++
	2.0	2.5	3.5	3.5	1.44	1.87	2.59	2.59	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	7.00	A++
	2.0	2.5	3.5	4.2	1.35	1.75	2.43	2.97	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	7.00	A++
	2.0	2.5	3.5	5.0	1.27	1.65	2.28	3.30	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	7.00	A++
	2.0	2.5	4.2	4.2	1.27	1.65	2.79	2.79	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	7.00	A++
	2.0	2.5	4.2	5.0	1.20	1.56	2.63	3.11	3.20	8.50	9.50	0.55	2.52	3.50	2.44	11.18	15.53	3.37	A	7.00	A++
	2.0	3.5	3.5	3.5	1.33	2.39	2.39	2.39	3.20	8.50	9.50	0.55	2.51	3.50	2.44	11.14	15.53	3.39	A	7.00	A++
	2.0	3.5	3.5	4.2	1.25	2.25	2.25	2.75	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++
	2.5	2.5	2.5	2.5	2.13	2.13	2.13	2.13	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++
	2.5	2.5	2.5	3.5	1.94	1.94	1.94	2.68	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++
	2.5	2.5	2.5	4.2	1.81	1.81	1.81	3.07	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++
	2.5	2.5	2.5	5.0	1.70	1.70	1.70	3.40	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++
	2.5	2.5	3.5	3.5	1.78	1.78	2.47	2.47	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++
	2.5	2.5	3.5	4.2	1.67	1.67	2.32	2.93	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++
	2.5	2.5	3.5	5.0	1.58	1.58	2.19	3.16	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++
	2.5	2.5	4.2	4.2	1.58	1.58	2.67	2.67	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++
	2.5	3.5	3.5	3.5	1.65	2.28	2.28	2.28	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++
	2.5	3.5	3.5	4.2	1.56	2.15	2.15	2.63	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++
	3.5	3.5	3.5	3.5	2.13	2.13	2.13	2.13	3.20	8.50	9.50	0.55	2.50	3.50	2.44	11.09	15.53	3.40	A	7.00	A++

4U85S2SR2FA 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	SCOP	ENERGY
	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	LABEL	(W/W)	LABEL
1x1	2.0	—	—	—	2.30	—	—	—	0.80	2.30	4.00	0.55	0.63	1.50	2.44	2.80	6.65	—	—	—	—
	2.5	—	—	—	3.60	—	—	—	0.80	3.60	6.00	0.55	0.98	1.40	2.44	4.35	6.21	—	—	—	—
	3.5	—	—	—	4.50	—	—	—	1.00	4.50	6.00	0.55	1.21	1.50	2.44	5.37	6.65	—	—	—	—
	4.2	—	—	—	5.40	—	—	—	1.50	5.40	6.00	0.55	1.44	1.90	2.44	6.39	8.43	—	—	—	—
	5.0	—	—	—	6.00	—	—	—	1.50	6.00	8.00	0.55	1.59	2.60	2.44	7.05	11.54	—	—	—	—
	7.1	—	—	—	7.00	—	—	—	1.50	7.00	8.60	0.55	1.63	2.60	2.44	8.12	11.54	—	—	—	—
BI(1x2)	2.0	2.0	—	—	2.30	2.30	—	—	2.80	4.60	8.00	0.55	1.25	3.30	2.44	5.55	14.64	3.68	A	3.75	A
	2.0	2.5	—	—	2.30	3.60	—	—	3.00	5.90	10.00	0.55	1.59	3.30	2.44	7.05	14.64	3.71	A	3.75	A
	2.0	3.5	—	—	2.30	4.50	—	—	3.20	6.80	10.00	0.55	1.83	3.30	2.44	8.12	14.64	3.72	A	3.75	A
	2.0	4.2	—	—	2.30	5.40	—	—	3.40	7.70	10.00	0.55	2.05	3.30	2.44	9.09	14.64	3.76	A	3.80	A
	2.0	5.0	—	—	2.30	6.00	—	—	3.80	8.40	10.50	0.55	2.22	3.30	2.44	9.85	14.64	3.74	A	3.80	A
	2.0	7.1	—	—	2.30	7.00	—	—	4.00	9.30	10.50	0.55	2.50	3.30	2.44	11.09	14.64	3.72	A	3.85	A
	2.5	2.5	—	—	3.60	3.60	—	—	3.40	7.20	10.50	0.55	1.94	3.30	2.44	8.61	14.64	3.71	A	3.85	A
	2.5	3.5	—	—	3.60	4.50	—	—	3.80	8.10	10.50	0.55	2.10	3.30	2.44	9.32	14.64	3.85	A	3.82	A
	2.5	4.2	—	—	3.60	5.40	—	—	4.00	9.00	10.50	0.55	2.30	3.30	2.44	10.20	14.64	3.91	A	3.87	A
	2.5	5.0	—	—	3.60	6.00	—	—	4.40	9.60	10.50	0.55	2.50	3.30	2.44	11.09	14.64	3.84	A	3.85	A
	2.5	7.1	—	—	3.26	6.34	—	—	4.40	9.60	10.50	0.55	2.55	3.30	2.44	11.31	14.64	3.76	A	3.84	A
	3.5	3.5	—	—	4.50	4.50	—	—	4.00	9.00	10.50	0.55	2.35	3.30	2.44	10.43	14.64	3.83	A	3.86	A
	3.5	4.2	—	—	4.36	5.24	—	—	4.40	9.60	10.50	0.55	2.50	3.30	2.44	11.09	14.64	3.84	A	3.82	A
	3.5	5.0	—	—	3.86	5.14	—	—	4.40	9.00	10.50	0.55	2.37	3.30	2.44	10.51	14.64	3.80	A	3.80	A
	3.5	7.1	—	—	3.76	5.84	—	—	4.40	9.60	10.50	0.55	2.50	3.30	2.44	11.09	14.64	3.84	A	3.84	A
	4.2	4.2	—	—	4.80	4.80	—	—	4.40	9.60	10.50	0.55	2.49	3.30	2.44	11.05	14.64	3.86	A	3.86	A
	4.2	5.0	—	—	4.55	5.05	—	—	4.40	9.60	10.50	0.55	2.49	3.30	2.44	11.05	14.64	3.86	A	3.83	A
	4.2	7.1	—	—	4.18	5.42	—	—	4.40	9.60	10.50	0.55	2.48	3.30	2.44	11.00	14.64	3.87	A	3.86	A
	5.0	5.0	—	—	4.80	4.80	—	—	4.40	9.60	10.50	0.55	2.46	3.30	2.44	10.91	14.64	3.90	A	3.86	A
	5.0	7.1	—	—	4.43	5.17	—	—	4.40	9.60	10.50	0.55	2.48	3.30	2.44	11.00	14.64	3.87	A	3.87	A
	7.1	7.1	—	—	4.80	4.80	—	—	4.40	9.60	10.50	0.55	2.50	3.30	2.44	11.09	14.64	3.84	A	3.85	A
QUADRI (1x4)	2.0	2.0	2.0	—	2.30	2.30	2.30	—	3.80	6.90	10.50	0.55	1.85	3.40	2.44	8.21	15.08	3.73	A	3.80	A
	2.0	2.0	2.5	—	2.30	2.30	3.60	—	4.00	8.20	10.50	0.55	2.16	3.40	2.44	9.58	15.08	3.80	A	3.80	A
	2.0	2.0	3.5	—	2.30	2.30	4.50	—	4.20	9.10	10.50	0.55	2.39	3.40	2.44	10.60	15.08	3.81	A	3.80	A
	2.0	2.0	4.2	—	2.21	2.21	5.18	—	4.40	9.60	10.50	0.55	2.48	3.40	2.44	11.00	15.08	3.87	A	3.80	A
	2.0	2.0	5.0	—	2.08	2.08	5.43	—	4.40	9.60	10.50	0.55	2.48	3.40	2.44	11.00	15.08	3.87	A	3.80	A
	2.0	2.0	7.1	—	1.90	1.90	5.79	—	4.40	9.60	10.50	0.55	2.50	3.40	2.44	11.09	15.08	3.84

Match Table

5U105S2SS2FA 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	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	Rated capacity	LABEL	(W/W)	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	—	—	—	—
BI(1x2)	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++
	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++
	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	10.00	11.00	0.55	3.50	3.60	2.44	15.53	15.97	2.86	C	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++
TRI (1x3)	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	2.0	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++
	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	18.19	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	8.20	9.50	0.55	2.93	3.80	2.44	13.00	16.86	2.80	D	6.70	A++
	2.0	2.5	4.2	—	—	2.00	2.60	4.40	—	—	3.20	9.00	10.00	0.55	3.20	3.80	2.44	14.20	16.86	2.81	C	6.70	A++
	2.0	2.5	5.0	—	—	2.00	2.60	5.20	—	—	3.20	9.80	11.00	0.55	3.44	3.80	2.44	15.26	16.86	2.85	C	6.70	A++
	2.0	2.5	7.1	—	—	1.80	2.34	5.86	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.0	3.5	3.5	—	—	2.00	3.60	3.60	—	—	3.20	9.20	11.00	0.55	3.38	3.80	2.44	15.00	16.86	2.72	D	6.70	A++
	2.0	3.5	4.2	—	—	2.00	3.60	4.40	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.0	3.5	5.0	—	—	1.85	3.33	4.81	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.0	3.5	7.1	—	—	1.65	2.98	5.37	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.0	4.2	4.2	—	—	1.85	4.07	4.07	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.0	4.2	5.0	—	—	1.72	3.79	4.48	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.0	4.2	7.1	—	—	1.55	3.41	5.04	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.0	5.0	5.0	—	—	1.61	4.19	4.19	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.0	5.0	7.1	—	—	1.46	3.80	4.74	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.5	2.5	2.5	—	—	2.60	2.60	2.60	—	—	3.20	7.80	9.50	0.55	2.78	3.80	2.44	12.33	16.86	2.81	C	6.72	A++
	2.5	2.5	3.5	—	—	2.60	2.60	3.60	—	—	3.20	8.80	10.00	0.55	3.14	3.80	2.44	13.93	16.86	2.80	C	6.72	A++
	2.5	2.5	4.2	—	—	2.60	2.60	4.40	—	—	3.20	9.60	11.00	0.55	3.40	3.80	2.44	15.08	16.86	2.82	C	6.74	A++
	2.5	2.5	5.0	—	—	2.50	2.50	5.00	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.74	A++
	2.5	2.5	7.1	—	—	2.22	2.22	5.56	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.5	3.5	3.5	—	—	2.60	3.60	3.60	—	—	3.20	9.80	11.00	0.55	3.45	3.80	2.44	15.31	16.86	2.84	C	6.73	A++
	2.5	3.5	4.2	—	—	2.45	3.40	4.15	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.5	3.5	5.0	—	—	2.28	3.16	4.56	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.5	3.5	7.1	—	—	2.05	2.83	5.12	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.5	4.2	4.2	—	—	2.28	3.86	3.86	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.5	4.2	5.0	—	—	2.13	3.61	4.26	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.5	4.2	7.1	—	—	1.93	3.26	4.81	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.5	5.0	5.0	—	—	2.00	4.00	4.00	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	2.5	5.0	7.1	—	—	1.82	3.64	4.55	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	3.5	3.5	3.5	—	—	3.33	3.33	3.33	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.75	A++
	3.5	3.5	4.2	—	—	3.10	3.10	3.79	—	—	3.20	10.00	11.00	0.55	3.50	4.10	2.44	15.53	18.19	2.86	C	6.70	A++
	3.5	3.5	5.0	—	—	2.90	2.90	4.19	—	—	3.20	10.00	11.00	0.55	3.45	4.10	2.44	15.31	18.19	2.90	C	6.70	A++
	3.5	3.5	7.1	—	—	2.63	2.63	4.74	—	—	3.20	10.00	11.00	0.55	3.45	4.10	2.44	15.31	18.19	2.90	C	6.70	A++
	3.5	4.2	4.2	—	—	2.90	3.55	3.55	—	—	3.20	10.00	11.00	0.55	3.45	4.10	2.44	15.31	18.19	2.90	C	6.75	A++
	3.5	4.2	5.0	—	—	2.73	3.33	3.94	—	—	3.20	10.00	11.00	0.55	3.45	4.10	2.44	15.31	18.19	2.90	C	6.75	A++
	3.5	5.0	5.0	—	—	2.57	3.71	3.71	—	—	3.20	10.00	11.00	0.55	3.45	4.10	2.44	15.31	18.19	2.90	C	6.75	A++
	4.2	4.2	4.2	—	—	3.33	3.33	3.33	—	—	3.20	10.00	11.00	0.55	3.45	4.10	2.44	15.31	18.19	2.90	C	6.75	A++
	4.2	4.2	5.0	—	—	3.14	3.14	3.71	—	—	3.20	10.00	11.00	0.55	3.45	4.10	2.44	15.31	18.19	2.90	C	6.75	A++
	4.2	5.0	5.0	—	—	2.97	3.51	3.51	—	—	3.20	10.00	11.00	0.55	3.45	4.10	2.44	15.31	18.19	2.90	C	6.75	A++
	5.0	5.0	5.0	—	—	3.33	3.33	3.33	—	—	3.20	10.00	11.00	0.55	3.45	4.10	2.44	15.31	18.19	2.90	C	6.75	A++

5U105S2SS2FA 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	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	Rated capacity	LABEL	(W/W)	LABEL
QUADRI (1x4)	2.0	2.0	2.0	2.0	—	2.00	2.00	2.00	2.00	—	3.20	8.00	11.00	0.55	2.80	4.00	2.44	12.42	17.75	2.86	C	6.80	A++
	2.0	2.0	2.0	2.5	—	2.00	2.00	2.00	2.60	—	3.20	8.60	11.00	0.55	3.00	4.00	2.44	13.31	17.75	2.87	C	6.80	A++
	2.0	2.0	2.0	3.5	—	2.00	2.00	2.00	3.60	—	3.20	9.60	11.00	0.55	3.30	4.00	2.44	14.64	17.75	2.91	C	6.80	A++
	2.0	2.0	2.0	4.2	—	1.92	1.92	1.92	4.23	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.80	A++
	2.0	2.0	2.0	5.0	—	1.79	1.79	1.79	4.64	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.80	A++
	2.0	2.0	2.0	7.1	—	1.60	1.60	1.60	5.20	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.70	A++
	2.0	2.0	2.5	2.5	—	2.00	2.00	2.60	2.60	—	3.20	9.20	11.00	0.55	3.20	4.00	2.44	14.20	17.75	2.88	C	6.80	A++
	2.0	2.0	2.5	3.5	—	1.96	1.96	2.55	3.53	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.80	A++
	2.0	2.0	2.5	4.2	—	1.82	1.82	2.36	4.00	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.80	A++
	2.0	2.0	2.5	5.0	—	1.69	1.69	2.20	4.41	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.80	A++
	2.0	2.0	2.5	7.1	—	1.53	1.53	1.98	4.96	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.70	A++
	2.0	2.0	3.5	3.5	—	1.79	1.79	3.21	3.21	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.80	A++
	2.0	2.0	3.5	4.2	—	1.67	1.67	3.00	3.67	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.70	A++
	2.0	2.0	3.5	5.0	—	1.56	1.56	2.81	4.06	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.70	A++
	2.0	2.0	3.5	7.1	—	1.42	1.42	2.55	4.61	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.70	A++
	2.0	2.0	4.2	4.2	—	1.56	1.56	3.44	3.44	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.90	A++
	2.0	2.0	4.2	5.0	—	1.47	1.47	3.24	3.82	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.90	A++
	2.0	2.0	5.0	5.0	—	1.39	1.39	3.61	3.61	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.90	A++
	2.0	2.5	2.5	2.5	—	2.00	2.60	2.60	2.60	—	3.20	9.80	11.00	0.55	3.37	4.00	2.44	14.95	17.75	2.91	C	6.90	A++
	2.0	2.5	2.5	3.5	—	1.85	2.41	2.41	3.33	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.90	A++
	2.0	2.5	2.5	4.2	—	1.72	2.24	2.24	3.79	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.90	A++
	2.0	2.5	2.5	5.0	—	1.61	2.10	2.10	4.19	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.90	A++
	2.0	2.5	2.5	7.1	—	1.46	1.90	1.90	4.74	—	3.20	10.00	11.00	0.55	3.40	4.10	2.44	15.08	18.19	2.94	C	6.90	A++
	2.0	2.5	3.5	3.5	—	1.69	2.20	3.05	3.05	—	3.20	10.00	11.00	0.55	3.38	4.10	2.44	15.00	18.19	2.96	C	6.90	A++
	2.0	2.5	3.5	4.2	—	1.59	2.06	2.86	3.49	—	3.20	10.00	11.00	0.55	3.38	4.10	2.44	15.00	18.19	2.96	C	6.90	A++
	2.0	2.5	3.5	5.0	—	1.49	1.94	2.69	3.88	—	3.20	10.00	11.00	0.55	3.38	4.10	2.44	15.00	18.19	2.96	C	6.90	A++
	2.0	2.5	4.2	4.2	—	1.49	1.94	3.28	3.28	—	3.20	10.00	11.00	0.55	3.38	4.10	2.44	15.00	18.19	2.96	C	6.90	A++
	2.0	2.5	4.2	5.0	—	1.41	1.83	3.10	3.66	—	3.20	10.00	11.00	0.55	3.38	4.10	2.44	15.00	18.19	2.96	C	6.90	A++
	2.0	2.5	5.0	5.0	—	1.33	1.73	3.47	3.47	—	3.20	10.00	11.00	0.55	3.38	4.10	2.44	15.00	18.19	2.96	C	6.90	A++
	2.0	3.5	3.5	3.5	—	1.56	2.81	2.81	2.81	—	3.20	10.00	11.00	0.55	3.38	4.10	2.44	15.00	18.19	2.96	C	6.90	A++
	2.0	3.5	3.5	4.2	—	1.47	2.65	2.65	3.24	—	3.20	10.00	11.00	0.55	3.38	4.10	2.44	15.00	18.19	2.96	C	6.90	A++
	2.0	3.5	3.5	5.0	—	1.39	2.50	2.50	3.61	—	3.20	10.00	11.00	0.55	3.36	4.10	2.44	14.91	18.19	2.98	C	6.90	A++
	2.0	3.5	4.2	4.2	—	1.39	2.50	3.06	3.06	—	3.20	10.00	11.00	0.55	3.36	4.10	2.44	14.91	18.19	2.98	C	6.90	A++
	2.0	3.5	4.2	5.0	—	1.32	2.37	2.89	3.42	—	3.20	10.00	11.00	0.55	3.36	4.10	2.44	14.91	18.19	2.98	C	6.90	A++
	2.0	4.2	4.2	4.2	—	1.32	2.89	2.89	2.89	—	3.20	10.00	11.00	0.55	3.36	4.10	2.44	14.91	18.19	2.98	C	6.90	A++
	2.5	2.5	2.5	2.5	—	2.50	2.50	2.50	2.50	—	3.20	10.00	11.00	0.55	3.36	4.10	2.44	14.91	18.19	2.98	C	6.90	A++
	2.5	2.5	2.5	3.5	—	2.28	2.28	2.28	3.16	—	3.20	10.00	11.00	0.55	3.36	4.10	2.44	14.91	18.19	2.98	C	6.90	A++
	2.5	2.5	2.5	4.2	—	2.13	2.13	2.13	3.61	—	3.20	10.00	11.00	0.55	3.36	4.10	2.44	14.91	18.19	2.98	C	6.90	A++
	2.5	2.5	2.5	5.0	—	2.00	2.00	2.00	4.00	—	3.20	10.00	11.00	0.55	3.36	4.10	2.44	14.91	18.19	2.98	C	6.90	A++
	2.5	2.5	2.5	7.1	—	1.82	1.82	1.82	4.55	—	3.20	10.00	11.00	0.55	3.36	4.10	2.44	14.91	18.19	2.98	C	6.90	A++
	2.5	2.5	3.5	3.5	—	2.10	2.10	2.90	2.90	—	3.20	10.00	11.00	0.55	3.36	4.10	2.44	14.91	18.19	2.98	C	6.90	A++
	2.5	2.5	3.5	4.2	—	1.97	1.97	2.73	3.33	—	3.20	10.00	11.00	0.55	3.36	4.10	2.44	14.91	18.19	2.98	C	7.00	A++
	2.5	2.5	3.5	5.0	—	1.86	1.86	2.57	3.71	—	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	2.5	2.5	4.2	4.2	—	1.86	1.86	3.14	3.14	—	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	2.5	2.5	4.2	5.0	—	1.76	1.76	2.97	3.51	—	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	2.5	2.5	5.0	5.0	—	1.67	1.67	3.33	3.33	—	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	2.5	3.5	3.5	3.5	—	1.94	2.69	2.69	2.69	—	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	2.5	3.5	3.5	4.2	—	1.83	2.54	2.54	3.10	—	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	2.5	3.5	3.5	5.0	—	1.73	2.40	2.40	3.47	—	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	2.5	3.5	4.2	4.2	—	1.73	2.40	2.93	2.93	—	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	3.5	3.5	3.5	3.5	—	2.50	2.50	2.50	2.50	—	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	3.5	3.5	3.5	4.2	—	2.37	2.37	2.37	2.89	—	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
PENTA (1x5)	2.0	2.0	2.0	2.0	2.0	2.00	2.00	2.00	2.00	2.00	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	2.0	2.0	2.0	2.0	2.5	1.89	1.89	1.89	1.89	2.45	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	2.0	2.0	2.0	2.0	3.5	1.72	1.72	1.72	1.72	3.10	3.20	10.00	11.00	0.55	3.33	4.10	2.44	14.77	18.19	3.00	B	7.00	A++
	2.0	2.0	2.0	2.0	4.2	1.61	1.61	1.61	1.61	3.55	3.20	10.00	11.00	0.55

Match Table

5U105S2SS2FA 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	SCOP	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	Rated capacity	LABEL	(W/W)	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	—	—	—	—
BI(1x2)	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
	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
	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	10.50	11.50	0.55	2.88	3.30	2.44	12.78	14.64	3.65	A	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
TRI (1x3)	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
	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	2.44	12.78	15.08	3.61	A	3.80	A
	2.0	2.5	4.2	—	—	2.14	3.35	5.02	—	—	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	5.0	—	—	2.03	3.18	5.29	—	—	4.40	10.50	11.50	0.55	2.88	3.40	2.44	12.78	15.08	3.65	A	3.82	A
	2.0	2.5	7.1	—	—	1.87	2.93	5.70	—	—	4.40	10.50	11.50	0.55	2.88	3.40	2.44	12.78	15.08	3.65	A	3.82	A
	2.0	3.5	3.5	—	—	2.14	4.18	4.18	—	—	4.40	10.50	11.50	0.55	2.88	3.40	2.44	12.78	15.08	3.65	A	3.82	A
	2.0	3.5	4.2	—	—	1.98	3.87	4.65	—	—	4.40	10.50	11.50	0.55	2.88	3.40	2.44	12.78	15.08	3.65	A	3.82	A
	2.0	3.5	5.0	—	—	1.89	3.69	4.92	—	—	4.40	10.50	11.50	0.55	2.88	3.40	2.44	12.78	15.08	3.65	A	3.82	A
	2.0	3.5	7.1	—	—	1.75	3.42	5.33	—	—	4.40	10.50	11.50	0.55	2.86	3.40	2.44	12.69	15.08	3.67	A	3.82	A
	2.0	4.2	4.2	—	—	1.84	4.33	4.33	—	—	4.40	10.50	11.50	0.55	2.86	3.40	2.44	12.69	15.08	3.67	A	3.82	A
	2.0	4.2	5.0	—	—	1.76	4.14	4.60	—	—	4.40	10.50	11.50	0.55	2.86	3.40	2.44	12.69	15.08	3.67	A	3.82	A
	2.0	4.2	7.1	—	—	1.64	3.86	5.00	—	—	4.40	10.50	11.50	0.55	2.86	3.40	2.44	12.69	15.08	3.67	A	3.87	A
	2.0	5.0	5.0	—	—	1.69	4.41	4.41	—	—	4.40	10.50	11.50	0.55	2.86	3.40	2.44	12.69	15.08	3.67	A	3.87	A
	2.0	5.0	7.1	—	—	1.58	4.12	4.80	—	—	4.40	10.50	11.50	0.55	2.86	3.40	2.44	12.69	15.08	3.67	A	3.87	A
	2.5	2.5	2.5	—	—	3.50	3.50	3.50	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.87	A
	2.5	2.5	3.5	—	—	3.23	3.23	4.04	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.87	A
	2.5	2.5	4.2	—	—	3.00	3.00	4.50	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.87	A
	2.5	2.5	5.0	—	—	2.86	2.86	4.77	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.87	A
	2.5	2.5	7.1	—	—	2.66	2.66	5.18	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.90	A
	2.5	3.5	3.5	—	—	3.00	3.75	3.75	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.85	A
	2.5	3.5	4.2	—	—	2.80	3.50	4.20	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.85	A
	2.5	3.5	5.0	—	—	2.68	3.35	4.47	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.85	A
	2.5	3.5	7.1	—	—	2.50	3.13	4.87	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.85	A
	2.5	4.2	4.2	—	—	2.63	3.94	3.94	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.85	A
	2.5	4.2	5.0	—	—	2.52	3.78	4.20	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.85	A
	2.5	4.2	7.1	—	—	2.36	3.54	4.59	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.85	A
	2.5	5.0	5.0	—	—	2.42	4.04	4.04	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.85	A
	2.5	5.0	7.1	—	—	2.28	3.80	4.43	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.85	A
	3.5	3.5	3.5	—	—	3.50	3.50	3.50	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.90	A
	3.5	3.5	4.2	—	—	3.28	3.28	3.94	—	—	4.40	10.50	11.50	0.55	2.85	3.40	2.44	12.64	15.08	3.68	A	3.90	A
	3.5	3.5	5.0	—	—	3.15	3.15	4.20	—	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	3.5	3.5	7.1	—	—	2.95	2.95	4.59	—	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.85	A
	3.5	4.2	4.2	—	—	3.09	3.71	3.71	—	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	3.5	4.2	5.0	—	—	2.97	3.57	3.96	—	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	3.5	5.0	5.0	—	—	2.86	3.82	3.82	—	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	4.2	4.2	4.2	—	—	3.50	3.50	3.50	—	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	4.2	4.2	5.0	—	—	3.38	3.38	3.75	—	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	4.2	5.0	5.0	—	—	3.26	3.62	3.62	—	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	5.0	5.0	5.0	—	—	3.50	3.50	3.50	—	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A

5U105S2SS2FA 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	SCOP	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	Rated capacity	LABEL	(W/W)	LABEL
QUADRI (1x4)	2.0	2.0	2.0	2.0	—	2.30	2.30	2.30	2.30	—	4.20	9.20	11.50	0.55	2.55	3.40	2.44	11.31	15.08	3.61	A	3.85	A
	2.0	2.0	2.0	2.5	—	2.30	2.30	2.30	3.60	—	4.20	10.50	11.50	0.55	2.84	3.40	2.44	12.60	15.08	3.70	A	3.85	A
	2.0	2.0	2.0	3.5	—	2.12	2.12	2.12	4.14	—	4.40	10.50	11.50	0.55	2.84	3.40	2.44	12.60	15.08	3.70	A	3.85	A
	2.0	2.0	2.0	4.2	—	1.96	1.96	1.96	4.61	—	4.40	10.50	11.50	0.55	2.84	3.40	2.44	12.60	15.08	3.70	A	3.85	A
	2.0	2.0	2.0	5.0	—	1.87	1.87	1.87	4.88	—	4.40	10.50	11.50	0.55	2.84	3.40	2.44	12.60	15.08	3.70	A	3.85	A
	2.0	2.0	2.0	7.1	—	1.74	1.74	1.74	5.29	—	4.40	10.50	11.50	0.55	2.84	3.40	2.44	12.60	15.08	3.70	A	3.85	A
	2.0	2.0	2.5	2.5	—	2.05	2.05	3.20	3.20	—	4.40	10.50	11.50	0.55	2.84	3.40	2.44	12.60	15.08	3.70	A	3.85	A
	2.0	2.0	2.5	3.5	—	1.90	1.90	2.98	3.72	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.85	A
	2.0	2.0	2.5	4.2	—	1.78	1.78	2.78	4.17	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	2.0	2.0	2.5	5.0	—	1.70	1.70	2.66	4.44	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	2.0	2.0	2.5	7.1	—	1.59	1.59	2.49	4.84	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	2.0	2.0	3.5	3.5	—	1.78	1.78	3.47	3.47	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	2.0	2.0	3.5	4.2	—	1.67	1.67	3.26	3.91	—	4.40	10.50	11.50	0.55	2.83	3.40	2.44	12.56	15.08	3.71	A	3.90	A
	2.0	2.0	3.5	5.0	—	1.60	1.60	3.13	4.17	—	4.40	10.50	11.50	0.55	2.81	3.40	2.44	12.47	15.08	3.74	A	3.90	A
	2.0	2.0	3.5	7.1	—	1.50	1.50	2.93	4.57	—	4.40	10.50	11.50	0.55	2.81	3.40	2.44	12.47	15.08	3.74	A	3.90	A
	2.0	2.0	4.2	4.2	—	1.57	1.57	3.68	3.68	—	4.40	10.50	11.50	0.55	2.81	3.40	2.44	12.47	15.08	3.74	A	3.90	A
	2.0	2.0	4.2	5.0	—	1.51	1.51	3.54	3.94	—	4.40	10.50	11.50	0.55	2.81	3.40	2.44	12.47	15.08	3.74	A	3.90	A
	2.0	2.0	5.0	5.0	—	1.45	1.45	3.80	3.80	—	4.40	10.50	11.50	0.55	2.81	3.40	2.44	12.47	15.08	3.74	A	3.90	A
	2.0	2.5	2.5	2.5	—	1.84	2.89	2.89	2.89	—	4.40	10.50	11.50	0.55	2.81	3.40	2.44	12.47	15.08	3.74	A	3.90	A
	2.0	2.5	2.5	3.5	—	1.73	2.70	2.70	3.38	—	4.40	10.50	11.50	0.55	2.80	3.40	2.44	12.42	15.08	3.75	A	3.90	A
	2.0	2.5	2.5	4.2	—	1.62	2.54	2.54	3.81	—	4.40	10.50	11.50	0.55	2.80	3.40	2.44	12.42	15.08	3.75	A	3.95	A
	2.0	2.5	2.5	5.0	—	1.56	2.44	2.44	4.06	—	4.40	10.50	11.50	0.55	2.80	3.40	2.44	12.42	15.08	3.75	A	3.95	A
	2.0	2.5	2.5	7.1	—	1.46	2.29	2.29	4.45	—	4.40	10.50	11.50	0.55	2.80	3.40	2.44	12.42	15.08	3.75	A	3.95	A
	2.0	2.5	3.5	3.5	—	1.62	2.54	3.17	3.17	—	4.40	10.50	11.50	0.55	2.80	3.40	2.44	12.42	15.08	3.75	A	3.95	A
	2.0	2.5	3.5	4.2	—	1.53	2.39	2.99	3.59	—	4.40	10.50	11.50	0.55	2.80	3.40	2.44	12.42	15.08	3.75	A	3.95	A
	2.0	2.5	3.5	5.0	—	1.47	2.30	2.88	3.84	—	4.40	10.50	11.50	0.55	2.80	3.40	2.44	12.42	15.08	3.75	A	3.95	A
	2.0	2.5	4.2	4.2	—	1.45	2.26	3.40	3.40	—	4.40	10.50	11.50	0.55	2.80	3.40	2.44	12.42	15.08	3.75	A	3.95	A
	2.0	2.5	4.2	5.0	—	1.40	2.18	3.28	3.64	—	4.40	10.50	11.50	0.55	2.80	3.40	2.44	12.42	15.08	3.75	A	3.95	A
	2.0	2.5	5.0	5.0	—	1.35	2.11	3.52	3.52	—	4.40	10.50	11.50	0.55	2.78	3.40	2.44	12.33	15.08	3.78	A	3.95	A
	2.0	3.5	3.5	3.5	—	1.53	2.99	2.99	2.99	—	4.40	10.50	11.50	0.55	2.78	3.40	2.44	12.33	15.08	3.78	A	3.95	A
	2.0	3.5	3.5	4.2	—	1.45	2.83	2.83	3.40	—	4.40	10.50	11.50	0.55	2.78	3.40	2.44	12.33	15.08	3.78	A	4.00	A+
	2.0	3.5	3.5	5.0	—	1.40	2.73	2.73	3.64	—	4.40	10.50	11.50	0.55	2.78	3.40	2.44	12.33	15.08	3.78	A	4.00	A+
	2.0	3.5	4.2	4.2	—	1.37	2.68	3.22	3.22	—	4.40	10.50	11.50	0.55	2.78	3.40	2.44	12.33	15.08	3.78	A	4.00	A+
	2.0	3.5	4.2	5.0	—	1.33	2.60	3.12	3.46	—	4.40	10.50	11.50	0.55	2.78	3.40	2.44	12.33	15.08	3.78	A	4.00	A+
	2.0	4.2	4.2	4.2	—	1.31	3.06	3.06	3.06	—	4.40	10.50	11.50	0.55	2.78	3.40	2.44	12.33	15.08	3.78	A	4.00	A+
	2.5	2.5	2.5	2.5	—	2.63	2.63	2.63	2.63	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	2.5	2.5	3.5	—	2.47	2.47	2.47	3.09	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	2.5	2.5	4.2	—	2.33	2.33	2.33	3.50	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	2.5	2.5	5.0	—	2.25	2.25	2.25	3.75	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	2.5	2.5	7.1	—	2.12	2.12	2.12	4.13	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	2.5	3.5	3.5	—	2.33	2.33	2.92	2.92	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	2.5	3.5	4.2	—	2.21	2.21	2.76	3.32	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	2.5	3.5	5.0	—	2.14	2.14	2.67	3.56	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	2.5	4.2	4.2	—	2.10	2.10	3.15	3.15	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	2.5	4.2	5.0	—	2.03	2.03	3.05	3.39	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	2.5	5.0	5.0	—	1.97	1.97	3.28	3.28	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	3.5	3.5	3.5	—	2.21	2.76	2.76	2.76	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	3.5	3.5	4.2	—	2.10	2.63	2.63	3.15	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	3.5	3.5	5.0	—	2.03	2.54	2.54	3.39	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.5	3.5	4.2	4.2	—	2.00	2.50	3.00	3.00	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	3.5	3.5	3.5	3.5	—	2.63	2.63	2.63	2.63	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	3.5	3.5	3.5	4.2	—	2.50	2.50	2.50	3.00	—	4.40	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
PENTA (1x5)	2.0	2.0	2.0	2.0	2.0	2.10	2.10	2.10	2.10	2.10	4.20	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.0	2.0	2.0	2.0	2.5	1.89	1.89	1.89	1.89	2.95	4.20	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.0	2.0	2.0	2.0	3.5	1.76	1.76	1.76	1.76	3.45	4.20	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.0	2.0	2.0	2.0	4.2	1.65	1.65	1.65	1.65	3.88	4.20	10.50	11.50	0.55	2.76	3.40	2.44	12.24	15.08	3.80	A	4.00	A+
	2.0	2.0	2.0	2.0	5.0	1.59	1.59	1.59	1.59	4.14	4.20	10.50	11.50	0.55	2.76	3.40	2.44	12.



R410a

SMART POWER

093 Models Line-up

095 Outdoor Unit

097 Round Way Cassette

103 Medium Pressure Duct

107 High Pressure Duct

111 Convertible Type

Models Line-up

NEW Smart Power

HEAT PUMP

Type \ 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		 1UH071N1ERG	 1UH090N1ERG	 1UH105N1ERG		 1UH125P1ERG 1UH125P1ERK	 1UH140P1ERG 1UH140P1ERK	 1UH160P1ERG	 1UH200W1ERK	 1UH250W1ERK
Round Way Cassette 1/220/50/60	 YR-HBS01	 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-E17	 AD71S2SM3FA	 AD90S2SM3FA	 AD105S2SM3FA		 AD125S2SM3FA	 AD140S2SM3FA			
High ESP Duct(210/300Pa) 1/220/50/60	 YR-E17			 ADH105H1ERG		 ADH125H1ERG	 ADH140H1ERG	 ADH160H1ERG	 ADH200H1ERG	 ADH250H1ERG
Convertible 1/220/50/60	 YR-HBS01	NEW  AC71S2SG1FA	NEW  AC90S2SH1FA	NEW  AC105S2SH1FA		NEW  AC125S2SK1FA	NEW  AC140S2SK1FA			

R410a SMART POWER

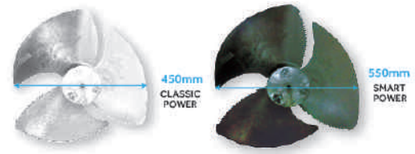
Outdoor



KEY FEATURE

New designed fan

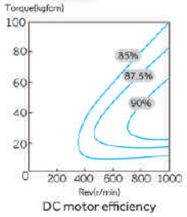
Based on aerodynamics theory, we create 550mm super big diameter helix fan, air flow increase 16.7%.



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.





DC motor efficiency

Low Sound Level

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.


CLASSIC POWER


SMART POWER

Stylish Design

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.



High Efficiency

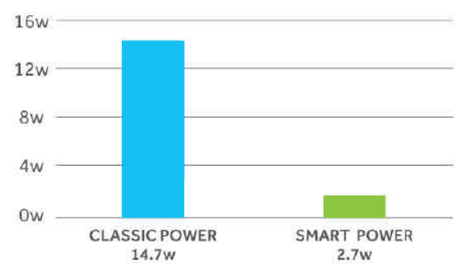
High performance

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

	SEER / SCOP			EER / COP	
COMBINATION	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

Low standby power

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



Easy Installation

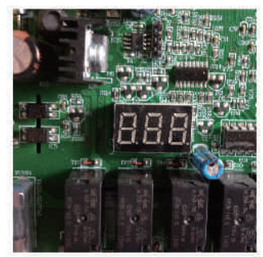
Double side 4 handles

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.

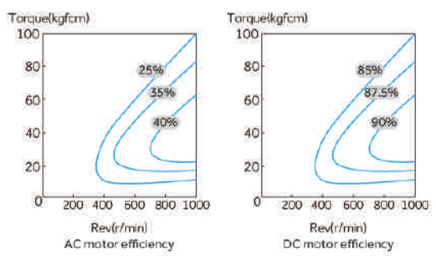




High Efficiency

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.



KEY FEATURE

Stylish Design

"Spiral " panel

"Spiral" concept . "Haier" image .



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.



Flap is closed when air conditioner off

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



ABS material panel

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



Low Sound Level

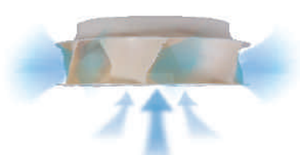
Super big inlet grille

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



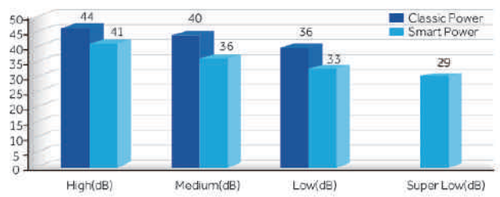
New designed fan

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



Fan speed programme

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



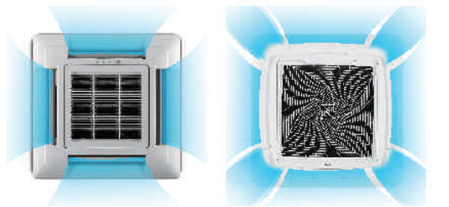
Series	Classic Power	Smart Power
Cooling Capacity	8kW	9kW
Model	AB28ES1ERA(S)	ABH090H1ERG

KEY FEATURE

Comfort Airflow

Round way air supply

Round way air supply without blind spot.

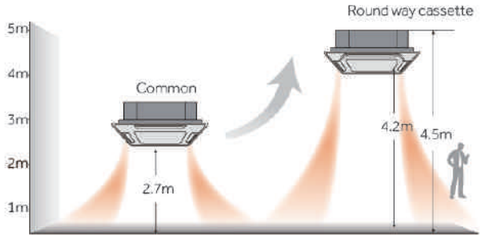


4 way airflow　　Unique round way air flow design

High ceiling mode

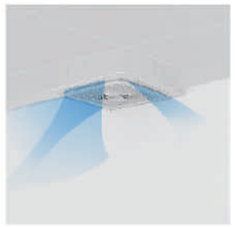
Lots of shops are 5 meters high ceiling. this model can be installed in 4.5 metres height. the best solution for high ceiling shop.

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

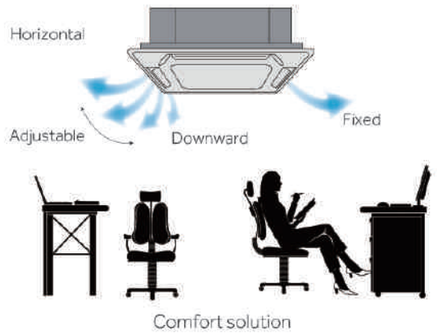


Individual flap control

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".



Corner installation solution

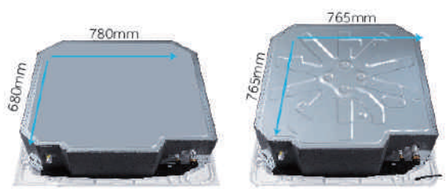


Comfort solution

Easy Installation

Square hanger

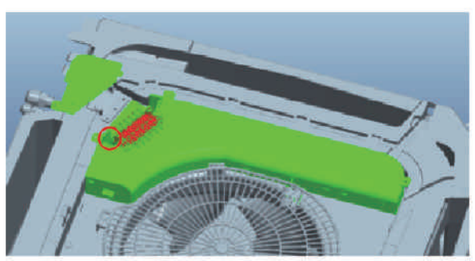
Innovative square hanger, flexible direction adjustment, avoid second try installation.



Common　　360° samrt flow cassette

Undoing only one screw

Installer can finish wiring by undoing one screw.



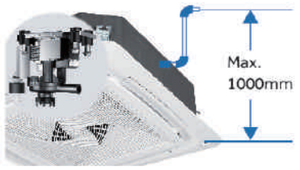
Convenient clip

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

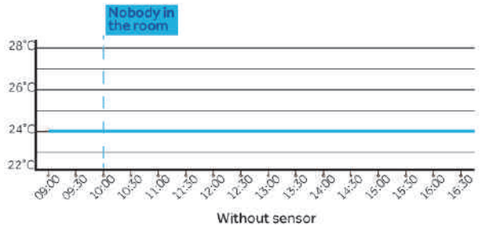
It can lifts condensed water up to 1000mm, which is more flexible to install the duct according to the layout.



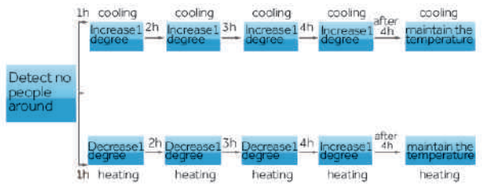
Move Eye Intelligent System(Optional)

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) .



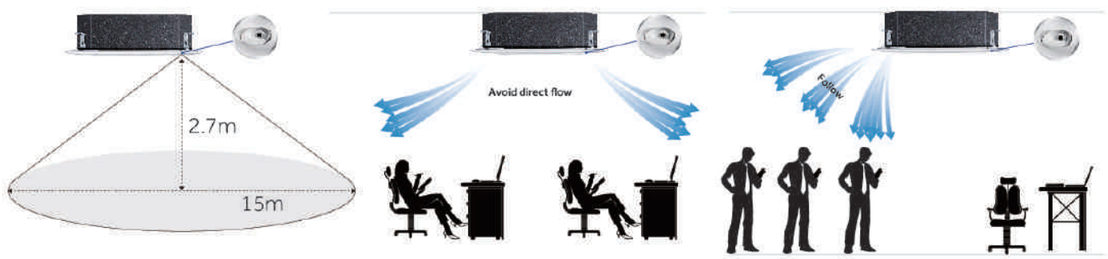
Without sensor



With sensor

Automatic airflow direction

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



Round Way Cassette



AB71S2SG1FA
ABH090H1ERG
ABH105H1ERG



Model			Indoor unit	AB71S2SG1FA	ABH090H1ERG	ABH105H1ERG
			Outoor unit	1UH071N1ERG	1UH090N1ERG	1UH105N1ERG
Nominal performance data	Capacity	Cooling	Btu/h (nor)	24200	30700	34100
			kW nor(min-max)	7.1(2.0~8.0)	9(2.5~10)	10(2.5~11)
		Heating	Btu/h (nor)	27300	34450	36150
			kW nor(min-max)	8(2.0~9.0)	10.1(2.5~11)	10.6(2.5~11.3)
	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)
		Heating	kW nom(min-max)	2.0(0.4~4.0)	2.61(0.5~4.4)	2.79(0.5~4.9)
	EER		w/w	3.7	3.52	3.34
	COP		w/w	4	3.87	3.8
Seasonal performance data	Cooling P design(35°C)		kW	7.1	9	10
	Heating P design(-10°C)		kW	6	8.1	8.2
	SEER/SCOP			6.3/4.2	6.3/4.1	6.8/4.1
	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
Performance	Air flow(H/M/L)		m^3/h	1260/1070/820/680	1470/1260/1050/940	1680/1530/1320/1190
	Sound power level(H/M/L)		dB(A)	52	57	62
	Sound pressure level(H/M/L)		dB(A)	36/33/29/26	41/36/33/29	45/42/38/34
Installation	External dimensions(W/D/H)		mm	840/840/204	840/840/246	840/840/246
	Shipping dimensions(W/D/H)		mm	990/990/310	990/990/310	990/990/310
	Net/Shipping weight		kg	27/32	31/36	31/36
	Wireless Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01
	Wired Controller		optional	YR-E17	YR-E17	YR-E17
Panel	Panel Model			PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)
	External dimensions(W/D/H)		mm	950/950/50	950/950/50	950/950/50
	Shipping dimensions(W/D/H)		mm	1000/1000/110	1000/1000/110	1000/1000/110
	Net/Shipping weight		kg	6.5/9	6.5/9	6.5/9
OUTDOOR UNIT						
Elec.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^3/h	3200	3500	4000
	Sound power level		dB(A)	66	67	68
	Sound pressure level		dB(A)	49	51	52
Installation	External dimensions(H/W/D)		mm	965/950/370	965/950/370	965/950/370
	Shipping dimensions(H/W/D)		mm	1095/1050/450	1095/1050/450	1095/1050/450
	Net/Shipping weight		kg	80/92	80/92	82/94
	Compressor type			twin rotary	twin rotary	twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88	15.88
	Max pipe length		m	50	50	50
	Max drop between I.U.&O.U		m	30	30	30
	Refrigerant load in factory		kg	2.5	2.5	2.5
	Maxmum pipe length without charge refrigerant		m	20	20	20
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-15~52	-15~52	-15~52
	Heating(Min-Max)		°C	-20~24	-20~24	-20~24

* Data is pending;

ABH125K1ERG
ABH125K1ERG
ABH140K1ERG
ABH140K1ERG





Model			Indoor unit	ABH125K1ERG	ABH125K1ERG	ABH140K1ERG	ABH140K1ERG
			Outoor unit	1UH125P1ERG	1UH125P1ERK	1UH140P1ERG	1UH140P1ERK
Nominal performance data	Capacity	Cooling	Btu/h (nor)	42600	42600	45700	45700
			kW nor(min-max)	12.5(3.5~14.5)	12.5(3.5~14.5)	13.1(3.5~15.5)	13.4(3.5~15.5)
		Heating	Btu/h (nor)	44700	44700	51150	51150
			kW nor(min-max)	13.1(4~17)	13.1(4~17)	15.0(4.0~18.0)	15.0(4.0~18.0)
	Rated power input	Cooling	kW nom(min-max)	3.66(1.0~6.0)	3.66(1.0~6.0)	4.05(2.0~6.5)	4.05(2.0~6.5)
		Heating	kW nom(min-max)	3.54(1.0~6.0)	3.54(1.0~6.0)	4.15(2.0~7.0)	4.15(2.0~7.0)
	EER		w/w	3.41	3.41	3.21	3.31
	COP		w/w	3.7	3.7	3.61	3.61
Seasonal performance data	Cooling P design(35°C)		kW	12.5	12.5	13.1	13.4
	Heating P design(-10°C)		kW	10 *	10 *	11 *	11 *
	SEER/SCOP			6.1/4 *	6.1/4 *	6.1/4 *	6.1/4 *
	Energy class(Cooling/Heating)			A/A	A/A	A/A	A/A
	Annual energy consumption(Cooling)		kW	/	/	/	/
	Annual energy consumption(Heating)		kW	/	/	/	/
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
Performance	Air flow(H/M/L)		m^3/h	1950/1600/1440/1200	1950/1600/1440/1200	1950/1600/1440/1200	1950/1600/1440/1200
	Sound power level(H/M/L)		dB(A)	64	64	64	64
	Sound pressure level(H/M/L)		dB(A)	47/44/38/34	47/44/38/34	47/44/38/34	47/44/38/34
Installation	External dimensions(W/D/H)		mm	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
	Net/Shipping weight		kg	32/38	32/38	32/38	32/38
	Wireless Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01
	Wired Controller		optional	YR-E17	YR-E17	YR-E17	YR-E17
Panel	Panel Model			PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)	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
	Shipping dimensions(W/D/H)		mm	1000/1000/110	1000/1000/110	1000/1000/110	1000/1000/110
	Net/Shipping weight		kg	6.5/9	6.5/9	6.5/9	6.5/9
OUTDOOR UNIT							
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
Performance	Air flow (H)		m^3/h	6500	6500	7000	7000
	Sound power level		dB(A)	69	69	70	70
	Sound pressure level		dB(A)	52	52	53	53
Installation	External dimensions(H/W/D)		mm	1350/950/370	1350/950/370	1350/950/370	1350/950/370
	Shipping dimensions(H/W/D)		mm	1500/1090/480	1500/1090/480	1500/1090/480	1500/1090/480
	Net/Shipping weight		kg	105/118	108/121	105/118	108/121
	Compressor type			twin rotary	twin rotary	twin rotary	twin rotary
	Refrigerant type			R410A	R410A	R410A	R410A
	GWP			2088	2088	2088	2088
	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	75	75	75	75
	Max drop between I.U.&O.U		m	30	30	30	30
	Refrigerant load in factory		kg	3.7	3.7	3.7	3.7
	Maxmum 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	-15~52	-15~52	-15~52	-15~52
	Heating(Min-Max)		°C	-20~24	-20~24	-20~24	-20~24

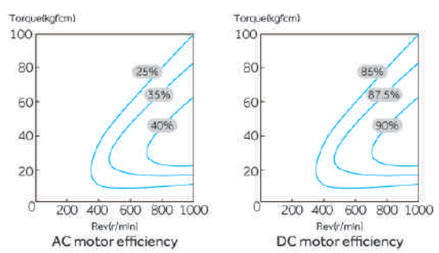
* Data is pending;



High Efficiency

DC fan motor

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



Comfort Air

High efficiency filter

Filter is with anti mould function, avoid the bad smell after long time operation;

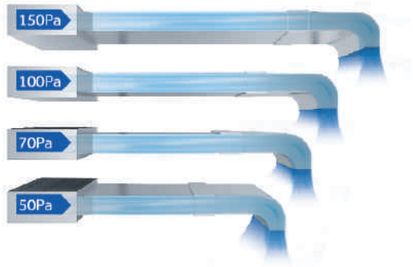


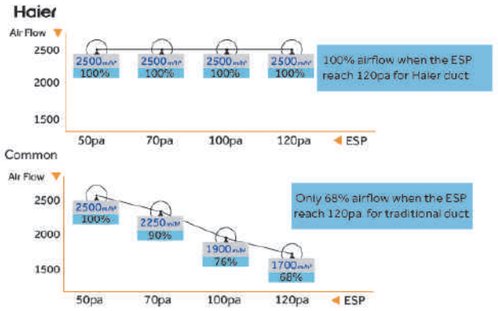
KEY FEATURE

Comfortable

Consistent airflow

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

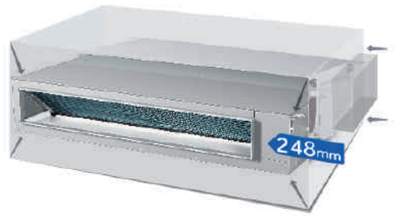




Flexible Design

Super slim

248mm of thickness for better installation application flexibility(for 7.1kW-14kW).



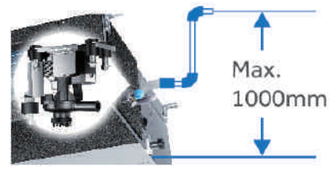
Return air choices

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



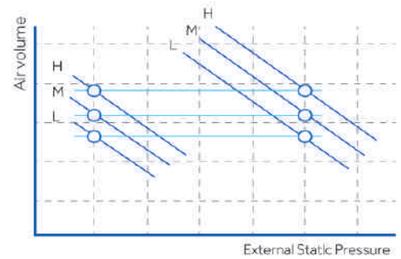
High lift-up drain pump

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



Adjusted pressure by wired controller

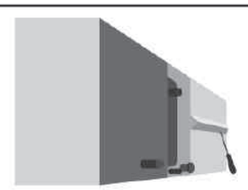
We takes DC fan motor design , external static pressure can be adjusted by wired controller , so installer don' t need to climb the ladders to adjust pressure;



Easy Installation

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;



Medium Pressure Duct

AD71S2SM3FA
AD90S2SM3FA
AD105S2SM3FA





Model			Standard Indoor unit (drain pump included)	AD71S2SM3FA	AD90S2SM3FA	AD105S2SM3FA
			Optional Indoor unit (drain pump excluded)	AD71S2SM4FA	AD90S2SM4FA	AD105S2SM4FA
			Outdoor unit	1UH071N1ERG	1UH090N1ERG	1UH105N2ERG
Nominal performance data	Capacity	Cooling	Btu/h (nor)	24200	29000	34100
			kW nor(min-max)	7.1(2.0~9.0)	8.5(2.5~10)	10(2.5~11)
		Heating	Btu/h (nor)	27300	31700	35500
			kW nor(min-max)	8(2~10.0)	9.5(2.5~11)	10.4(2.5~12)
	Rated power input	Cooling	kW nom(min-max)	2.03(0.4~4.0)	2.50(0.5~4.4)	2.93(0.5~4.5)
		Heating	kW nom(min-max)	2.0(0.4~4.0)	2.50(0.5~4.4)	2.80(0.5~4.5)
	EER			3.4	3.4	3.31
	COP			3.8	3.8	3.71
Seasonal performance data	Cooling P design(35°C)		kW	7.1	8.5	10
	Heating P design(-10°C)		kW	6	7	9.8
	SEER/SCOP			6.3/4.1	6.0/4.0	6.1/4
	Energy class(Cooling/Heating)			A++/A+	A++/A+	A++/A+
	Annual energy consumption(Cooling)		kW	390	485	541
	Annual energy consumption(Heating)		kW	1882	2256	3534
INDOOR UNIT						
Electrical	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	1440/1260/1100/900	1440/1260/1100/900	1600/1480/1360/1240
	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
	Sound power level(H/M/L)*		dB(A)	58	58	60
	Sound pressure level(H/M/L)*		dB(A)	37/35/33/30	37/35/33/30	39/36/33/31
Installation	External dimensions(W/D/H)		mm	1100/700/248	1100/700/248	1500/700/248
	Shipping dimensions(W/D/H)		mm	1270/860/340	1270/860/340	1710/870/330
	Net/Shipping weight		kg	30/36	38/44	42/52
	Wired Controller		optional	YR-E17	YR-E17	YR-E17
	Wireless Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01
OUTDOOR UNIT						
Elec. 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)		m³/h	3200	3500	4000
	Sound power level		dB(A)	66	67	68
	Sound pressure level		dB(A)	49	51	52
Installation	External dimensions(H/W/D)		mm	965/950/370	965/950/370	965/950/370
	Shipping dimensions(H/W/D)		mm	1095/1050/450	1095/1050/450	1095/1050/450
	Net/Shipping weight		kg	80/92	80/92	82/94
	Compressor type			twin rotary	twin rotary	twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88	15.88
	Max pipe length		m	50	50	50
	Max drop between I.U.&O.U		m	30	30	30
	Refrigerant load in factory		kg	2.5	2.5	2.5
	Maximum pipe length without charge refrigerant		m	20	20	20
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-15~52	-15~52	-15~52
	Heating(Min-Max)		°C	-20~24	-20~24	-20~24

* Data is pending:

AD125S2SM3FA
AD125S2SM3FA
AD140S2SM3FA
AD140S2SM3FA





Model			Standard Indoor unit (drain pump included)	AD125S2SM3FA	AD125S2SM3FA	AD140S2SM3FA	AD140S2SM3FA
			Optional Indoor unit (drain pump excluded)	AD125S2SM4FA	AD125S2SM4FA	AD140S2SM4FA	AD140S2SM4FA
			Outdoor unit	1UH125P1ERG	1UH125P1ERK	1UH140P1ERG	1UH140P1ERG
Nominal performance data	Capacity	Cooling	Btu/h (nor)	42650	42650	45700	45700
			kW nor(min-max)	12.5(3.5~15.0)	12.5(3.5~15.0)	13.4(3.5~16.0)	13.4(3.5~16.0)
		Heating	Btu/h (nor)	47750	47750	52850	52850
			kW nor(min-max)	14(4~18.0)	14(4~18.0)	15.5(4.0~19.0)	15.5(4.0~19.0)
	Rated power input	Cooling	kW nom(min-max)	3.66(1.0~6.5)	3.66(1.0~6.5)	4.05(1.0~6.5)	4.05(1.0~6.5)
		Heating	kW nom(min-max)	3.78(1.0~6.5)	3.78(1.0~6.5)	4.18(1.2~6.5)	4.18(1.2~6.5)
	EER			3.31	3.31	3.31	3.31
	COP			3.7	3.7	3.7	3.7
Seasonal performance data	Cooling P design(35°C)		kW	12.5	12.5	13.4	13.4
	Heating P design(-10°C)		kW	10	10	11	11
	SEER/SCOP			6.1/3.8	6.1/3.8	6.0/3.8	6.0/3.8
	Energy class(Cooling/Heating)			/	/	/	/
	Annual energy consumption(Cooling)		kW	/	/	/	/
	Annual energy consumption(Heating)		kW	/	/	/	/
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
Performance	Air flow(H/M/L)		m³/h	2250/1960/1680/1500	2250/1960/1680/1500	2500/2160/1780/1500	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
	Sound power level(H/M/L)*		dB(A)	65	65	66	66
	Sound pressure level(H/M/L)*		dB(A)	39/36/33/31	39/36/33/31	41/36/33/31	41/36/33/31
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	1710/870/330	1710/870/330	1710/870/330	1710/870/330
	Net/Shipping weight		kg	52/62	52/62	52/62	52/62
	Wired Controller		optional	YR-E17	YR-E17	YR-E17	YR-E17
	Wireless Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01
OUTDOOR UNIT							
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
Performance	Air flow (H)		m³/h	6500	6500	7000	7000
	Sound power level		dB(A)	69	69	70	70
	Sound pressure level		dB(A)	52	52	53	53
Installation	External dimensions(H/W/D)		mm	1350/950/370	1350/950/370	1350/950/370	1350/950/370
	Shipping dimensions(H/W/D)		mm	1500/1090/480	1500/1090/480	1500/1090/480	1500/1090/480
	Net/Shipping weight		kg	105/118	108/121	105/118	108/121
	Compressor type			twin rotary	twin rotary	twin rotary	twin rotary
	Refrigerant type			R410A	R410A	R410A	R410A
	GWP			2088	2088	2088	2088
	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	75	75	75	75
	Max drop between I.U.&O.U		m	30	30	30	30
	Refrigerant load in factory		kg	3.7	3.7	3.7	3.7
	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	-15~52	-15~52	-15~52	-15~52
	Heating(Min-Max)		°C	-20~24	-20~24	-20~24	-20~24

* Data is pending:



Design Flexibility

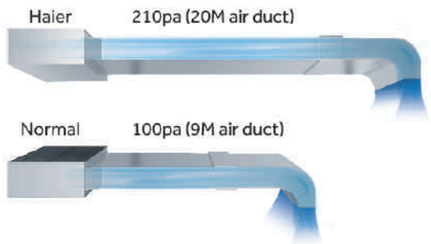
Super high airflow

New DC fan motor and large length & diameter fan design ,provide the 2880 m³/h (800l/s) above air flow with 250m³/h/kW (70L/s/kW) ,which is 44% more than medium pressure duct unit.

Capacity	Medium pressure duct airflow(m³/h)	High pressure duct airflow(m3/h)	Promotion
10.0kW	2000	2880	44%
12.5kW	2250	3250	44%
14.0kW	2500	3600	44%

210Pa pressure setting

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

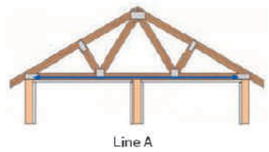


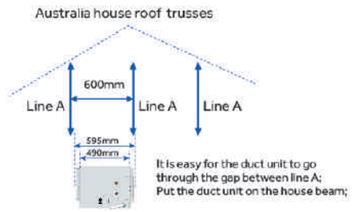
KEY FEATURE

Easy Installation

Narrow width

Only 490mm depth can meet the Australia compact roof trusses, easy for installer lifting the unit.





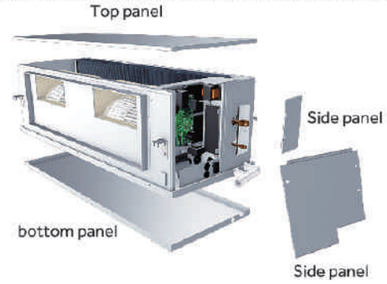
Three side open the panel

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;



Dedicated place to fix the wifi

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



10 step adjusted Pressure

Pressure can be adjusted by wired controller YR-E16A/ YR-E16B / YR-E17, installer don't need to install the static box, save installation time;



Energy Efficiency

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.

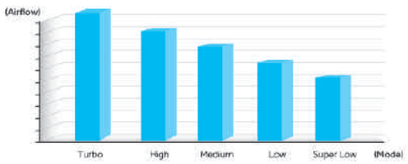
Capacity	EER	COP
10.0kW	3.5	3.7
12.5kW	3.5	3.6
14.0kW	3.4	3.6

Comfort & Convenience

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.



Wifi control

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



High Pressure Duct



ADH105H1ERG ADH140H1ERG
ADH125H1ERG ADH140H1ERG
ADH125H1ERG ADH160H1ERG



Model			Standard Indoor unit	ADH105H1ERG	ADH125H1ERG	ADH125H1ERG	ADH140H1ERG	ADH140H1ERG	ADH160H1ERG
			Outoor unit	1UH105N1ERG	1UH125P1ERG	1UH125P1ERK	1UH140P1ERG	1UH140P1ERK	1UH160P1ERG
Nominal performance data	Capacity	Cooling	Btu/h (nor)	35800	42650	42650	47750	47750	53000
			kW nor(min-max)	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)
		Heating	Btu/h (nor)	39200	47750	47750	54600	54600	61400
			kW nor(min-max)	11.5(2.5~12.0)	14.0(4~18.0)	14.0(4~18.0)	16(6.0~19.0)	16(6.0~19.0)	18(6.0~20.0)
	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)
		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)
	EER			3.5	3.5	3.5	3.4	3.4	3.21
	COP			3.7	3.61	3.61	3.61	3.61	3.61
Seasonal performance data	Cooling P design(35°C)		kW	10.5	12.5	12.5	14	14	15.5
	Heating P design(-10°C)		kW	9*	10*	10*	12*	12*	13*
	SEER/SCOP			6.3/4.2*	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*	/	/	/	/	/
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
Performance	Air flow(H/M/L)		m^3/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
			l/s	800	903	903	1000	1000	1111
	ESP		pa	37/50/70/90/110 /130/150/170/190/210	37/50/70/90/110 /130/150/170/190/210	37/50/70/90/110 /130/150/170/190/210	37/50/70/90/110 /130/150/170/190/210	37/50/70/90/110 /130/150/170/190/210	37/50/70/90/110 /130/150/170/190/210
	Sound power level(H/M/L)		dB(A)	59	61	61	63	64	67
	Sound pressure level(H/M/L)		dB(A)	45/41/37/33	47/44/42/39	47/44/42/39	49/46/43/40	49/46/43/40	50/47/45/42
Installation	External dimensions(W/D/H)		mm	1350/490/425	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	1565/724/510
	Net/Shipping weight		kg	59/70	61/72	61/72	61/72	61/72	61/72
	Wired Controller		optional	YR-E17	YR-E17	YR-E17	YR-E17	YR-E17	YR-E17
	Wireless Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01
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
Performance	Air flow (H)		m^3/h	4000	6500	6500	7000	7000	7500
	Sound power level		dB(A)	66	67	69	70	70	73
	Sound pressure level		dB(A)	49	51	52	53	53	57
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
	Shipping dimensions(H/W/D)		mm	1095/1050/450	1500/1090/480	1500/1090/480	1500/1090/480	1500/1090/480	1500/1090/480
	Net/Shipping weight		kg	82/94	105/118	108/121	105/118	108/121	105/118
	Compressor type			Rotary	Twin rotary	Twin rotary	Twin rotary	Twin rotary	Twin rotary
	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	75	75	75	75	75
	Max drop between I.U.&O.U		m	30	30	30	30	30	30
	Refrigerant load in factory		kg	2.5	3.7	3.7	3.7	3.7	3.7
	Maximum pipe length without charge refrigerant		m	20	30	30	30	30	30
	Refrigerant charge quantity for extra length		g/m	45	45	45	45	45	45
Working temp.	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;

ADH200H1ERG*
ADH250H1ERG*





Model			Standard Indoor unit	ADH200H1ERG*	ADH250H1ERG*
			Outoor unit	1UH200W1ERK*	1UH250W1ERK*
Nominal performance data	Capacity	Cooling	Btu/h (nor)	69946	81800
			kW nor(min-max)	20.5(6.2~23.5)	24(7.2~26.5)
		Heating	Btu/h (nor)	77793	91400
			kW nor(min-max)	22.8(7.2~24.8)	26.8(8.2~28.8)
	Rated power input	Cooling	kW nom(min-max)	6.1(2.5~8.5)	7.47(3.5~9.5)
		Heating	kW nom(min-max)	6.0(2.5~8.5)	7.18(3.5~9.5)
	EER			3.36	3.21
	COP			3.8	3.73
Seasonal performance data	Cooling P design(35°C)		kW	20	24
	Heating P design(-10°C)		kW	17.0	21
	SEER/SCOP			6.1/4*	6.1/4*
	Energy class(Cooling/Heating)			/	/
	Annual energy consumption(Cooling)		kW	/	/
	Annual energy consumption(Heating)		kW	/	/
INDOOR UNIT					
Electrical	Power supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60
Performance	Air flow(H/M/L)		m^3/h	4320/3780/3420/3060	5040/4500/3960/3600
			l/s	1200	1400
	ESP		pa	40/72/100/120/150/ 180/210/230/250/300	40/72/100/120/150/ 180/210/230/250/300
	Sound power level(H/M/L)		dB(A)	68	69
	Sound pressure level(H/M/L)		dB(A)	54/50/45	55/51/47
Installation	External dimensions(W/D/H)		mm	1330/895/500	1330/895/500
	Shipping dimensions(W/D/H)		mm	1510/1037/568	1510/1037/568
	Net/Shipping weight		kg	96/125	96/125
	Wired Controller		optional	YR-E17	YR-E17
	Wireless Controller		optional	YR-HBS01	YR-HBS01
OUTDOOR UNIT					
Elec. parameters	Power supply		Ph/V/Hz	3/380~415/50/60	3/380~415/50/60
Performance	Air flow (H)		m^3/h	10400	10000
	Sound power level		dB(A)	75	75
	Sound pressure level		dB(A)	58	58
Installation	External dimensions(H/W/D)		mm	1636/1050/400	1636/1050/400
	Shipping dimensions(H/W/D)		mm	1795/1150/510	1795/1150/510
	Net/Shipping weight		kg	160/175	160/175
	Compressor type			Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A
	GWP			2088	2088
	Refrigerant liquid pipe		mm	12.7	12.7
	Refrigerant gas pipe		mm	19.1	22.2
	Max pipe length		m	75	75
	Max drop between I.U.&O.U		m	50	50
	Refrigerant load in factory		kg	6.1	6.1
	Maximum pipe length without charge refrigerant		m	30	30
	Refrigerant charge quantity for extra length		g/m	45	45
Working temp.	Cooling(Min-Max)		°C	-15~52	-15~52
	Heating(Min-Max)		°C	-20~24	-20~24

* Data is pending;



Elegant and Fashionable Design

- Big-wave shape on both sides to embody multiple levels design, Ultra thin visually;



Brand-new　　Old One

- Appearance without screw, easy care;



Brand-new

Old One

KEY FEATURE

Super Comfort

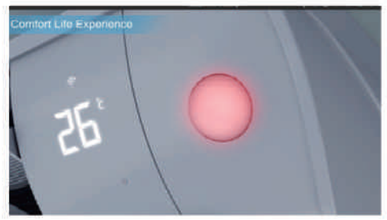
- Freestyle Airflow(Optional)

  Left /right swing individually, maxi angle degree 100°, different angle can be fixed accordingly

- Up-and-down swing angle maxi. degree 70 °;



- Intelligent sensor (optional)



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



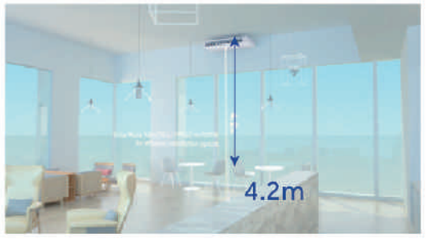
- Minimum Sound Pressure level (7.1Kw)up to 34dB(A)leading in the industry;



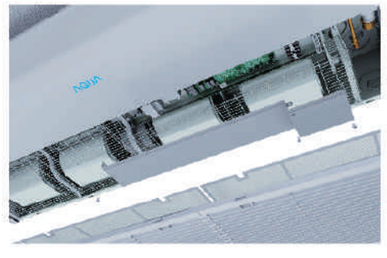


Easy Installation & Maintenance

- Turbo mode 4.2m(12.5/14KW) which is convenience for installation choice



- Easy to wire and maintain PCB: Simply Open the grille to make it;



Convertible



AC71S2SG1FA*
AC90S2SH1FA*
AC105S2SH1FA*



MODEL	Indoor unit			AC71S2SG1FA*	AC90S2SH1FA*	AC105S2SH1FA*
	Outoor unit			1UH071N1ERG*	1UH090N1ERG	1UH105N1ERG
Nominal performance data	Capacity	Cooling	Btu/h (nor)	24200	30700	34100
			kW nor(min-max)	7.1(2.0~8.0)	9(2.5~10)	10(2.5~11)
		Heating	Btu/h (nor)	27300	34450	36150
			kW nor(min-max)	8(2.0~9.0)	10.1(2.5~11)	10.6(2.5~11.3)
	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)
		Heating	kW nom(min-max)	2.0(0.4~4.0)	2.61(0.5~4.4)	2.79(0.5~4.9)
	EER		w/w	3.23	3.23	3.1/3.5
	COP		w/w	3.5	3.5	9.5
Seasonal performance data	Cooling P design(35°C)		kW	7.1	9	9.5
	Heating P design(-10°C)		kW	5	6.5	7.5
	SEER/SCOP			6.1/3.8	6.1/3.8	6.1/3.6
	Energy class(Cooling/Heating)			A++/A	A++/A	A++/A
	Annual energy consumption(Cooling)		kW	435	508	582
	Annual energy consumption(Heating)		kW	2044	2450	2734
INDOOR UNIT						
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)		m^3/h	1250/1128/930/840	1400/1300/1180/1060	1600/1400/1280/1160
	Sound power level (H/M/L)		dB(A)	62	63	63
	Sound pressure level (H/M/L)		dB(A)	41/38/36/33	43/40/37/34	44/41/38/36
Installation	External dimensions(W/D/H)		mm	1325/230/680	1325/230/680	1325/230/680
	Shipping dimensions(W/D/H)		mm	1425/305/779	1425/305/779	1425/305/779
	Net/Shipping weight		kg			
	Wireless Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01
	Wired Controller		optional	YR-E17	YR-E17	YR-E17
OUTDOOR UNIT						
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^3/h	3200	3500	4000
	Sound power level		dB(A)	66	67	68
	Sound pressure level		dB(A)	49	51	52
Installation	External dimensions(H/W/D)		mm	965/950/370	965/950/370	965/950/370
	Shipping dimensions(H/W/D)		mm	1095/1050/450	1095/1050/450	1095/1050/450
	Net/Shipping weight		kg	80/92	80/92	82/94
	Compressor type			twin rotary	twin rotary	twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88	15.88
	Max pipe length		m	50	50	50
	Max drop between I.U.&O.U		m	30	30	30
	Refrigerant load in factory		kg	2.5	2.5	2.5
	Maximum pipe length without charge refrigerant		m	20	20	20
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-15~52	-15~52	-15~52
	Heating(Min-Max)		°C	-20~24	-20~24	-20~24

* Data is pending;

AC125S2SK1FA*
AC125S2SK1FA *
AC140S2SK1FA*
AC140S2SK1FA *





MODEL	Indoor unit			AC125S2SK1FA*	AC125S2SK1FA *	AC140S2SK1FA*	AC140S2SK1FA *
	Outoor unit			1UH125P1ERG	1UH125P1ERK	1UH140P1ERG	1UH140P1ERK
Nominal performance data	Capacity	Cooling	Btu/h (nor)	42600	42600	45700	45700
			kW nor(min-max)	12.5(3.5~14.5)	12.5(3.5~14.5)	13.1(3.5~15.5)	13.4(3.5~15.5)
		Heating	Btu/h (nor)	44700	44700	51150	51150
			kW nor(min-max)	13.1(4~17)	13.1(4~17)	15.0(4.0~18.0)	15.0(4.0~18.0)
	Rated power input	Cooling	kW nom(min-max)	3.66(1.0~6.0)	3.66(1.0~6.0)	4.05(2.0~6.5)	4.05(2.0~6.5)
		Heating	kW nom(min-max)	3.54(1.0~6.0)	3.54(1.0~6.0)	4.15(2.0~7.0)	4.15(2.0~7.0)
	EER		w/w	2.75	2.75	3.1	3.1
	COP		w/w	3.25	3.25	3.6	3.6
Seasonal performance data	Cooling P design(35°C)		kW	12.1	12.1	13.4	13.4
	Heating P design(-10°C)		kW	8.5	8.5	11	11
	SEER/SCOP			5.86/3.81	5.86/3.81	6.1/3.8	6.1/3.8
	Energy class(Cooling/Heating)			/	/	/	/
	Annual energy consumption(Cooling)		kW	/	/	/	/
	Annual energy consumption(Heating)		kW	/	/	/	/
INDOOR UNIT							
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)		m^3/h	2050/1900/1600/1400	2050/1900/1600/1400	2150/1980/1800/1600	2150/1980/1800/1600
	Sound power level (H/M/L)		dB(A)	64	64	66	66
	Sound pressure level (H/M/L)		dB(A)	46/43/41/38	46/43/41/38	48/46/43/40	48/46/43/40
Installation	External dimensions(W/D/H)		mm	1650/230/680	1650/230/680	1650/230/680	1650/230/680
	Shipping dimensions(W/D/H)		mm	1750/305/779	1750/305/779	1750/305/779	1750/305/779
	Net/Shipping weight		kg	44/50	44/50	44/50	44/50
	Wireless Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01
	Wired Controller		optional	YR-E17	YR-E17	YR-E17	YR-E17
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
Performance	Air flow (H)		m^3/h	6500	6500	7000	7000
	Sound power level		dB(A)	69	69	70	70
	Sound pressure level		dB(A)	52	52	53	53
Installation	External dimensions(H/W/D)		mm	1350/950/370	1350/950/370	1350/950/370	1350/950/370
	Shipping dimensions(H/W/D)		mm	1500/1090/480	1500/1090/480	1500/1090/480	1500/1090/480
	Net/Shipping weight		kg	105/118	108/121	105/118	108/121
	Compressor type			twin rotary	twin rotary	twin rotary	twin rotary
	Refrigerant type			R410A	R410A	R410A	R410A
	GWP			2088	2088	2088	2088
	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	75	75	75	75
	Max drop between I.U.&O.U		m	30	30	30	30
	Refrigerant load in factory		kg	3.7	3.7	3.7	3.7
	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	-15~52	-15~52	-15~52	-15~52
	Heating(Min-Max)		°C	-20~24	-20~24	-20~24	-20~24

* Data is pending;



R410a SUPER MATCH

CLASSIC SINGLE SPLIT

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169 Cabinet Type

Models Line-up

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

Type \ kW	Controller	12	18	24		28	36	48	60	
		3.5	5	7.1		8	10	12.5	14	16
Inverter Outdoor Unit 1/220/50(12/18k) 1/220/50/60(24/28/36/48k) 3/380/50(48/60) 3/380/50/60(80/96k)		1U12BS3ERA	1U18FS2ERA(S)	1U24GS1ERA		1U28GS2ERA(S) 1U28HS1ERA(S)	1U36HS1ERA(S)	1U48LS1ERA(S)1U48LS1ERB(S)	1U60IS2ERB(S)	1U60IS1ERB(S)
High Wall Nebula 1/220/50/60	YR-HBS01	AS12NS1HRA-WU	AS18NS1HRA-WU	AS24NS1HRA-WU						
High Wall Brezza 1/220/50/60	YR-HG	AS12BS4HRA	AS18BS4HRA	AS24BS4HRA						
Compact Cassette AC 1/220/50/60 (Panel: PB-700IB)	YR-HD	AB12CS1ERA(S)	AB18CS1ERA(S)							
Compact Cassette DC 1/220/50/60 (Panel: PB-700KB)	YR-HD	AB12CS2ERA(S)	AB18CS2ERA(S)							
Round-way Cassette 1/220/50/60	YR-HBS01			AB71S2SG1FA(840*840*204) NEW		ABH90H1ERG(840*840*246) NEW	ABH105H1ERG(840*840*246) NEW	ABH125K1ERG(840*840*288) NEW	ABH140K1ERG(840*840*288) NEW	
4-way Cassette 1/220/50/60	YR-HD			AB24ES1ERA(S)		AB28ES1ERA(S)	AB36ES1ERA(S)	AB48ES1ERA(S)	AB60ES2ERA(S)	
New Convertible 1/220/50/60	YR-HBS01			AC71S2SG1FA NEW		AC90S2SH1FA NEW	AC105S2SH1FA NEW	AC125S2SK1FA NEW	AC140S25K1FA NEW	
Convertible 1/220/50/60	YR-HD	AC12CS1ERA(S)	AC18CS1ERA(S)	AC24CS1ERA(S)		AC28ES1ERA(S)	AC36ES1ERA(S)	AC48FS1ERA(S)	AC60FS1ERA(S)	AC60FS1ERA(S)
Cabinet 1/220/50	YR-HD							AP48DS1ERA(S) AP48KS1ERA(S)	AP60KS1ERA(S)	AP60KS1ERA(S)
Slim Low ESP Duct(30Pa) 1/220/50	YR-E17	AD12SS1ERA(N)	AD18SS1ERA(N)	AD24SS1ERA(N)						
Slim Duct Swing Panel		P1B-890IA/D	P1B-1210IA/D	P1B-1210IA/D						
Medium ESP Duct DC (150Pa) 1/220/50/60	YR-E17			AD71S2SM3FA NEW		AD90S2SM3FA NEW	AD105S2SM3FA NEW	AD125S2SM3FA NEW	AD140S2SM3FA NEW	
Medium ESP Duct(70/100Pa) 1/220/50/60	YR-E17	AD12MS1ERA	AD18MS1ERA	AD24MS2ERA		AD28MS2ERA(S)	AD36NS1ERA(S)	AD48NS1ERA(S)		
High ESP Duct DC (210Pa) 1/220/50/60	YR-E17							ADH125H1ERG NEW	ADH140H1ERG NEW	
High ESP Duct(150Pa) 1/220/50/60	YR-E17							AD48HS1ERA(S)	AD60HS1ERA(S)	AD60HS1ERA(S)

Benefits

SuperMatch

SERIES	MODEL	ENERGY SAVING				SMART						HEALTH	COMFORT													
		DC INVERTER 180° sine wave DC inverter	DC motor	A++ Energy class A++	Sleep mode	WIFI Wi-Fi control	Group control Group controller	Central control Central control	BMS BMS*	On-Off card	Movsayo intelligent system	Fresh air channel		Premium filter	Super quiet	Quiet operation	Outdoor low sound	Left & Right airflow	Far distance air supplying	360° airflow	4-way airflow	3D auto airflow	Wide-angle airflow	4-way independent airflow	Auto mode	AUTO Auto-swing	DRY DRY function
Round way cassette	ABH071H1ERG	√	√	√	√	√	√	√		√	√	√		√	√	√	√			√			√	√	√	√	√
	ABH090H1ERG	√	√	√	√	√	√	√		√	√	√		√	√	√	√			√			√	√	√	√	√
	ABH105H1ERG	√	√	√	√	√	√	√		√	√	√		√	√	√	√			√			√	√	√	√	√
	ABH125K1ERG	√	√		√	√	√	√		√	√	√		√	√	√	√			√			√	√	√	√	√
	ABH140K1ERG	√	√		√	√	√	√		√	√	√		√	√	√	√			√			√	√	√	√	√
Medium pressure duct	AD71S2SM3FA	√	√	√	√	√	√	√	√	√		√		√	√	√	√								√		√
	AD90S2SM3FA	√	√	√	√	√	√	√	√	√		√		√	√	√	√								√		√
	AD105S2SM3FA	√	√	√	√	√	√	√	√	√		√		√	√	√	√		√						√		√
	AD125S2SM3FA	√	√		√	√	√	√	√	√		√		√	√	√	√		√						√		√
	AD140S2SM3FA	√	√		√	√	√	√	√	√		√		√	√	√	√		√						√		√
High pressure duct	ADH105H1ERG	√	√		√	√	√	√	√	√		√				√	√		√						√		√
	ADH125H1ERG	√	√		√	√	√	√	√	√		√				√	√		√						√		√
	ADH140H1ERG	√	√		√	√	√	√	√	√		√				√	√		√						√		√

*Central control & BMS will be realized by connecting with smart power ODUs since Feb.2018.

SERIES	MODEL	CONVENIENCE										CONVENIENCE							RELIABILITY					
		Supermatch	Weekly timer	24 hours timer	Auto restart	Smart defrosting	Child lock	Double 8 display	4 fan settings	Adjustable E.S.P		Two-way drain	Drain water pump	Branch outlet	Quick installation	Compact design	Built-in valve	50Hz or 60Hz Widely electricity Hz	-15°C heating	-20°C heating	-10°C cooling	-15°C cooling	Self-diagnosis function	3 min 3 minutes protection
Round way cassette	ABH071H1ERG	√	√	√	√	√	√	√	√				√	√	√	√	√	√		√		√	√	√
	ABH090H1ERG	√	√	√	√	√	√	√	√				√	√	√	√	√	√		√		√	√	√
	ABH105H1ERG	√	√	√	√	√	√	√	√				√	√	√	√	√	√		√		√	√	√
	ABH125K1ERG	√	√	√	√	√	√	√	√				√	√	√		√	√		√		√	√	√
	ABH140K1ERG	√	√	√	√	√	√	√	√				√	√	√		√	√		√		√	√	√
Medium pressure duct	AD71S2SM3FA	√	√	√	√	√	√		√	√		√	√		√	√	√	√		√		√	√	√
	AD90S2SM3FA	√	√	√	√	√	√		√	√		√	√		√	√	√	√		√		√	√	√
	AD105S2SM3FA	√	√	√	√	√	√		√	√		√	√		√	√	√	√		√		√	√	√
	AD125S2SM3FA	√	√	√	√	√	√		√	√		√	√		√	√	√	√		√		√	√	√
	AD140S2SM3FA	√	√	√	√	√	√		√	√		√	√		√	√	√	√		√		√	√	√
High pressure duct	ADH105H1ERG	√	√	√	√	√	√		√	√					√	√	√	√		√		√	√	√
	ADH125H1ERG	√	√	√	√	√	√		√	√					√	√	√	√		√		√	√	√
	ADH140H1ERG	√	√	√	√	√	√		√	√					√	√	√	√		√		√	√	√

√ : Standard √ : Optional

Benefits

SuperMatch

SERIES	MODEL	ENERGY SAVING				SMART							HEALTH		COMFORT											
		DC INVERTER 160° sine wave DC inverter	DC motor	A++ Energy class A++	Sleep mode	WiFi Wi-Fi control	Group control Group controller	Central control Central control	BMS BMS	On-Off card On-Off card	Move eye intelligent system	Fresh air channel Fresh air channel		Premium filter Premium filter	Super quiet Super quiet	Quiet operation Quiet operation	Low noise Low noise	Left & Right airflow Left & Right airflow	Far distance air supplying Far distance air supplying	360° airflow 360°airflow	4-way airflow 4-way airflow	3D 3D auto airflow	Wide-angle airflow Wide-angle airflow	4-way independent airflow 4-way independent airflow	Auto mode Auto mode	AUTO Auto-swing	DRY DRY function
4-way cassette	AB12CS2ERA(S)*	√	√		√	√	√	√		√		√		√		√					√				√	√	√
	AB18CS2ERA(S)*	√	√		√	√	√	√		√		√		√		√					√				√	√	√
	AB24ES1ERA(S)	√		√	√	√	√	√	√	√				√		√					√				√	√	√
	AB28ES1ERA(S)	√			√	√	√	√	√	√				√		√					√				√	√	√
	AB36ES1ERA(S)	√			√	√	√	√	√	√		√		√		√					√				√	√	√
	AB48ES1ERA(S)	√			√	√	√	√	√	√		√		√		√					√				√	√	√
	AB60ES2ERA(S)	√			√	√	√	√	√	√		√		√		√					√				√	√	√
Convertible type	AC12CS1ERA(S)	√		√	√	√	√	√	√	√				√		√		√				√			√	√	√
	AC18CS1ERA(S)	√			√	√	√	√	√	√				√		√		√				√			√	√	√
	AC24CS1ERA(S)	√			√	√	√	√	√	√				√		√		√				√			√	√	√
	AC28ES1ERA(S)	√			√	√	√	√	√	√		√		√		√		√				√	√		√	√	√
	AC36ES1ERA(S)	√			√	√	√	√	√	√		√		√		√		√				√	√		√	√	√
	AC48FS1ERA(S)	√			√	√	√	√	√	√		√		√		√		√				√	√		√	√	√
	AC60FS1ERA(S)	√			√	√	√	√	√	√		√		√		√		√				√	√		√	√	√
Low pressure Slim duct	AD12SS1ERA(N)	√	√		√	√	√	√	√	√				√	√	√		√				√			√	√	√
	AD18SS1ERA(N)	√	√		√	√	√	√	√	√				√	√	√		√				√			√	√	√
	AD24SS1ERA(N)	√	√		√	√	√	√	√	√				√	√	√		√				√			√	√	√
Low pressure duct	AD12LS1ERA	√			√	√	√	√	√	√				√		√									√	√	√
	AD18LS1ERA	√			√	√	√	√	√	√				√		√									√	√	√
	AD24LS1ERA	√			√	√	√	√	√	√				√	√	√									√	√	√
Medium pressure duct	AD12MS1ERA	√	√	√	√	√	√	√	√	√		√		√	√	√									√	√	√
	AD18MS1ERA	√	√	√	√	√	√	√	√	√		√		√	√	√									√	√	√
	AD24MS2ERA	√	√	√	√	√	√	√	√	√		√		√	√	√									√	√	√
	AD28MS2ERA(S)	√	√		√	√	√	√	√	√		√		√		√									√	√	√
	AD36NS1ERA(S)	√			√	√	√	√	√	√				√		√									√	√	√
	AD48NS1ERA(S)	√			√	√	√	√	√	√				√		√									√	√	√
High pressure duct	AD48HS1ERA(S)	√			√	√	√	√	√	√				√		√			√						√	√	√
	AD60HS1ERA(S)	√			√	√	√	√	√	√				√		√			√						√	√	√
Cabinet type	AP48DS1ERA(S)	√			√	√	√	√	√	√				√		√		√	√			√			√	√	√
	AP48KS1ERA(S)	√			√	√	√	√	√	√				√		√		√	√			√			√	√	√
	AP60KS1ERA(S)	√			√	√	√	√	√	√				√		√		√	√			√			√	√	√

*Group & Central control will be realized by connecting with Multi ODUs.

√ : Standard √ : Optional

Benefits

SuperMatch

SERIES	MODEL	CONVENIENCE										CONVENIENCE							RELIABILITY					
		Super match	Weekly timer	24 hours timer	Auto restart	Smart defrosting	Child lock	Double-8 display	4 fan settings	Adjustable E.S.P		Two-way drain	Drain water pump	Branch outlet	Quick installation	Compact design	Built-in valve	Wide electricity Hz	-15°C heating	-20°C heating	+10°C cooling	+15°C cooling	Self-diagnosis function	3 minutes protection
4-way cassette	AB12CS2ERA(S)	√	√	√	√	√	√		√				√			√		√	√		√		√	√
	AB18CS2ERA(S)	√	√	√	√	√	√		√				√			√		√	√		√		√	√
	AB24ES1ERA(S)	√	√	√	√	√	√						√	√		√		√	√		√		√	√
	AB28ES1ERA(S)	√	√	√	√	√	√						√	√		√		√	√		√		√	√
	AB36ES1ERA(S)	√	√	√	√	√	√						√	√				√	√		√		√	√
	AB48ES1ERA(S)	√	√	√	√	√	√						√	√				√	√		√		√	√
	AB60ES2ERA(S)	√	√	√	√	√	√						√	√				√	√				√	√
Convertible type	AC12CS1ERA(S)	√	√	√	√	√	√									√		√	√		√		√	√
	AC18CS1ERA(S)	√	√	√	√	√	√									√		√	√		√		√	√
	AC24CS1ERA(S)	√	√	√	√	√	√									√		√	√		√		√	√
	AC28ES1ERA(S)	√	√	√	√	√	√											√	√		√		√	√
	AC36ES1ERA(S)	√	√	√	√	√	√											√	√		√		√	√
	AC48FS1ERA(S)	√	√	√	√	√	√											√	√		√		√	√
	AC60FS1ERA(S)	√	√	√	√	√	√											√	√				√	√
Low pressure Slim duct	AD12SS1ERA(N)	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
	AD18SS1ERA(N)	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
	AD24SS1ERA(N)	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
Low pressure duct	AD12LS1ERA	√	√	√	√	√	√					√						√	√		√		√	√
	AD18LS1ERA	√	√	√	√	√	√					√						√	√		√		√	√
	AD24LS1ERA	√	√	√	√	√	√					√						√	√		√		√	√
Medium pressure duct	AD12MS1ERA	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
	AD18MS1ERA	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
	AD24MS2ERA	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
	AD28MS2ERA(S)	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
	AD36NS1ERA(S)	√	√	√	√	√	√					√						√	√		√		√	√
	AD48NS1ERA(S)	√	√	√	√	√	√					√						√	√		√		√	√
High pressure duct	AD48HS1ERA(S)	√	√	√	√	√	√											√	√		√		√	√
	AD60HS1ERA(S)	√	√	√	√	√	√											√	√				√	√
Cabinet type	AP48DS1ERA(S)	√	√	√	√	√	√	√											√		√		√	√
	AP48KS1ERA(S)	√	√	√	√	√	√	√											√		√		√	√
	AP60KS1ERA(S)	√	√	√	√	√	√	√											√				√	√

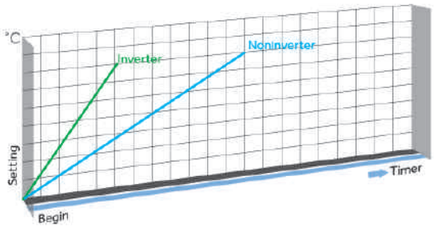
√ : Standard √ : Optional



DC Inverter Technology

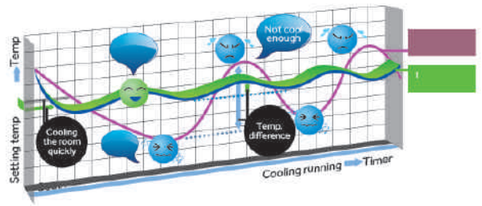
Powerful startup

Haier DC inverter system can startup and running at maximum frequency very quickly in order to reach the set temperature in the shortest time, which brings you great comfort experience.



Comfort

Haier DC inverter system will reduce the frequency and running smoothly according to the real load request after reach the set temperature. The temperature tolerance will be within ±1 °C, bring end user real comfort.



KEY FEATURE

Stock Friendly

Easy stock

Outdoor units are universal outdoor units for all indoor unit combination.



Indoor units are universal indoor units for single split combination or maxi split combination or multi split combination



Energy Efficiency

Eurovent standard

In accompliance with the 2013 EU Regulation No 206/2012 for SEER/SCOP and sound power level requirement, models reaching A/A with 5.1/3.8 SEER/SCOP.

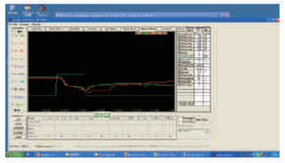
EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

Installation Friendly

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.

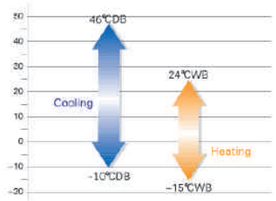


Wider Operation Range

Low temp. cooling or heating

Haier DC inverter system provide much wider working range that is suitable for special cooling,heating requirement.

Default production working range:Cooling:-10°C~46°C Heating:-15°C~24°C



-25 degree low ambient cooling solution

Low ambient cooling kit-compressor heating belt

In low ambient environment , the compressor oil will become viscous ; We need to use the compressor heating belt to improve the compressor oil activity, then to make the stable start up in low ambient ;



Low ambient cooling programme

When the unit starts , the outside fan speed will be set according to outside ambient temperature. After operation in a period of time, then according to the outdoor coil temperature to adjust the fan speed ;

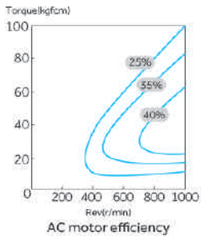




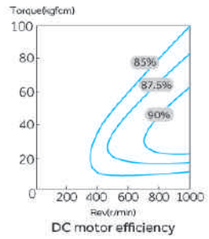
High Efficiency

DC fan motor

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



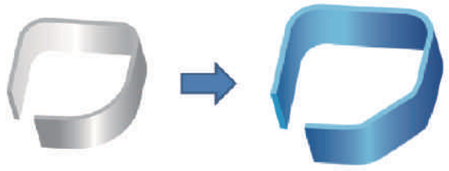
AC motor efficiency



DC motor efficiency

New heat exchanger design

The area of exchanger is enlarge to increase heating efficiency.



KEY FEATURE

Stylish Design

"Spiral " panel

"Spiral" concept , "Haier" image .



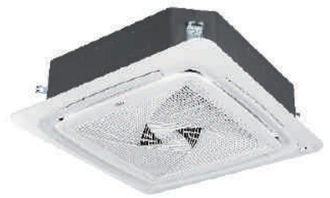
Hidden LCD display

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.



Flap is closed when air conditioner off

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



ABS material panel

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



Low Sound Level

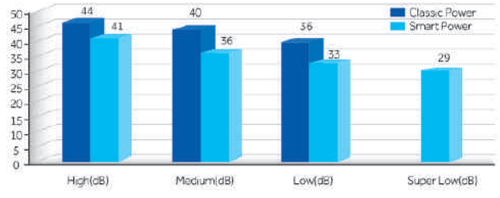
Super big inlet grille

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



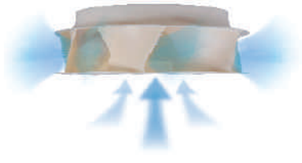
Fan speed programme

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



New designed fan

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



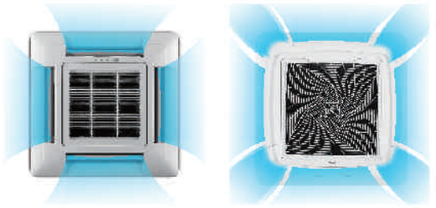
Series	Classic Power	Smart Power
Cooling Capacity	8kW	9kW
Model	AB28ES1ERA(S)	ABH090H1ERG

KEY FEATURE

Comfort Airflow

Round way air supply

Round way air supply without blind spot.

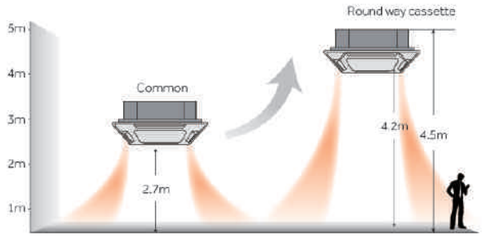


4 way airflow　　Unique round way air flow design

High ceiling mode

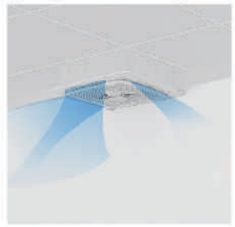
Lots of shops are 5 meters high ceiling. This model can be installed in 4.5 metres height. The best solution for high ceiling shop.

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



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".



corner installation solution

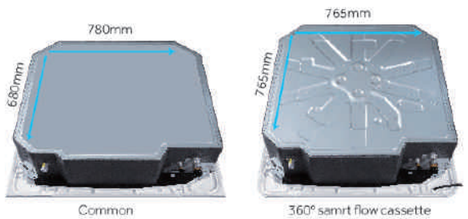


comfort solution

Easy Installation

Square hanger

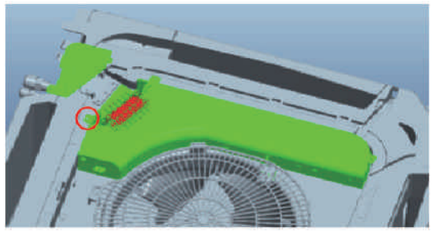
Innovative square hanger, flexible direction adjustment, avoid second try installation.



Common　　360° samrt flow cassette

Undoing only one screw

Installer can finish wiring by undoing one screw.



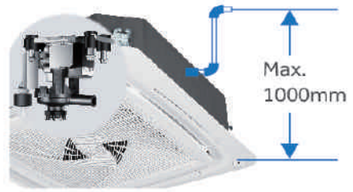
Convenient clip

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

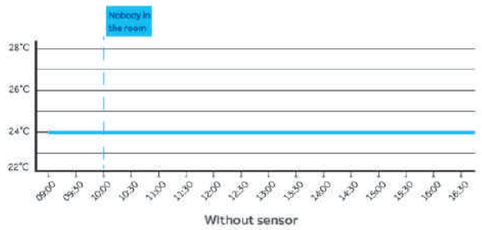
It can lifts condensed water up to 1000mm, which is more flexible to install the duct according to the layout.

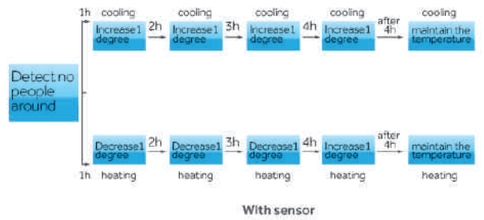


Move eye intelligent system(optional)

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) .





Automatic airflow direction

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



Round Way Cassette



AB71S2SG1FA*
ABH090H1ERG*
ABH105H1ERG*



MODEL			Indoor unit	AB71S2SG1FA*	ABH090H1ERG*	ABH105H1ERG*
			Outoor unit	1U24GS1ERA*	1U28GS2ERA(S)*	1U36HS1ERA(S)*
Nominal performance data	Capacity	Cooling	Btu/h (nor)	22200	29000	32400
			kW nor(min-max)	7.1(2~7.3)	8.5(2.2~9.5)	10.0(2.2~11.2)
		Heating	Btu/h (nor)	25600	30700	34450
			kW nor(min-max)	7.5(2.5~8)	9.0(2.5~10.0)	10.5(2.5~11.8)
	Rated power input	Cooling	kW nom(min-max)	2.20(0.5~2.6)	2.65(0.5~4.2)	2.96(0.5~4.3)
		Heating	kW nom(min-max)	2.01(0.5~2.6)	2.43(0.5~4.2)	2.80(0.5~4.3)
	EER/COP			3.23/3.72	3.21/3.71	3.21/3.71
Seasonal performance data	Cooling P design(35°C)		kW	7.1	7.8	9.5
	Heating P design(-10°C)		kW	5.2	7.2	8.1
	SEER/SCOP			6.1/3.8	6.1/3.8	6.1/3.8
	Energy class(Cooling/Heating)			A++/A	A++/A	A++/A
	Annual energy consumption(Cooling)		kW	435	530	636
	Annual energy consumption(Heating)		kW	2044	2653	3251
INDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m³/h	1260/1070/820/680	1470/1260/1050/940	1680/1530/1320/1190
	Sound power level(H/M/L)		dB(A)	52	57	62
	Sound pressure level(H/M/L)		dB(A)	36/33/29/26	41/36/33/29	45/42/38/34
Installation	External dimensions(W/D/H)		mm	840/840/204	840/840/246	840/840/246
	Shipping dimensions(W/D/H)		mm	990/990/310	990/990/310	990/990/310
	Net/Shipping weight		kg	27/32	31/36	31/36
	Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01
			optional	please refer to control system in catalogue		
Panel	Panel Model			PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)
	External dimensions(W/D/H)		mm	950/950/50	950/950/50	950/950/50
	Shipping dimensions(W/D/H)		mm	1000/1000/110	1000/1000/110	1000/1000/110
	Net/Shipping weight		kg	6.5/9	6.5/9	6.5/9
OUTDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H)		m³/h	3000	3000	4000
	Sound power level		dB(A)	70	70	70
	Sound pressure level		dB(A)	53	53	54
Installation	External dimensions(W/D/H)		mm	860/308/730	860/308/730	948/340/840
	Shipping dimensions(W/D/H)		mm	995/420/815	995/420/815	1040/430/1000
	Net/Shipping weight		kg	49/52	50.2/54.4	64/73
	Compressor type			Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88	15.88
	Max pipe length		m	30	30	30
	Max drop between I.U.&O.U		m	20	20	20
Panel	Refrigerant load in factory		kg	1.6	2	2.5
	Maximum pipe length without charge refrigerant		m	7	7	20
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-10~46	-10~46	-10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	-25~46	/	-25~46
	Heating(Min-Max)		°C	-15~24	-15~24	-15~24

* Data is pending;

ABH125K1ERG*
ABH125K1ERG*
ABH140K1ERG*





MODEL			Indoor unit	ABH125K1ERG*	ABH125K1ERG*	ABH140K1ERG*
			Outoor unit	1U48LS1ERA(S)*	1U48LS1ERB(S)*	1U60IS2ERB(S)*
Nominal performance data	Capacity	Cooling	Btu/h (nor)	42300	42300	45700
			kW nor(min-max)	12.4(6.0~14.1)	12.4(6.0~14.1)	13.4(6.0~15.0)
		Heating	Btu/h (nor)	44700	44700	49450
			kW nor(min-max)	13.1(6.0~16.0)	13.1(6.0~16.0)	14.5(6.0~16.5)
	Rated power input	Cooling	kW nom(min-max)	3.86(2.0~6.0)	3.86(2.0~6.0)	4.32(2.0~6.0)
		Heating	kW nom(min-max)	3.74(2.0~6.0)	3.74(2.0~6.0)	4.25(2.0~6.0)
	EER/COP			3.21/3.5	3.21/3.5	3.1/3.41
Seasonal performance data	Cooling P design(35°C)		kW	12.1	12.1	13.4
	Heating P design(-10°C)		kW	9	9	10
	SEER/SCOP			5.1/3.4	5.1/3.4	5.6/3.4
	Energy class(Cooling/Heating)			/	/	/
	Annual energy consumption(Cooling)		kW	/	/	/
	Annual energy consumption(Heating)		kW	/	/	/
INDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m³/h	1950/1600/1440/1200	1950/1600/1440/1200	1950/1600/1440/1200
	Sound power level(H/M/L)		dB(A)	64	64	64
	Sound pressure level(H/M/L)		dB(A)	47/44/38/34	47/44/38/34	47/44/38/34
Installation	External dimensions(W/D/H)		mm	840/840/288	840/840/288	840/840/288
	Shipping dimensions(W/D/H)		mm	990/990/380	990/990/380	990/990/380
	Net/Shipping weight		kg	32/38	32/38	32/38
	Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01
			optional	please refer to control system in catalogue		
Panel	Panel Model			PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)	PB-950KB(standard panel) /PB-950MB(sensor panel)
	External dimensions(W/D/H)		mm	950/950/50	950/950/50	950/950/50
	Shipping dimensions(W/D/H)		mm	1000/1000/110	1000/1000/110	1000/1000/110
	Net/Shipping weight		kg	6.5/9	6.5/9	6.5/9
OUTDOOR UNIT						
Electrical Parameters	Power supply		Ph/V/Hz	1/220~230/50/60	3/380~400/50	3/380~400/50
Performance	Air flow (H)		m³/h	4200	4200	6000
	Sound power level		dB(A)	73	73	73
	Sound pressure level		dB(A)	59	59	60
Installation	External dimensions(W/D/H)		mm	1008/410/830	1008/410/830	948/340/1250
	Shipping dimensions(W/D/H)		mm	1142/498/1000	1142/498/1000	1095/410/1400
	Net/Shipping weight		kg	82/93	82/93	91/101
	Compressor type			Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	19.05	19.05	19.05
	Max pipe length		m	50	50	50
	Max drop between I.U.&O.U		m	30	30	30
Panel	Refrigerant load in factory		kg	2.85	2.85	3.3
	Maximum pipe length without charge refrigerant		m	20	20	20
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-25~46	10~46	10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	-25~46	/	/
	Heating(Min-Max)		°C	-15~24	-15~24	-15~24

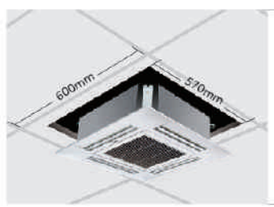
* Data is pending;



Compact Size

Compact design

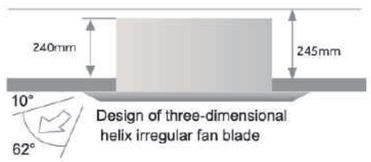
The unit dimension is 570mm x 570mm x 260mm for easy installation. It is universal and harmonious with standard ceiling 600mm x 600mm, which avoids the breakage for ceiling during installation.



Only for units
AB12-AB18

Compact design

Adopt compact design, the thickness of the main body is only 240mm. Even if the inner space of ceiling is narrow, the unit can also be installed easily.



(※ only for units AB24~AB28)

KEY FEATURE

More Solution

Branch outlet

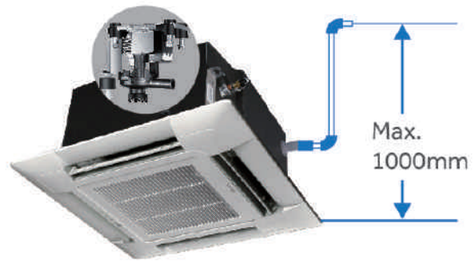
It is possible to use 1 or 2 branches for better air distribution(optinal).



Easy Installation & Maintenance

Built-in high head drain pump

A standard drain-head height up to 1000mm is possible. Creat the ideal solution for perfect water drainage.



Easy access electrical box design

The electrical box is located in the unit, you can just make maintenance by openning the panel .



Comfort

Quiet operation

The fan blade adopts the design of irregular helix, the indoor unit can run at the lowest sound level.



Fresh air inlet

Pre-set fresh air inlet can introduce the outside fresh air into the room, which can greatly improve the indoor air quality & keep people away from "air conditioner symptom".

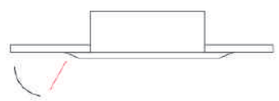


Convenient

Convenience swing control

Memory function in swing direction make the flap come to the direction when the cassette unit is turned on again.

turn off position



turn on again position



4-Way Cassette



AB12CS1ERA(S)
AB18CS1ERA(S)



MODEL			Indoor unit	AB12CS1ERA(S)	AB18CS1ERA(S)
			Outoor unit	1U12BS3ERA	1U18FS2ERA(S)
Nominal performance data	Capacity	Nominal cooling	Btu/h (nor)	12000	17000
			kW nor(min-max)	3.50(0.9~4.5)	5.0(1.8~5.8)
		Nominal heating	Btu/h (nor)	12600	18800
			kW nor(min-max)	3.7(1~4.8)	5.2(2~6.5)
	Rated power input	Cooling	kW nom(min-max)	1.06(0.28~1.8)	1.53(0.55~2)
		Heating	kW nom(min-max)	0.99(0.28~1.8)	1.52(0.6~2)
	EER/COP			3.31/3.71	3.26/3.42
Seasonal performance data	Cooling P design(35°C)		kW	3.5	5
	Heating P design(-10°C)		kW	3.4	4.7
	SEER/SCOP			6.1/3.8	5.1/3.8
	Energy class(Cooling/Heating)			A++/A	A/A
	Annual energy consumption(Cooling)		kW	222	363
	Annual energy consumption(Heating)		kW	1427	1932
INDOOR UNIT					
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m³/h	620/520/450	700/620/500
	Sound power level(H/M/L)		dB(A)	50/46/42	55/50/47
	Sound pressure level(H/M/L)		dB(A)	40/36/32	42/37/35
Installation	External dimensions(W/D/H)		mm	570/570/260	570/570/260
	Shipping dimensions(W/D/H)		mm	718/680/380	718/680/380
	Net/Shipping weight		kg	18.5/22	18.5/22
	Controller		standard	YR-HD	YR-HD
			optional	Please refer to control system in catalogue	
Panel	Panel Model			PB-700IB	PB-700IB
	External dimensions(W/D/H)		mm	700/700/60	700/700/60
	Shipping dimensions(W/D/H)		mm	740/750/115	740/750/115
	Net/Shipping weight		kg	2.8/4.8	2.8/4.8
OUTDOOR UNIT					
Elec. parameters	Power supply		Ph/V/Hz	1/230/50	1/230/50
Performance	Air flow (H)		m³/h	1700	2200
	Sound power level		dB(A)	62/63	63/64
	Sound pressure level		dB(A)	52/53	53/54
Installation	External dimensions(W/D/H)		mm	780/245/540	810/288/688
	Shipping dimensions(W/D/H)		mm	930/340/614	949/406/745
	Net/Shipping weight		kg	32.5/35.5	43/45.5
	Compressor type			Rotary	Rotary
	Refrigerant type			R410A	R410A
	GWP			2088	2088
	Refrigerant liquid pipe		mm	6.35	6.35
	Refrigerant gas pipe		mm	9.52	12.7
	Max pipe length		m	15	25
	Max drop between I.U.&O.U		m	10	15
Panel	Refrigerant load in factory		kg	1.2	1.3
	Maximum pipe length without charge refrigerant		m	5	5
	Refrigerant charge quantity for extra length		g/m	45	45
Working temp.	Cooling(Min-Max)		°C	-10~43	-10~43
	Low ambient Cooling(Min-Max) with compressor heater		°C	/	/
	Heating(Min-Max)		°C	-15~24	-15~24

AB12CS2ERA(S)
AB18CS2ERA(S)





MODEL			Indoor unit	AB12CS2ERA(S)	AB18CS2ERA(S)
			Outoor unit	1U12BS3ERA	1U18FS2ERA(S)
Nominal performance data	Capacity	Nominal cooling	Btu/h (nor)	12000	17000
			kW nor(min-max)	3.50(0.9~4.5)	5.0(1.8~5.8)
		Nominal heating	Btu/h (nor)	12600	18800
			kW nor(min-max)	3.7(1~4.8)	5.2(2~6.5)
	Rated power input	Cooling	kW nom(min-max)	1.06(0.28~1.8)	1.53(0.55~2)
		Heating	kW nom(min-max)	0.99(0.28~1.8)	1.52(0.6~2)
	EER/COP			3.31/3.71	3.26/3.42
Seasonal performance data	Cooling P design(35°C)		kW	3.5	5
	Heating P design(-10°C)		kW	3.4	4.7
	SEER/SCOP			6.1/3.8	5.1/3.8
	Energy class(Cooling/Heating)			A++/A	A/A
	Annual energy consumption(Cooling)		kW	222	363
	Annual energy consumption(Heating)		kW	1427	1932
INDOOR UNIT					
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m³/h	620/520/450/350	700/620/500/400
	Sound power level(H/M/L)		dB(A)	52	57
	Sound pressure level(H/M/L)		dB(A)	35/31/27/23	40/35/33/29
Installation	External dimensions(W/D/H)		mm	570/570/260	570/570/260
	Shipping dimensions(W/D/H)		mm	718/680/380	718/680/380
	Net/Shipping weight		kg	18.5/22	18.5/22
	Controller		standard	YR-HD	YR-HD
			optional	Please refer to control system in catalogue	
Panel	Panel Model			PB-700KB	PB-700KB
	External dimensions(W/D/H)		mm	700/700/60	700/700/60
	Shipping dimensions(W/D/H)		mm	740/750/115	740/750/115
	Net/Shipping weight		kg	2.8/4.8	2.8/4.8
OUTDOOR UNIT					
Elec. parameters	Power supply		Ph/V/Hz	1/230/50	1/230/50
Performance	Air flow (H)		m³/h	1700	2200
	Sound power level		dB(A)	62/63	63/64
	Sound pressure level		dB(A)	52/53	53/54
Installation	External dimensions(W/D/H)		mm	780/245/540	810/288/688
	Shipping dimensions(W/D/H)		mm	930/340/614	949/406/745
	Net/Shipping weight		kg	32.5/35.5	43/45.5
	Compressor type			Rotary	Rotary
	Refrigerant type			R410A	R410A
	GWP			2088	2088
	Refrigerant liquid pipe		mm	6.35	6.35
	Refrigerant gas pipe		mm	9.52	12.7
	Max pipe length		m	15	25
	Max drop between I.U.&O.U		m	10	15
Panel	Refrigerant load in factory		kg	1.2	1.3
	Maximum pipe length without charge refrigerant		m	5	5
	Refrigerant charge quantity for extra length		g/m	45	45
Working temp.	Cooling(Min-Max)		°C	-10~43	-10~43
	Low ambient Cooling(Min-Max) with compressor heater		°C	/	/
	Heating(Min-Max)		°C	-15~24	-15~24

4-Way Cassette



AB24ES1ERA(S)
AB28ES1ERA(S)
AB36ES1ERA(S)



MODEL			Indoor unit	AB24ES1ERA(S)	AB28ES1ERA(S)	AB36ES1ERA(S)
			Outoor unit	1U24GS1ERA	1U28GS2ERA(S)	1U36HS1ERA(S)
Nominal performance data	Capacity	Nominal cooling	Btu/h (nor)	22200	26600	32400
			kW nor(min-max)	7.1(2~7.3)	7.8(2.2~9.5)	9.5(2.2~11.2)
		Nominal heating	Btu/h (nor)	24300	29000	34450
			kW nor(min-max)	7.1(2.5~8)	8.5(2.5~10.0)	10.1(2.5~11.8)
	Rated power input	Cooling	kW nom(min-max)	2.20(0.5~2.6)	2.43(0.5~4.2)	2.96(0.5~4.3)
		Heating	kW nom(min-max)	1.91(0.5~2.6)	2.49(0.5~4.2)	2.798(0.5~4.3)
	EER/COP			3.23/3.72	3.21/3.41	3.21/3.61
Seasonal performance data	Cooling P design(35°C)		kW	7.1	7.8	9.5
	Heating P design(-10°C)		kW	5.2	7.2	8.1
	SEER/SCOP			6.1/3.8	5.1/3.8	5.6/3.8
	Energy class(Cooling/Heating)			A++/A	A/A	A+/A
	Annual energy consumption(Cooling)		kW	435	530	636
	Annual energy consumption(Heating)		kW	2044	2653	3251
INDOOR UNIT						
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m^3/h	1300/1100/870	1300/1100/870	1650/1400/1300
	Sound power level(H/M/L)		dB(A)	61	61	65
	Sound pressure level(H/M/L)		dB(A)	44/40/36	44/40/36	49/47/44
Installation	External dimensions(W/D/H)		mm	840/840/240	840/840/240	840/840/290
	Shipping dimensions(W/D/H)		mm	928/923/347	928/923/347	933/923/395
	Net/Shipping weight		kg	25.5/30.5	25.5/30.5	31/37
	Controller		standard	YR-HD	YR-HD	YR-HD
			optional	Please refer to control system in catalogue		
Panel	Panel Model			PB-950JB	PB-950JB	PB-950JB
	External dimensions(W/D/H)		mm	950/950/60	950/950/60	950/950/60
	Shipping dimensions(W/D/H)		mm	985/985/115	985/985/115	985/985/115
	Net/Shipping weight		kg	6.0/7.5	6.0/7.5	6.0/7.5
OUTDOOR UNIT						
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H)		m^3/h	3000	3000	4000
	Sound power level		dB(A)	70	70	70
	Sound pressure level		dB(A)	53	53	54
Installation	External dimensions(W/D/H)		mm	860/308/730	860/308/730	948/340/840
	Shipping dimensions(W/D/H)		mm	995/420/815	995/420/815	1040/430/1000
	Net/Shipping weight		kg	49/52	50.2/54.4	64/73
	Compressor type			Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88	15.88
	Max pipe length		m	30	30	30
	Max drop between I.U.&O.U		m	20	20	20
Panel	Refrigerant load in factory		kg	1.6	2	2.5
	Maximum pipe length without charge refrigerant		m	7	7	20
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min~Max)		°C	-10~46	-10~46	-10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	-25~46	/	-25~46
	Heating(Min~Max)		°C	-15~24	-15~24	-15~24

AB48ES1ERA(S)
AB48ES1ERA(S)
AB60ES2ERA(S)





MODEL			Indoor unit	AB48ES1ERA(S)	AB48ES1ERA(S)	AB60ES2ERA(S)
			Outoor unit	1U48LS1ERA(S)	1U48LS1ERB(S)	1U60IS2ERB(S)
Nominal performance data	Capacity	Nominal cooling	Btu/h (nor)	41300	41300	46400
			kW nor(min-max)	12.1(6.0~14.1)	12.1(6.0~14.1)	13.6(6.0~15.0)
		Nominal heating	Btu/h (nor)	44350	44350	49450
			kW nor(min-max)	13.0(6.0~16.0)	13.0(6.0~16.0)	14.5(6.0~16.5)
	Rated power input	Cooling	kW nom(min-max)	4.02(2.0~6.0)	4.02(2.0~6.0)	4.50(2.0~6.0)
		Heating	kW nom(min-max)	4.00(2.0~6.0)	4.00(2.0~6.0)	4.25(2.0~6.0)
	EER/COP			3.01/3.25	3.01/3.25	3.02/3.41
Seasonal performance data	Cooling P design(35°C)		kW	12.1	12.1	13.6
	Heating P design(-10°C)		kW	9	9	11
	SEER/SCOP			5.1/3.4	5.1/3.4	5.1/3.4
	Energy class(Cooling/Heating)			/	/	/
	Annual energy consumption(Cooling)		kW	/	/	/
	Annual energy consumption(Heating)		kW	/	/	/
INDOOR UNIT						
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m^3/h	1650/1400/1300	1650/1400/1300	1650/1400/1300
	Sound power level(H/M/L)		dB(A)	65	65	65
	Sound pressure level(H/M/L)		dB(A)	49/47/44	49/47/44	49/47/44
Installation	External dimensions(W/D/H)		mm	840/840/290	840/840/290	840/840/290
	Shipping dimensions(W/D/H)		mm	933/923/395	933/923/395	933/923/395
	Net/Shipping weight		kg	31/37	31/37	31/37
	Controller		standard	YR-HD	YR-HD	YR-HD
			optional	Please refer to control system in catalogue		
Panel	Panel Model			PB-950JB	PB-950JB	PB-950JB
	External dimensions(W/D/H)		mm	950/950/60	950/950/60	950/950/60
	Shipping dimensions(W/D/H)		mm	985/985/115	985/985/115	985/985/115
	Net/Shipping weight		kg	6.0/7.5	6.0/7.5	6.0/7.5
OUTDOOR UNIT						
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	3/380~400/50//60	3/380~400/50/60
Performance	Air flow (H)		m^3/h	4200	4200	6000
	Sound power level		dB(A)	73	73	73
	Sound pressure level		dB(A)	59	59	60
Installation	External dimensions(W/D/H)		mm	1008/410/830	1008/410/830	948/340/1250
	Shipping dimensions(W/D/H)		mm	1142/498/1000	1142/498/1000	1095/410/1400
	Net/Shipping weight		kg	82/93	82/93	91/101
	Compressor type			Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	19.05	19.05	19.05
	Max pipe length		m	50	50	50
	Max drop between I.U.&O.U		m	30	30	30
Panel	Refrigerant load in factory		kg	2.85	2.85	3.3
	Maximum pipe length without charge refrigerant		m	20	20	20
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min~Max)		°C	-25~46	10~46	10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	-25~46	/	/
	Heating(Min~Max)		°C	-15~24	-15~24	-15~24



Design Flexibility

Installation friendly

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



KEY FEATURE

Design Flexibility

Ultra-thin unit body,thickness only 199mm (12k~24k)

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



Comfort

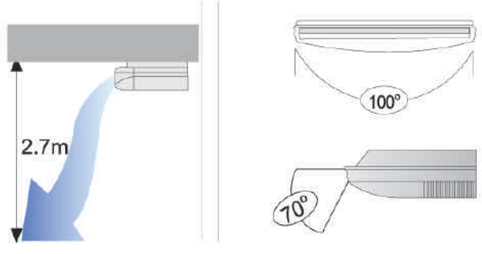
Fresh-air intake (28k~60k)

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



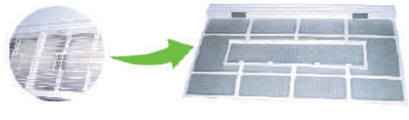
Wide angle air supplying

100° wide angle horizontal swing and 70° wide angle vertical swing design to make a precise control of the airflow, it equably distributes the comfortable air to every corner of the room.



High efficiency air purify filter

The unit adopts high efficiency air purify filter, greatly improves the room air quality.

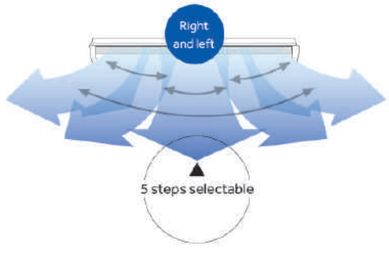


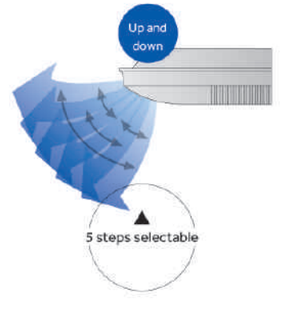
Automatic control of airflow direction

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

When heating, it will supply large quantity of warm air in order to quickly and effectively warm up the floor from bottom to top, when cooling it will send the airflow from top to bottom until the cool air reach every corner of the room at the cooling mode.

The airflow direction can be controlled in 5 steps from up to down and from left to right , more selectable, more flexible.

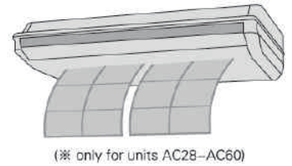




Easy Maintenance

Taken-out air purify filter

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



(※ only for units AC28~AC60)

Convertible Type



AC12CS1ERA(S)
AC18CS1ERA(S)
AC24CS1ERA(S)



MODEL	Indoor unit			AC12CS1ERA(S)	AC18CS1ERA(S)	AC24CS1ERA(S)
	Outoor unit			1U12BS3ERA	1U18FS2ERA(S)	1U24GS1ERA
Nominal performance data	Capacity	Cooling	Btu/h (nor)	12000	17000	22200
			kW nor(min-max)	3.5(0.9~4.5)	5.0(1.8~5.8)	6.5(2~7.3)
		Heating	Btu/h (nor)	13300	18700	24300
			kW nor(min-max)	3.9(1~4.8)	5.5(2~6.5)	7.1(2.5~8.0)
	Rated power input	Cooling	kW nom(min-max)	1.03(0.28~1.8)	1.53(0.55~2)	2.16(0.5~2.6)
		Heating	kW nom(min-max)	1.02(0.28~1.8)	1.48(0.6~2)	2.08(0.5~2.6)
	EER/COP			3.39/3.81	3.26/3.72	3.01/3.41
Seasonal performance data	Cooling P design(35°C)		kW	3.5	5	6.5
	Heating P design(-10°C)		kW	3.4	4.7	5
	SEER/SCOP			6.1/3.8	5.6/3.8	5.1/3.8
	Energy class(Cooling/Heating)			A++/A	A+/A	A/A
	Annual energy consumption(Cooling)		kW	222	315	489
	Annual energy consumption(Heating)		kW	1427	1868	2127
INDOOR UNIT						
Electrical parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m³/h	650/550/450	800/720/650	800/720/650
	Sound power level(H/M/L)		dB(A)	58	62	62
	Sound pressure level(H/M/L)		dB(A)	41/36/31	44/42/39	44/42/39
Installation	External dimensions(W/D/H)		mm	990/655/199	990/655/199	990/655/199
	Shipping dimensions(W/D/H)		mm	1150/750/300	1150/750/300	1150/750/300
	Net/Shipping weight		kg	26.3/32.3	28.3/34.3	28.3/34.3
	Controller		standard	YR-HD	YR-HD	YR-HD
			optional	Please refer to control system in catalogue		
OUTDOOR UNIT						
Electrical parameters	Power supply		Ph/V/Hz	1/230/50	1/230/50	1/220~230/50/60
Performance	Air flow (H)		m³/h	1700	2200	3000
	Sound power level		dB(A)	62/63	63/64	70
	Sound pressure level		dB(A)	52/53	53/54	53
Installation	External dimensions(W/D/H)		mm	780/245/540	810/288/688	860/308/730
	Shipping dimensions(W/D/H)		mm	930/340/614	949/406/745	995/420/815
	Net/Shipping weight		kg	32.5/35.5	43/45.5	49/52
	Compressor type			Rotary	Rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	6.35	6.35	9.52
	Refrigerant gas pipe		mm	9.52	12.7	15.88
	Max pipe length		m	15	25	30
	Max drop between I.U.&O.U		m	10	15	20
	Refrigerant load in factory		kg	1.2	1.3	1.6
	Maximum pipe length without charge refrigerant		m	5	5	7
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-10~43	-10~43	-10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	/	/	-25~46
	Heating(Min-Max)		°C	-15~24	-15~24	-15~24

AC28ES1ERA(S)
AC36ES1ERA(S)





MODEL	Indoor unit			AC28ES1ERA(S)	AC36ES1ERA(S)
	Outoor unit			1U28GS2ERA(S)	1U36HS1ERA(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	28300	34000
			kW nor(min-max)	8.3(2.1~10.0)	10.0(2.2~11.0)
		Heating	Btu/h (nor)	30700	36100
			kW nor(min-max)	9.0(2.2~10.5)	10.6(2.2~11.8)
	Rated power input	Cooling	kW nom(min-max)	2.57(0.5~4.2)	2.77(0.5~4.3)
		Heating	kW nom(min-max)	2.43(0.5~4.2)	2.94(0.5~4.3)
	EER/COP			3.23/3.71	3.61/3.61
Seasonal performance data	Cooling P design(35°C)		kW	8.3	10
	Heating P design(-10°C)		kW	7.5	8.1
	SEER/SCOP			5.6/3.8	5.6/3.8
	Energy class(Cooling/Heating)			A+/A	A+/A
	Annual energy consumption(Cooling)		kW	534	655
	Annual energy consumption(Heating)		kW	2773	3129
INDOOR UNIT					
Electrical parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m³/h	1630/1537/1375	1630/1537/1375
	Sound power level(H/M/L)		dB(A)	64	64
	Sound pressure level(H/M/L)		dB(A)	47/43/41	47/43/41
Installation	External dimensions(W/D/H)		mm	1298/700/240	1298/700/240
	Shipping dimensions(W/D/H)		mm	1500/790/315	1500/790/315
	Net/Shipping weight		kg	37/47	37/47
	Controller		standard	YR-HD	YR-HD
			optional	Please refer to control system in catalogue	
OUTDOOR UNIT					
Electrical parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H)		m³/h	3000	4000
	Sound power level		dB(A)	70	70
	Sound pressure level		dB(A)	53	54
Installation	External dimensions(W/D/H)		mm	860/308/730	948/340/840
	Shipping dimensions(W/D/H)		mm	995/420/815	1040/430/1000
	Net/Shipping weight		kg	50.2/54.4	64/73
	Compressor type			Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A
	GWP			2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88
	Max pipe length		m	30	30
	Max drop between I.U.&O.U		m	20	20
	Refrigerant load in factory		kg	2	2.5
	Maximum pipe length without charge refrigerant		m	7	20
	Refrigerant charge quantity for extra length		g/m	45	45
Working temp.	Cooling(Min-Max)		°C	-10~46	-10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	/	-25~46
	Heating(Min-Max)		°C	-15~24	-15~24

Convertible Type



AC48FS1ERA(S)
AC48FS1ERA(S)
AC60FS1ERA(S)
AC60FS1ERA(S)



MODEL	Indoor unit			AC48FS1ERA(S)	AC48FS1ERA(S)	AC60FS1ERA(S)	AC60FS1ERA(S)
	Outoor unit			1U48LS1ERA(S)	1U48LS1ERB(S)	1U60IS2ERB(S)	1U60IS1ERB(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	42650	42650	47750	52900
			kW nor(min-max)	12.5(6.0~14.5)	12.5(6.0~14.5)	14.0(6.0~15.0)	15.5(4.0~16)
		Heating	Btu/h (nor)	48100	48100	51150	56300
			kW nor(min-max)	14.1(6.0~16.5)	14.1(6.0~16.5)	15.0(6.0~17.0)	16.5(4.0~18.0)
	Rated power input	Cooling	kW nom(min-max)	3.89(2.0~6.0)	3.89(2.0~6.0)	4.34(2.0~6.0)	5.13(2.0~6.5)
		Heating	kW nom(min-max)	4.1(2.0~6.0)	4.1(2.0~6.0)	4.14(2.0~6.0)	4.83(2.0~6.5)
	EER/COP			3.21/3.44	3.21/3.44	3.23/3.62	3.02/3.42
Seasonal performance data	Cooling P design(35°C)		kW	12.5	12.5	/	/
	Heating P design(-10°C)		kW	9	9	/	/
	SEER/SCOP			5.6/3.4	5.6/3.4	/	/
	Energy class(Cooling/Heating)			A+/A	A+/A	/	/
	Annual energy consumption(Cooling)		kW	/	/	/	/
	Annual energy consumption(Heating)		kW	/	/	/	/
INDOOR UNIT							
Electrical parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m^3/h	2000/1800/1400	2000/1800/1400	2000/1800/1400	2000/1800/1400
	Sound power level(H/M/L)		dB(A)	66	66	66	66
	Sound pressure level(H/M/L)		dB(A)	49/47/45	49/47/45	49/47/45	49/47/45
Installation	External dimensions(W/D/H)		mm	1580/700/240	1580/700/240	1580/700/240	1580/700/240
	Shipping dimensions(W/D/H)		mm	1710/790/315	1710/790/315	1710/790/315	1710/790/315
	Net/Shipping weight		kg	54/61	54/61	54/61	54/61
	Controller		standard	YR-HD	YR-HD	YR-HD	YR-HD
			optional	Please refer to control system in catalogue			
OUTDOOR UNIT							
Electrical parameters	Power supply		Ph/V/Hz	1/220~230/50/60	3/380~400/50	3/380~400/50	3/380~400/50/60
Performance	Air flow (H)		m^3/h	4200	4200	6000	6500
	Sound power level		dB(A)	73	73	73	74
	Sound pressure level		dB(A)	59	59	60	61
Installation	External dimensions(W/D/H)		mm	1008/410/830	1008/410/830	948/340/1250	948/340/1250
	Shipping dimensions(W/D/H)		mm	1142/498/1000	1142/498/1000	1095/410/1400	1095/410/1400
	Net/Shipping weight		kg	82/93	82/93	91/101	96/106
	Compressor type			Twin rotary	Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A	R410A
	GWP			2088	2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52	9.52
	Refrigerant gas pipe		mm	19.05	19.05	19.05	19.05
	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	2.85	2.85	3.3	3.3
	Maximum pipe length without charge refrigerant		m	20	20	20	20
	Refrigerant charge quantity for extra length		g/m	45	45	45	45
Working temp.	Cooling(Min-Max)		°C	-25~46	10~46	10~46	-25~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	-25~46	/	/	-25~46
	Heating(Min-Max)		°C	-15~24	-15~24	-15~24	-15~24





Elegant and Fashionable Design

- Big-wave shape on both sides to embody multiple levels design, Ultra thin visually;



Brand-new Old One

- Appearance without screw, easy care;



Brand-new

Old One

KEY FEATURE

Super Comfort

- 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 °;







- Intelligent sensor (optional)



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



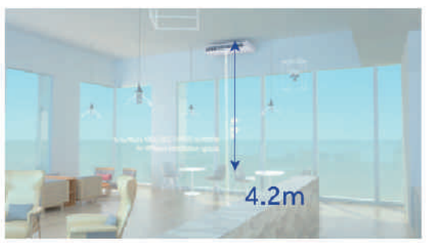
- Minimum Sound Pressure level (7.1Kw)up to 34dB(A)leading in the industry;



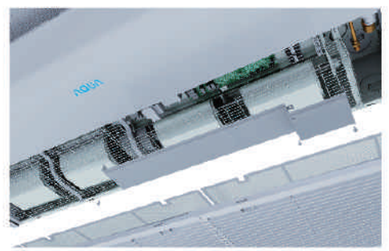


Easy Installation & Maintenance

- Turbo mode 4.2m(12.5/14KW) which is convenience for installation choice



- Easy to wire and maintain PCB: Simply Open the grille to make it;



Convertible



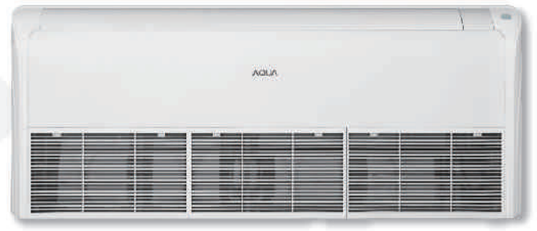
AC71S2SG1FA*
AC90S2SH1FA*
AC105S2SH1FA*



MODEL	Indoor unit			AC71S2SG1FA*	AC90S2SH1FA*	AC105S2SH1FA*
	Outoor unit			1U24GS1ERA	1U28GS2ERA(S)	1U36HS1ERA(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	24000	30700	32400
			kW nor(min-max)	7.1(2.0~8.2)	8.5(2.5~9.0)	9.5(2.2~11.0)
		Heating	Btu/h (nor)	25600	32400	34100
			kW nor(min-max)	7.5(2.5~8.5)	9.5(3.0~9.5)	10.0(2.2~11.8)
	Rated power input	Cooling	kW nom(min-max)	2.16(0.5~2.6)	2.79(0.6~3.1)	2.77(0.5~4.3)
		Heating	kW nom(min-max)	2.08(0.5~2.6)	2.56(0.6~3.1)	2.94(0.5~4.3)
	EER/COP			3.01/3.41	3.23/3.71	3.61/3.61
Seasonal performance data	Cooling P design(35°C)		kW	6.5	8.5	10
	Heating P design(-10°C)		kW	5	7.2	8.1
	SEER/SCOP			5.1/3.8	5.6/3.8	5.6/3.8
	Energy class(Cooling/Heating)			A/A	A+/A	A+/A
	Annual energy consumption(Cooling)		kW	489	/	655
	Annual energy consumption(Heating)		kW	2127	/	3129
INDOOR UNIT						
Electrical parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~240/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m³/h	800/720/650	1400/1300/1180/1060	1630/1537/1375
	Sound power level(H/M/L)		dB(A)	62	63	63
	Sound pressure level(H/M/L)		dB(A)	44/42/39	43/40/37/34	47/43/41
Installation	External dimensions(W/D/H)		mm	1325/230/680	1325/230/680	1325/230/680
	Shipping dimensions(W/D/H)		mm	1425/305/779	1425/305/779	1425/305/779
	Net/Shipping weight		kg	26/28	40/46	40/46
	Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01
			optional	Please refer to control system in catalogue		
OUTDOOR UNIT						
Electrical parameters	Power supply		Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
Performance	Air flow (H)		m³/h	3000	3000	4000
	Sound power level		dB(A)	70	70	70
	Sound pressure level		dB(A)	53	56	54
Installation	External dimensions(W/D/H)		mm	860/308/730	860/308/730	948/340/840
	Shipping dimensions(W/D/H)		mm	995/420/815	995/420/815	1040/430/1000
	Net/Shipping weight		kg	49/52	50.2/54.4	64/73
	Compressor type			Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88	15.88
	Max pipe length		m	30	30	30
	Max drop between I.U.&O.U		m	20	20	20
	Refrigerant load in factory		kg	1.6	2	2.5
	Maximum pipe length without charge refrigerant		m	7	7	20
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-10~46	-10~46	-10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	-25~46	/	-25~46
	Heating(Min-Max)		°C	-15~24	-15~24	-15~24

* Data is pending;

AC125S2SK1FA*
AC125S2SK1FA*
AC140S2SK1FA*





MODEL	Indoor unit			AC125S2SK1FA*	AC125S2SK1FA*	AC140S2SK1FA*
	Outoor unit			1U48LS1ERA(S)	1U48LS1ERB(S)	1U60IS2ERB(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	42650	42650	45700
			kW nor(min-max)	12.5(6.0~14.5)	12.5(6.0~14.5)	13.4(6.0~15.0)
		Heating	Btu/h (nor)	48100	48100	51150
			kW nor(min-max)	14.1(6.0~16.5)	14.1(6.0~16.5)	14.5(6.0~17.0)
	Rated power input	Cooling	kW nom(min-max)	3.89(2.0~6.0)	3.89(2.0~6.0)	4.46(2.0~6.0)
		Heating	kW nom(min-max)	4.1(2.0~6.0)	4.1(2.0~6.0)	4.00(2.0~6.0)
	EER/COP			3.21/3.44	3.21/3.44	3.0/3.62
Seasonal performance data	Cooling P design(35°C)		kW	12.5	12.5	/
	Heating P design(-10°C)		kW	9	9	/
	SEER/SCOP			5.6/3.4	5.6/3.4	/
	Energy class(Cooling/Heating)			/	/	/
	Annual energy consumption(Cooling)		kW	/	/	/
	Annual energy consumption(Heating)		kW	/	/	/
INDOOR UNIT						
Electrical parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m³/h	2000/1800/1400	2000/1800/1400	2000/1800/1400
	Sound power level(H/M/L)		dB(A)	64	64	66
	Sound pressure level(H/M/L)		dB(A)	49/47/45	49/47/45	49/47/45
Installation	External dimensions(W/D/H)		mm	1650/230/680	1650/230/680	1650/230/680
	Shipping dimensions(W/D/H)		mm	1750/305/779	1750/305/779	1750/305/779
	Net/Shipping weight		kg	44/50	44/50	44/50
	Controller		optional	YR-HBS01	YR-HBS01	YR-HBS01
			optional	Please refer to control system in catalogue		
OUTDOOR UNIT						
Electrical parameters	Power supply		Ph/V/Hz	1/220-230/50/60	3/380-400/50	3/380-400/50
Performance	Air flow (H)		m³/h	4200	4200	6000
	Sound power level		dB(A)	73	73	73
	Sound pressure level		dB(A)	59	59	60
Installation	External dimensions(W/D/H)		mm	1008/410/830	1008/410/830	948/340/1250
	Shipping dimensions(W/D/H)		mm	1142/498/1000	1142/498/1000	1095/410/1400
	Net/Shipping weight		kg	82/93	82/93	91/101
	Compressor type			Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	19.05	19.05	19.05
	Max pipe length		m	50	50	50
	Max drop between I.U.&O.U		m	30	30	30
	Refrigerant load in factory		kg	2.85	2.85	3.3
	Maximum pipe length without charge refrigerant		m	20	20	20
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-25~46	10~46	10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	-25~46	/	/
	Heating(Min-Max)		°C	-15~24	-15~24	-15~24

* Data is pending;



Design Flexibility

Super thin design

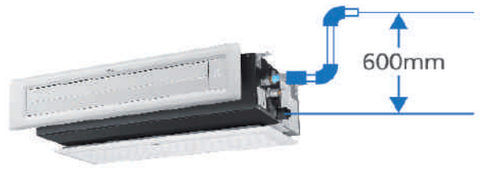
The height of slim low pressure duct unit is 185mm only , which is advanced in the industry and make the silmmest ceiling drop.



KEY FEATURE

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 ;



Left or right drain outlet

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



Comfort

Super silent

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



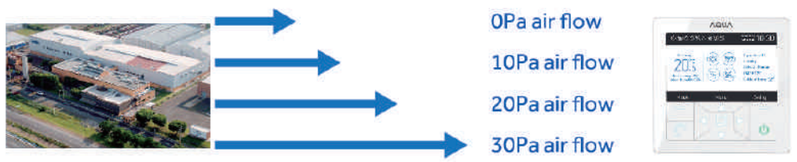
3D Airflow Grille

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



Adjusted ESP by Wired Controller

We takes DC fan motor design , ESP can be adjusted by wired controller YR-E17/YR-E16A, so installer don't need to climb the ladders to adjust ESP; There are 4 steps ESP can be adjusted by wired controller , represent for : 0/10/20/30 pa ;



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

Low Pressure Slim Duct



AD12SS1ERA(N)



MODEL	Standard Indoor unit(drain pump excluded)			AD12SS1ERA(N)
	Optional Indoor unit(drain pump included)			AD12SS1ERA(N)(P)
	Outoor unit			1U12BS3ERA
Nominal performance data	Capacity	Cooling	Btu/h (nor)	12000
			kW nominal(min-max)	3.50(0.9~4.5)
		Heating	Btu/h (nor)	13700
			kW nominal(min-max)	4.00(1~4.8)
	Rated power input	Cooling	kW nom(min-max)	1.03(0.28~1.8)
		Heating	kW nom(min-max)	1.07(0.28~1.8)
	EER/COP			3.39/3.73
Seasonal performance data	Cooling P design(35°C)		kW	3.5
	Heating P design(-10°C)		kW	3
	SEER/SCOP			5.6/3.8
	Energy class(Cooling/Heating)			A+/A
	Annual energy consumption(Cooling)		kW	241
	Annual energy consumption(Heating)		kW	1427
INDOOR UNIT				
Electrical Parameters	Power supply		Ph/V/Hz	1/220~230/50/60
Performance	Air flow(H/M/L)		m^3/h	600/480/420
	External static pressure		Pa	0/10/20/30
	Sound power level(H/M/L)		dB(A)	52
	Sound pressure level(H/M/L)		dB(A)	33/28/25
Installation	External dimensions(W/D/H)		mm	850/420/185
	Shipping dimensions(W/D/H)		mm	1025/525/260
	Net/Shipping weight		kg	16/21
	Controller		standard	YR-E17
			optional	Please refer to control system in catalogue
Panel	Panel Model			P1B-890IA/D
	External dimensions(W/D/H)		mm	890/190/100(outlet panel) /890/290.5/32.4(inlet panel)
	Shipping dimensions(W/D/H)		mm	938/335/220
	Net/Shipping weight		kg	4/5
OUTDOOR UNIT				
Electrical parameters	Power supply		Ph/V/Hz	1/230/50
Performance	Air flow (H)		m^3/h	1700
	Sound power level		dB(A)	62/63
	Sound pressure level		dB(A)	52/53
Installation	External dimensions(W/D/H)		mm	780/245/540
	Shipping dimensions(W/D/H)		mm	930/340/614
	Net/Shipping weight		kg	32.5/35.5
	Compressor type			Rotary
	Refrigerant type			R410A
	GWP			2088
	Refrigerant liquid pipe		mm	6.35
	Refrigerant gas pipe		mm	9.52
	Max pipe length		m	15
	Max drop between I.U.&O.U		m	10
	Refrigerant load in factory		kg	1.2
	Maximum pipe length without charge refrigerant		m	5
	Refrigerant charge quantity for extra length		g/m	45
Working temp.	Cooling(Min-Max)		°C	-10~43
	Low ambient Cooling(Min-Max) with compressor heater		°C	/
	Heating(Min-Max)		°C	-15~24

AD18SS1ERA(N)
AD24SS1ERA(N)





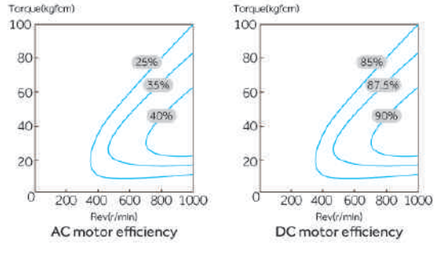
MODEL	Standard Indoor unit(drain pump excluded)			AD18SS1ERA(N)	AD24SS1ERA(N)
	Optional Indoor unit(drain pump included)			AD18SS1ERA(N)(P)	AD24SS1ERA(N)(P)
	Outoor unit			1U18FS2ERA(S)	1U24GS1ERA
Nominal performance data	Capacity	Cooling	Btu/h (nor)	17000	24200
			kW nominal(min-max)	5.0(1.8~6)	7.1(2~7.6)
		Heating	Btu/h (nor)	18800	24200
			kW nominal(min-max)	5.5(2~6.2)	7.1(3~8.3)
	Rated power input	Cooling	kW nom(min-max)	1.53(0.55~2.1)	2.19(0.6~2.6)
		Heating	kW nom(min-max)	1.47(0.6~2.1)	1.91(0.6~2.6)
	EER/COP			3.26/3.73	3.24/3.72
Seasonal performance data	Cooling P design(35°C)		kW	5	7.1
	Heating P design(-10°C)		kW	5.5	6.5
	SEER/SCOP			5.6/4	5.6/4
	Energy class(Cooling/Heating)			A+/A+	A+/A+
	Annual energy consumption(Cooling)		kW	315	446
	Annual energy consumption(Heating)		kW	1961	2089
INDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m^3/h	900/750/600	1000/850/750
	External static pressure		Pa	0/10/20/30	0/10/20/30
	Sound power level(H/M/L)		dB(A)	54	57
	Sound pressure level(H/M/L)		dB(A)	36/34/32	38/35/33
Installation	External dimensions(W/D/H)		mm	1170/420/185	1170/420/185
	Shipping dimensions(W/D/H)		mm	1365/540/270	1365/540/270
	Net/Shipping weight		kg	22/28	24/30
	Controller		standard	YR-E17	YR-E17
			optional	Please refer to control system in catalogue	
Panel	Panel Model			P1B-1210IA/D	P1B-1210IA/D
	External dimensions(W/D/H)		mm	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	1258/335/220	1258/335/220
	Net/Shipping weight		kg	5/6	5/6
OUTDOOR UNIT					
Electrical parameters	Power supply		Ph/V/Hz	1/230/50	1/220~230/50/60
Performance	Air flow (H)		m^3/h	2200	3000
	Sound power level		dB(A)	63/64	70
	Sound pressure level		dB(A)	53/54	53
Installation	External dimensions(W/D/H)		mm	810/288/688	860/308/730
	Shipping dimensions(W/D/H)		mm	949/406/745	995/420/815
	Net/Shipping weight		kg	43/45.5	49/52
	Compressor type			Rotary	Twin rotary
	Refrigerant type			R410A	R410A
	GWP			2088	2088
	Refrigerant liquid pipe		mm	6.35	9.52
	Refrigerant gas pipe		mm	12.7	15.88
	Max pipe length		m	25	30
	Max drop between I.U.&O.U		m	15	20
	Refrigerant load in factory		kg	1.3	1.6
	Maximum pipe length without charge refrigerant		m	5	7
	Refrigerant charge quantity for extra length		g/m	45	45
Working temp.	Cooling(Min-Max)		°C	-10~43	-10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	/	-25~46
	Heating(Min-Max)		°C	-15~24	-15~24



High Efficiency

DC fan motor

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



Comfort Air

High efficiency filter

Filter is with anti mould function, avoid the bad smell after long time operation;

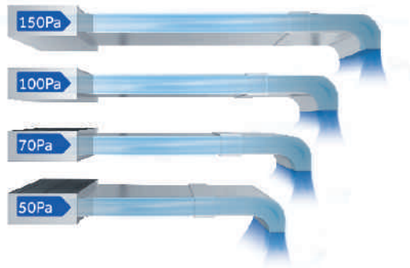


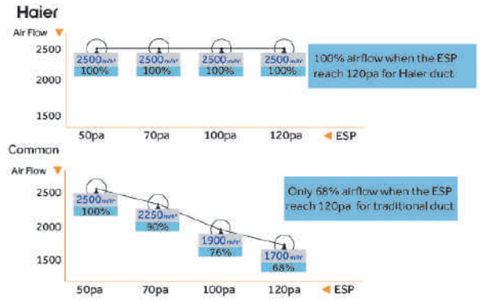
KEY FEATURE

Comfortable

Consistent airflow

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





Flexible Design

Super slim

248mm of thickness for better installation application flexibility(for 7.1kW-14kW).



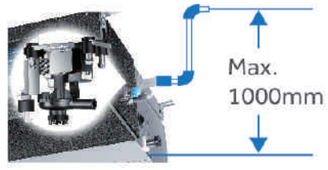
Return air choices

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



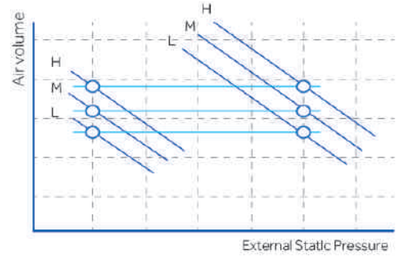
High lift-up drain pump

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



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;



Easy Installation

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 ;



Medium Pressure Duct(150Pa)



AD71S2SM3FA*
AD90S2SM3FA*
AD105S2SM3FA*



MODEL	Standard Indoor unit(With drain pump)			AD71S2SM3FA*	AD90S2SM3FA*	AD105S2SM3FA*
	Standard Indoor unit(Without drain pump)			AD71S2SM4FA*	AD90S2SM4FA*	AD105S2SM4FA*
	Outoor unit			1U24GS1ERA	1U28GS2ERA(S)	1U36HS1ERA(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	24000	30700	34000
			kW nominal(min-max)	7.1(2.0~8.2)	9(2.5~9.0)	10.0(2.2~11.0)
		Heating	Btu/h (nor)	25600	32400	36100
			kW nominal(min-max)	7.5(2.5~8.5)	9.5(3.0~9.5)	11.0(2.2~12.0)
	Rated power input	Cooling	kW nom(min-max)	2.19(0.6~2.6)	2.79(0.6~3.1)	3.29(0.5~4.3)
		Heating	kW nom(min-max)	2.02(0.6~2.6)	2.56(0.6~3.1)	3.05(0.5~4.3)
	EER/COP			3.23/3.71	3.23/3.71	3.23/3.71
Seasonal performance data	Cooling P design(35°C)		kW	7.1	8	10
	Heating P design(-10°C)		kW	6	7.2	8.1
	SEER/SCOP			6.1/3.8	6.1/3.8	6.1/3.8
	Energy class(Cooling/Heating)			A++/A	A++/A	A++/A
	Annual energy consumption(Cooling)		kW	415	532	666
	Annual energy consumption(Heating)		kW	2013	2550	3012
INDOOR UNIT						
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m³/h	1440/1260/1100/900	1440/1260/1100/900	1600/1480/1360/1240
	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
	Sound power level(H/M/L)		dB(A)	58	58	62
	Sound pressure level(H/M/L)		dB(A)	37/35/33/30	37/35/33/30	39/36/33/31
Installation	External dimensions(W/D/H)		mm	1100/700*248	1100/700/248	1500/700/248
	Shipping dimensions(W/D/H)		mm	1270/860*340	1270/860/340	1710/865/320
	Net/Shipping weight		kg	32/37	32/37	35/40
	Controller		optional	YR-E17	YR-E17	YR-E17
			optional			
OUTDOOR UNIT						
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H)		m³/h	3000	3000	4000
	Sound power level		dB(A)	70	70	70
	Sound pressure level		dB(A)	53	53	54
Installation	External dimensions(W/D/H)		mm	860/308/730	860/308/730	948/340/840
	Shipping dimensions(W/D/H)		mm	995/420/815	995/420/815	1040/430/1000
	Net/Shipping weight		kg	49/52	50.2/54.4	64/73
	Compressor type			Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88	15.88
	Max pipe length		m	30	30	30
	Max drop between I.U.&O.U		m	20	20	20
	Refrigerant load in factory		kg	1.6	2	2.5
	Maximum pipe length without charge refrigerant		m	7	7	20
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-10~46	-10~46	-10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	-25~46	/	-25~46
	Heating(Min-Max)		°C	-15~24	-15~24	-15~24

* Data is pending;

AD125S2SM3FA*
AD125S2SM3FA*
AD140S2SM3FA*





MODEL	Standard Indoor unit(With drain pump)			AD125S2SM3FA*	AD125S2SM3FA*	AD140S2SM3FA*
	Standard Indoor unit(Without drain pump)			AD125S2SM4FA*	AD125S2SM4FA*	AD140S2SM4FA*
	Outoor unit			1U48LS1ERA(S)	1U48LS1ERB(S)	1U60IS2ERB(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	42600	42600	45700
			kW nominal(min-max)	12.5(6.0~14.5)	12.5(6.0~14.5)	13.4(3.5~16.0)
		Heating	Btu/h (nor)	46700	46700	52850
			kW nominal(min-max)	13.7(6.0~16.5)	13.7(6.0~16.5)	15.5(4.0~19.0)
	Rated power input	Cooling	kW nom(min-max)	3.89(2.0~6.0)	3.89(2.0~6.0)	4.32(1.0~6.5)
		Heating	kW nom(min-max)	4.03(2.0~6.0)	4.03(2.0~6.0)	4.18(1.2~6.5)
	EER/COP			3.21/3.4	3.21/3.4	3.1/3.21
Seasonal performance data	Cooling P design(35°C)		kW	12.1	12.1	13.4
	Heating P design(-10°C)		kW	9	9	10
	SEER/SCOP			6.1/3.8	6.1/3.8	6.1/3.8
	Energy class(Cooling/Heating)			/	/	/
	Annual energy consumption(Cooling)		kW	/	/	/
	Annual energy consumption(Heating)		kW	/	/	/
INDOOR UNIT						
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m³/h	2250/1960/1680/1500	2250/1960/1680/1500	2500/2160/1780/1500
	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
	Sound power level(H/M/L)		dB(A)	62	62	64
	Sound pressure level(H/M/L)		dB(A)	39/36/33/31	39/36/33/31	41/36/33/31
Installation	External dimensions(W/D/H)		mm	1500/700/248	1500/700/248	1500/700/248
	Shipping dimensions(W/D/H)		mm	1710/865/320	1710/865/320	1710/865/320
	Net/Shipping weight		kg	52/63	52/63	52/63
	Controller		optional	YR-E17	YR-E17	YR-E17
			optional			
OUTDOOR UNIT						
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	3/380~400/50	3/380~400/50
Performance	Air flow (H)		m³/h	4200	4200	4200
	Sound power level		dB(A)	73	73	73
	Sound pressure level		dB(A)	59	59	59
Installation	External dimensions(W/D/H)		mm	1008/410/830	1008/410/830	1008/410/830
	Shipping dimensions(W/D/H)		mm	1142/498/1000	1142/498/1000	1142/498/1000
	Net/Shipping weight		kg	82/93	82/93	82/93
	Compressor type			Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	19.05	19.05	19.05
	Max pipe length		m	50	50	50
	Max drop between I.U.&O.U		m	30	30	30
	Refrigerant load in factory		kg	2.85	2.85	2.85
	Maximum pipe length without charge refrigerant		m	20	20	20
	Refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min-Max)		°C	-25~46	10~46	10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	-25~46	/	/
	Heating(Min-Max)		°C	-15~24	-15~24	-15~24

* Data is pending;

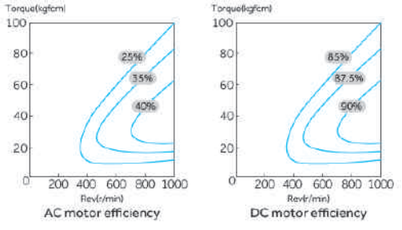


High Efficiency

DC fan motor

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

Comfort Air



Comfort Air

High efficiency filter

Filter is with anti mould function , avoid the bad smell after long time operation;



KEY FEATURE

Design Friendly

External static pressure : 100Pa

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



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;



Design Flexibility

Rear or bottom air return

*Rear air return (standard) / Bottom air return (change on site)



Easy Installation

Four steps pressure choice

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



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 ;



Medium Pressure Duct(100Pa)



AD12MS1ERA
AD18MS1ERA



MODEL	Standard Indoor unit(With drain pump)			AD12MS1ERA	AD18MS1ERA
	Standard Indoor unit(Without drain pump)				
	Outoor unit			1U12BS3ERA	1U18FS2ERA(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	12000	17000
			kW nominal(min-max)	3.50(0.9~4.5)	5.0(1.8~6)
		Heating	Btu/h (nor)	13700	18800
			kW nominal(min-max)	4.00(1~4.8)	5.5(2~6.2)
	Rated power input	Cooling	kW nom(min-max)	1.08(0.28~1.8)	1.55(0.55~2.0)
		Heating	kW nom(min-max)	1.08(0.28~1.8)	1.48(0.6~2.0)
	EER/COP			3.23/3.71	3.23/3.71
Seasonal performance data	Cooling P design(35°C)		kW	3.5	5
	Heating P design(-10°C)		kW	2.7	4.5
	SEER/SCOP			6.1/4	6.1/4
	Energy class(Cooling/Heating)			A++/A+	A++/A+
	Annual energy consumption(Cooling)		kW	215	291
	Annual energy consumption(Heating)		kW	1020	1782
INDOOR UNIT					
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H/M/L)		m³/h	550/460/400	920/750/580
	External static pressure		Pa	10/30(default)/50/70	10/30(default)/50/70
	Sound power level (H/M/L)		dB(A)	56	57
	Sound pressure level (H/M/L)		dB(A)	36/33/29	37/34/30
Installation	External dimensions(W/D/H)		mm	672/655/250	957/655/250
	Shipping dimensions(W/D/H)		mm	920/820/340	1170/860/340
	Net/Shipping weight		kg	21.8/26	25.5/33
	Controller		standard	YR-E17	YR-E17
			optional	Please refer to control system in catalogue	
OUTDOOR UNIT					
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H)		m³/h	1700	2200
	Sound power level		dB(A)	62/63	63/64
	Sound pressure level		dB(A)	52/53	53/54
Installation	External dimensions(W/D/H)		mm	780/245/540	810/288/688
	Shipping dimensions(W/D/H)		mm	930/340/614	949/406/745
	Net/Shipping weight		kg	32.5/35.5	43/45.5
	Compressor type			Rotary	Rotary
	Refrigerant type			R410A	R410A
	GWP			2088	2088
	Refrigerant liquid pipe		mm	6.35	6.35
	Refrigerant gas pipe		mm	9.52	12.7
	Max pipe length		m	15	25
	Max drop between I.U.&O.U		m	10	15
	refrigerant load in factory		kg	1.2	1.3
	Maximum pipe length without charge refrigerant		m	5	5
	refrigerant charge quantity for extra length		g/m	45	45
Working temp.	Cooling(Min~Max)		°C	-10~43	-10~43
	Low ambient Cooling(Min~Max) with compressor heater		°C	/	/
	Heating(Min~Max)		°C	-15~24	-15~24

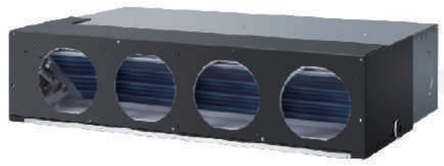
AD24MS2ERA
AD28MS2ERA(S)





MODEL	Standard Indoor unit(With drain pump)			AD24MS2ERA	AD28MS2ERA(S)
	Standard Indoor unit(Without drain pump)			AD24MS2ERA(D)	AD28MS3ERA(S)(D)
	Outoor unit			1U24GS1ERA	1U28GS2ERA(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	24000	27300
			kW nominal(min-max)	7.1(2.0~8.2)	8(2.5~9.0)
		Heating	Btu/h (nor)	27300	30700
			kW nominal(min-max)	8(2.5~8.5)	9.0(3.0~9.5)
	Rated power input	Cooling	kW nom(min-max)	2.19(0.6~2.6)	2.48(0.6~3.1)
		Heating	kW nom(min-max)	2.16(0.6~2.6)	2.42(0.6~3.1)
	EER/COP			3.01/3.21	3.21/3.71
Seasonal performance data	Cooling P design(35°C)		kW	7.1	8
	Heating P design(-10°C)		kW	6	7.2
	SEER/SCOP			5.6/3.8	5.6/3.8
	Energy class(Cooling/Heating)			A+/A	A+/A
	Annual energy consumption(Cooling)		kW	415	532
	Annual energy consumption(Heating)		kW	2013	2550
INDOOR UNIT					
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H/M/L)		m³/h	1300/1100/900	1300/1100/900
	External static pressure		Pa	10/30(default)/50/70	10/30(default)/50/70
	Sound power level (H/M/L)		dB(A)	58	60
	Sound pressure level (H/M/L)		dB(A)	42/38/35	44/41/39
Installation	External dimensions(W/D/H)		mm	957/655/250	957/655/250
	Shipping dimensions(W/D/H)		mm	1170/860/340	1170/860/340
	Net/Shipping weight		kg	31/36	31/36
	Controller		standard	YR-E17	YR-E17
			optional	Please refer to control system in catalogue	
OUTDOOR UNIT					
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H)		m³/h	3000	3000
	Sound power level		dB(A)	70	70
	Sound pressure level		dB(A)	55	56
Installation	External dimensions(W/D/H)		mm	860/308/730	860/308/730
	Shipping dimensions(W/D/H)		mm	995/420/815	995/420/815
	Net/Shipping weight		kg	49/52	50.2/54.4
	Compressor type			Rotary	Twin rotary
	Refrigerant type			R410A	R410A
	GWP			2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52
	Refrigerant gas pipe		mm	15.88	15.88
	Max pipe length		m	30	30
	Max drop between I.U.&O.U		m	20	20
	refrigerant load in factory		kg	1.6	2
	Maximum pipe length without charge refrigerant		m	7	7
	refrigerant charge quantity for extra length		g/m	45	45
Working temp.	Cooling(Min~Max)		°C	-10~46	-10~46
	Low ambient Cooling(Min~Max) with compressor heater		°C	-25~46	/
	Heating(Min~Max)		°C	-15~24	-15~24

Medium Pressure Duct(100Pa)



AD36NS1ERA(S)
AD48NS1ERA(S)
AD48NS1ERA(S)



MODEL	Standard Indoor unit(With drain pump)			AD36NS1ERA(S)	AD48NS1ERA(S)	AD48NS1ERA(S)
	Standard Indoor unit(Without drain pump)					
	Outoor unit			1U36HS1ERA(S)	1U48LS1ERA(S)	1U48LS1ERB(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	34000	41300	41300
			kW nominal(min-max)	10.0(2.2~11.0)	12.1(6.0~14.5)	12.1(6.0~14.5)
		Heating	Btu/h (nor)	36100	48100	48100
			kW nominal(min-max)	11.0(2.2~12.0)	14.1(6.0~16.5)	14.1(6.0~16.5)
	Rated power input	Cooling	kW nom(min-max)	3.29(0.5~4.3)	4.30(2.0~6.0)	4.30(2.0~6.0)
		Heating	kW nom(min-max)	3.05(0.5~4.3)	4.39(2.0~6.0)	4.39(2.0~6.0)
	EER/COP			3.01/3.6	2.81/3.21	2.81/3.21
Seasonal performance data	Cooling P design(35°C)		kW	10	12.1	12.1
	Heating P design(-10°C)		kW	8.1	9	9
	SEER/SCOP			5.6/3.8	5.1/3.4	5.1/3.4
	Energy class(Cooling/Heating)			A+/A	A/A	A/A
	Annual energy consumption(Cooling)		kW	666	/	/
	Annual energy consumption(Heating)		kW	3012	/	/
INDOOR UNIT						
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H/M/L)		m³/h	1630/1488/1421	2090/1970/1792	2090/1970/1792
	External static pressure		Pa	50(default)/100	50(default)/100	50(default)/100
	Sound power level (H/M/L)		dB(A)	64	66	66
	Sound pressure level (H/M/L)		dB(A)	48/46/42	46/44/41	46/44/41
Installation	External dimensions(W/D/H)		mm	1135/742/270	1135/742/270	1135/742/270
	Shipping dimensions(W/D/H)		mm	1357/856/373	1357/856/373	1357/856/373
	Net/Shipping weight		kg	34/39	52/55	52/55
	Controller		standard	YR-E17	YR-E17	YR-E17
			optional	Please refer to control system in catalogue		
OUTDOOR UNIT						
Elec. parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	3/380~400/50
Performance	Air flow (H)		m³/h	4000	4200	4200
	Sound power level		dB(A)	70	73	73
	Sound pressure level		dB(A)	54	59	59
Installation	External dimensions(W/D/H)		mm	948/340/840	1008/410/830	1008/410/830
	Shipping dimensions(W/D/H)		mm	1040/430/1000	1142/498/1000	1142/498/1000
	Net/Shipping weight		kg	64/73	82/93	82/93
	Compressor type			Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A
	GWP			2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52
	Refrigerant gas pipe		mm	15.88	19.05	19.05
	Max pipe length		m	30	50	50
	Max drop between I.U.&O.U		m	20	30	30
	refrigerant load in factory		kg	2.5	2.85	2.85
	Maximum pipe length without charge refrigerant		m	20	20	20
	refrigerant charge quantity for extra length		g/m	45	45	45
Working temp.	Cooling(Min~Max)		°C	-10~46	-25~46	10~46
	Low ambient Cooling(Min~Max) with compressor heater		°C	-25~46	-25~46	/
	Heating(Min~Max)		°C	-15~24	-15~24	-15~24





Design Flexibility

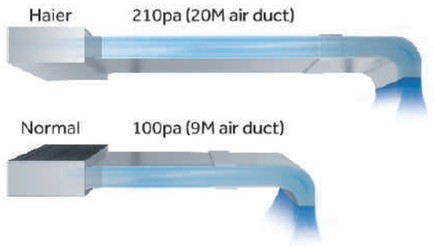
Super high airflow

New DC fan motor and large length & diameter fan design ,provide the 2880 m³/h (800l/s) above air flow with 250m³/h/kW (70L/s/kW) ,which is 44% more than medium pressure duct unit.

Capacity	Medium pressure duct airflow(m³/h)	High pressure duct airflow(m3/h)	Promotion
10.0kW	2000	2880	44%
12.5kW	2250	3250	44%
14.0kW	2500	3600	44%

210Pa pressure setting

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

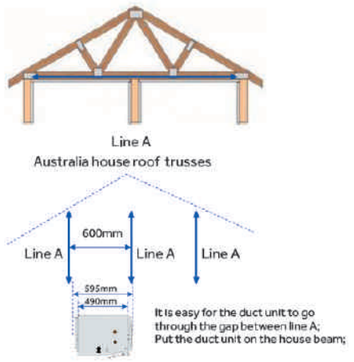


KEY FEATURE

Easy Installation

Narrow width

Only 490mm depth can meet the Australia compact roof trusses, easy for installer lifting the unit.



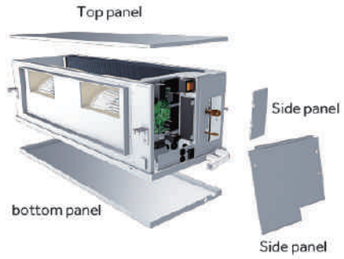
Three side open the panel

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;



Dedicated place to fix the wifi

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



10 step adjusted Pressure

Pressure can be adjusted by wired controller YR-E16A/ YR-E16B / YR-E17, installer don't need to install the static box, save installation time;



Energy Efficiency

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.

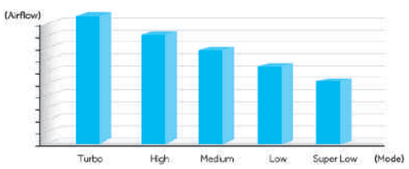
Capacity	EER	COP
10.0kW	3.5	3.7
12.5kW	3.5	3.6
14.0kW	3.4	3.6

Comfort & Convenience

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.



Wifi control

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



High Pressure Duct(210Pa)



ADH125H1ERG*
ADH125H1ERG*



MODEL	Indoor unit			ADH125H1ERG*	ADH125H1ERG*
	Outoor unit			1U48LS1ERA(S)	1U48LS1ERB(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	42650	42650
			kW nominal(min-max)	12.5(6.0~14.5)	12.5(6.0~14.5)
		Heating	Btu/h (nor)	48100	48100
			kW nominal(min-max)	14.1(6.0~16.5)	14.1(6.0~16.5)
	Rated power input	Cooling	kW nom(min-max)	4.40(2.0~6.0)	4.40(2.0~6.0)
		Heating	kW nom(min-max)	3.90(2.0~6.0)	3.90(2.0~6.0)
	EER/COP			2.84/3.62	2.84/3.62
	Cooling P design(35°C)		kW	12.5	12.5
Seasonal performance data	Heating P design(-10°C)		kW	9	9
	SEER/SCOP			5.1/3.4	5.1/3.4
	Energy class(Cooling/Heating)			/	/
	Annual energy consumption(Cooling)		kW	/	/
	Annual energy consumption(Heating)		kW	/	/
INDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220-230/50/60	1/220-230/50/60
Performance	Air flow(H/M/L)		m^3/h	2580/2070/1560	2580/2070/1560
	External static pressure		Pa	37/50/70/90/110/130/150/170/190/210	37/50/70/90/110/130/150/170/190/210
	Sound power level(H/M/L)		dB(A)	65	65
	Sound pressure level(H/M/L)		dB(A)	45/41/37	45/41/37
	External dimensions(W/D/H)		mm	1197/830/360	1197/830/360
Installation	Shipping dimensions(W/D/H)		mm	1378/938/405	1378/938/405
	Net/Shipping weight		kg	68/75	68/75
	Controller		optional	YR-E17	YR-E17
			optional	Please refer to control system in catalogue	
OUTDOOR UNIT					
Electrical Parameters	Power supply		Ph/V/Hz	1/220-230/50/60	3/380-400/50
Performance	Air flow (H)		m^3/h	4200	4200
	Sound power level		dB(A)	73	73
	Sound pressure level		dB(A)	59	59
Installation	External dimensions(W/D/H)		mm	1008/410/830	1008/410/830
	Shipping dimensions(W/D/H)		mm	1142/498/1000	1142/498/1000
	Net/Shipping weight		kg	82/93	82/93
	Compressor type			Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A
	GWP			2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52
	Refrigerant gas pipe		mm	19.05	19.05
	Max pipe length		m	50	50
	Max drop between I.U.&O.U		m	30	30
	Refrigerant load in factory		kg	2.85	2.85
	Maximum pipe length without charge refrigerant		m	20	20
	Refrigerant charge quantity for extra length		g/m	45	45
Working temp.	Cooling(Min-Max)		°C	-25~46	10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	-25~46	/
	Heating(Min~Max)		°C	-15~24	-15~24

* Data is pending.

ADH140H1ERG*





MODEL	Indoor unit			ADH140H1ERG*
	Outoor unit			1U60IS2ERB(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	47800
			kW nominal(min-max)	14(6.0~15.0)
		Heating	Btu/h (nor)	52850
			kW nominal(min-max)	15.5(6.0~17.5)
	Rated power input	Cooling	kW nom(min-max)	4.34(2.0~6.0)
		Heating	kW nom(min-max)	4.08(2.0~6.0)
	EER/COP			3.22/3.8
	Cooling P design(35°C)		kW	13.6
Seasonal performance data	Heating P design(-10°C)		kW	11
	SEER/SCOP			5.1/3.4
	Energy class(Cooling/Heating)			/
	Annual energy consumption(Cooling)		kW	/
	Annual energy consumption(Heating)		kW	/
INDOOR UNIT				
Electrical Parameters	Power supply		Ph/V/Hz	1/220-230/50/60
Performance	Air flow(H/M/L)		m^3/h	2580/2070/1560
	External static pressure		Pa	37/50/70/90/110/130/150/170/190/210
	Sound power level(H/M/L)		dB(A)	65
	Sound pressure level(H/M/L)		dB(A)	45/41/37
	External dimensions(W/D/H)		mm	1197/830/360
Installation	Shipping dimensions(W/D/H)		mm	1378/938/405
	Net/Shipping weight		kg	68/75
	Controller		optional	YR-E17
			optional	Please refer to control system in catalogue
OUTDOOR UNIT				
Electrical Parameters	Power supply		Ph/V/Hz	3/380-400/50
Performance	Air flow (H)		m^3/h	6000
	Sound power level		dB(A)	73
	Sound pressure level		dB(A)	60
Installation	External dimensions(W/D/H)		mm	948/340/1250
	Shipping dimensions(W/D/H)		mm	1095/410/1400
	Net/Shipping weight		kg	91/101
	Compressor type			Twin rotary
	Refrigerant type			R410A
	GWP			2088
	Refrigerant liquid pipe		mm	9.52
	Refrigerant gas pipe		mm	19.05
	Max pipe length		m	50
	Max drop between I.U.&O.U		m	30
	Refrigerant load in factory		kg	3.3
	Maximum pipe length without charge refrigerant		m	20
	Refrigerant charge quantity for extra length		g/m	45
Working temp.	Cooling(Min-Max)		°C	10~46
	Low ambient Cooling(Min-Max) with compressor heater		°C	/
	Heating(Min-Max)		°C	-15~24

* Data is pending.



Design Friendly

External static pressure : 150Pa

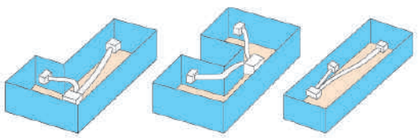
The external static pressure can reach 150Pa, give the designer possibility to design some duct;



Easy Installation

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 Pressure Duct(150Pa)

AD48HS1ERA(S)
AD48HS1ERA(S)
AD60HS1ERA(S)
AD60HS1ERA(S)





MODEL	Indoor unit			AD48HS1ERA(S)	AD48HS1ERA(S)	AD60HS1ERA(S)	AD60HS1ERA(S)
	Outoor unit			1U48LS1ERA(S)	1U48LS1ERB(S)	1U60IS2ERB(S)	1U60IS1ERB(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	42650	42650	45400	52900
			kW nominal(min-max)	12.5(6.0-14.5)	12.5(6.0-14.5)	13.6(6.0-15.0)	15.5(4.0-16.0)
		Heating	Btu/h (nor)	48100	48100	52850	56300
			kW nominal(min-max)	14.1(6.0-16.5)	14.1(6.0-16.5)	15.5(6.0-17.5)	16.5(4.0-18.0)
	Rated power input	Cooling	kW nom(min-max)	4.40(2.0-6.0)	4.40(2.0-6.0)	4.22(2.0-6.0)	5.13(2.0-6.5)
		Heating	kW nom(min-max)	3.90(2.0-6.0)	3.90(2.0-6.0)	4.21(2.0-6.0)	4.57(2.0-6.5)
	EER/COP			2.84/3.62	2.84/3.62	3.22/3.68	3.02/3.61
	Cooling P design(35°C)		kW	12.5	12.5	13.6	15.5
Seasonal performance data	Heating P design(-10°C)		kW	9	9	11	14
	SEER/SCOP			5.1/3.4	5.1/3.4	5.1/3.4	5.1/3.4
	Energy class(Cooling/Heating)			/	/	/	/
	Annual energy consumption(Cooling)		kW	/	/	/	/
	Annual energy consumption(Heating)		kW	/	/	/	/
INDOOR UNIT							
Electrical Parameters	Power supply		Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
Performance	Air flow(H/M/L)		m^3/h	2580/2070/1560	2580/2070/1560	2580/2070/1560	2580/2070/1560
	External static pressure		Pa	50-150	50-150	50-150	50-150
	Sound power level(H/M/L)		dB(A)	65	65	65	65
	Sound pressure level(H/M/L)		dB(A)	45/41/37	45/41/37	45/41/37	45/41/37
	External dimensions(W/D/H)		mm	1197/830/360	1197/830/360	1197/830/360	1197/830/360
Installation	Shipping dimensions(W/D/H)		mm	1378/938/405	1378/938/405	1378/938/405	1378/938/405
	Net/Shipping weight		kg	68/75	68/75	68/75	68/75
	Controller		standard	YR-E17	YR-E17	YR-E17	YR-E17
			optional	Please refer to control system in catalogue			
OUTDOOR UNIT							
Electrical Parameters	Power supply		Ph/V/Hz	1/220-230/50/60	3/380-400/50	3/380-400/50	3/380-400/50/60
Performance	Air flow (H)		m^3/h	4200	4200	6000	6500
	Sound power level		dB(A)	73	73	73	74
	Sound pressure level		dB(A)	59	59	60	61
Installation	External dimensions(W/D/H)		mm	1008/410/830	1008/410/830	948/340/1250	948/340/1250
	Shipping dimensions(W/D/H)		mm	1142/498/1000	1142/498/1000	1095/410/1400	1095/410/1400
	Net/Shipping weight		kg	82/93	82/93	91/101	96/106
	Compressor type			Twin rotary	Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R410A	R410A	R410A	R410A
	GWP			2088	2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52	9.52
	Refrigerant gas pipe		mm	19.05	19.05	19.05	19.05
	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	2.85	2.85	3.3	3.3
	Maximum pipe length without charge refrigerant		m	20	20	20	20
	Refrigerant charge quantity for extra length		g/m	45	45	45	45
Working temp.	Cooling(Min-Max)		°C	-25-46	10-46	10-46	-25-46
	Low ambient Cooling(Min-Max) with compressor heater		°C	-25-46	/	/	-25-46
	Heating(Min-Max)		°C	-15-24	-15-24	-15-24	-15-24

* Data is pending;



Stylish Design

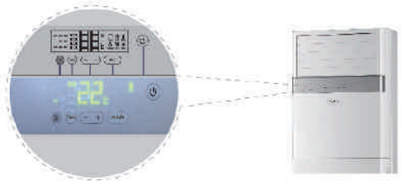
Side air inlet

Different from downside air inlet, the downside panel is new flat screen appearance with side air inlet grill, make the grill easy clean and low sound level.



Information screen

Informaton such like mode, temperature, fan speed can be checked easily by information screen



KEY FEATURE

Comfort

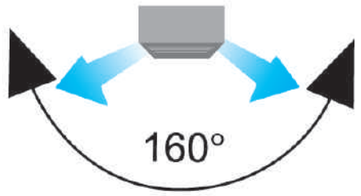
15m Long distance airflow

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



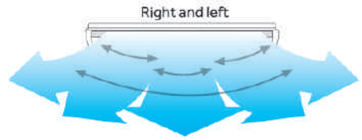
Wide angle 160° air supply

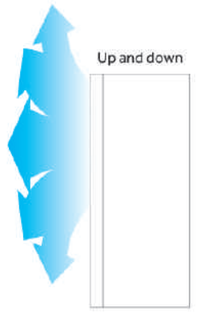
Rounding 3-dimensional, 160° wide angle air sending, reach every corner of the room.



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.

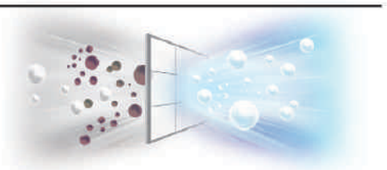




Health

High efficiency air purify filter

High efficiency air purify filter effectively prevents the smaller dust articles, insects and other materials.



Reliability

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.



Cabinet Type



AP48DS1ERA(S)
AP48DS1ERA(S)

MODEL	Standard Indoor			AP48DS1ERA(S)	AP48DS1ERA(S)
	Outoor unit			1U48LS1ERA(S)	1U48LS1ERB(S)
Nominal performance data	Capacity	Cooling	Btu/h (nor)	41300	41300
			kW nomnal(min-max)	12.1(6.0~14.5)	12.5(6.0~14.5)
		Heating	Btu/h (nor)	44350	44350
			kW nomnal(min-max)	13.5(6.0~16.5)	13.0(6.0~16.5)
	Rated power input	Cooling	kW nom(min-max)	4.02(2.0~6.0)	3.89(2.0~6.0)
		Heating	kW nom(min-max)	4.20(2.0~6.0)	4.05(2.0~6.0)
	EER/COP			3.01/3.21	3.21/3.21
Seasonal performance data	Cooling P design(35°C)		kW	12.1	12.1
	Heating P design(-10°C)		kW	9	9
	SEER/SCOP			5.1/3.4	5.1/3.4
	Energy class(Cooling/Heating)			/	/
	Annual energy consumption(Cooling)		kW	/	/
	Annual energy consumption(Heating)		kW	/	/
INDOOR UNIT				AP48DS1ERA(S)	AP48DS1ERA(S)
Electrical parameters	Power supply		Ph/V/Hz	1/220-230/50	1/220-230/50
Performance	Air flow(H/M/L)		m^3/h	1750/1500/1350	1750/1500/1350
	Sound power level(H/M/L)		dB(A)	68	68
	Sound pressure level(H/M/L)		dB(A)	53/50/47	53/50/47
Installation	External dimensions(W/D/H)		mm	1824/529/380	1824/529/380
	Shipping dimensions(W/D/H)		mm	1965/625/465	1965/625/465
	Net/Shipping weight		kg	55/62	55/62
	Controller		standard	YR-HD	YR-HD
			optional	Please refer to control system in catalogue	
OUTDOOR UNIT				1U48LS1ERA(S)	1U48LS1ERB(S)
Electrical parameters	Power supply		Ph/V/Hz	1/220-230/50/60	3/380-400/50
Performance	Air flow (H)		m^3/h	4200	4200
	Sound power level		dB(A)	73	73
	Sound pressure level		dB(A)	59	59
	External dimensions(W/D/H)		mm	1008/410/830	1008/410/830
Installation	Shipping dimensions(W/D/H)		mm	1142/498/1000	1142/498/1000
	Net/Shipping weight		kg	82/93	82/93
	Compressor type			Twin rotary	Twin rotary
	GWP			R410A	R410A
	Refrigerant type			2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52
	Refrigerant gas pipe		mm	19.05	19.05
	Max pipe length		m	50	50
	Max drop between I.U.&O.U		m	30	30
	Refrigerant load in factory		kg	2.85	2.85
	Maximum pipe length without charge refrigerant		m	20	20
	Refrigerant charge quantity for extra length		g/m	45	45
Working temp.	Cooling(Min-Max)		°C	-25-46	10-46
	Lowambent Cooling(Min-Max) with compressor heater		°C	-25-46	/
	Heating(Min-Max)		°C	-15-24	-15-24

AP48KS1ERA(S)
AP48KS1ERA(S)
AP60KS1ERA(S)
AP60KS1ERA(S)



MODEL	Standard Indoor			AP48KS1ERA(S)	AP48KS1ERA(S)	AP60KS1ERA(S)	AP60KS1ERA(S)
	Outoor unit			1U48LS1ERA(S)	1U48LS1ERB(S)	1U60IS2ERB(S)	1U60IS1ERB(S)
Nominal performance data	Capacity	Nominal cooling	Btu/h (nor)	42650	42650	46400	52900
			kW nomnal(min-max)	12.5(6.0~14.5)	12.5(6.0~14.5)	13.6(6.0~14.5)	15.5(4.0~16.0)
		Nominal heating	Btu/h (nor)	44350	44350	52850	56300
			kW nomnal(min-max)	13.0(6.0~16.5)	13.0(6.0~16.5)	15.5(6.0~16.5)	16.5(4.0~18.0)
	Rated power input	Cooling	kW nom(min-max)	3.90(2.0~6.0)	3.89(2.0~6.0)	4.24(2.0~6.5)	5.13(2.0~6.5)
		Heating	kW nom(min-max)	4.05(2.0~6.0)	4.05(2.0~6.0)	4.29(2.0~6.5)	5.14(2.0~6.5)
	EER/COP			3.21/3.21	3.21/3.21	3.21/3.61	3.02/3.21
Seasonal performance data	Cooling P design(35°C)		kW	12.5	12.5	13.6	15.5
	Heating P design(-10°C)		kW	9	9	11	13
	SEER/SCOP			5.1/3.4	5.1/3.4	5.1/3.4	5.1/3.4
	Energy class(Cooling/Heating)			/	/	/	/
	Annual energy consumption(Cooling)		kW	/	/	/	/
	Annual energy consumption(Heating)		kW	/	/	/	/
INDOOR UNIT				AP48KS1ERA(S)	AP48FS1ERA(S)	AP60KS1ERA(S)	AP60KS1ERA(S)
Electrical parameters	Power supply		Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)		m^3/h	1750/1500/1350	1750/1500/1350	1750/1500/1350	1750/1500/1350
	Sound power level(H/M/L)		dB(A)	69	69	69	69
	Sound pressure level(H/M/L)		dB(A)	54/51/48	54/51/48	54/51/48	54/51/48
Installation	External dimensions(W/D/H)		mm	1850/600/350	1850/600/350	1850/600/350	1850/600/350
	Shipping dimensions(W/D/H)		mm	1986/691/415	1986/691/415	1986/691/415	1986/691/415
	Net/Shipping weight		kg	57/65	57/65	57/65	57/65
	Controller		standard	YR-HD	YR-HD	YR-HD	YR-HD
			optional	Please refer to control system in catalogue			
OUTDOOR UNIT				1U48LS1ERA(S)	1U48LS1ERB(S)	1U60IS2ERB(S)	1U60IS1ERB(S)
Electrical parameters	Power supply		Ph/V/Hz	1/220~230/50/60	3/380~400/50	3/380~400/50	3/380~400/50/60
Performance	Air flow (H)		m^3/h	4200	4200	6000	6500
	Sound power level		dB(A)	73	73	73	74
	Sound pressure level		dB(A)	59	59	60	61
	External dimensions(W/D/H)		mm	1008/410/830	1008/410/830	948/340/1250	948/340/1250
Installation	Shipping dimensions(W/D/H)		mm	1142/498/1000	1142/498/1000	1095/410/1400	1095/410/1400
	Net/Shipping weight		kg	82/93	82/93	91/101	96/106
	Compressor type			Twin rotary	Twin rotary	Twin rotary	Twin rotary
	GWP			R410A	R410A	R410A	R410A
	Refrigerant type			2088	2088	2088	2088
	Refrigerant liquid pipe		mm	9.52	9.52	9.52	9.52
	Refrigerant gas pipe		mm	19.05	19.05	19.05	19.05
	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	2.85	2.85	3.3	3.3
	Maximum pipe length without charge refrigerant		m	20	20	20	20
	Refrigerant charge quantity for extra length		g/m	45	45	45	45
Working temp.	Cooling(Min-Max)		°C	-25~46	10~46	10~46	-25~46
	Lowambent Cooling(Min-Max) with compressor heater		°C	-25~46	/	/	-25~46
	Heating(Min-Max)		°C	-15~24	-15~24	-15~24	-15~24



R410a

MAXI SPLIT

175 Models Line-up

177 Outdoor Unit

179 Maxi Split

Models Line-up

R410a Maxi Split Outdoor Line-up

Type \ KBtu/h / kW	36 / 10	48 / 12.5	60 / 14
Inverter Outdoor Unit 1/220/50/60	 1U36HS1ERA(S)	 1U48LS1ERA(S)	
Inverter Outdoor Unit 3/380/50		 1U48LS1ERB(S)	 1U60IS2ERB(S)

R410a Indoor Line-up

Type \ KBtu/h / kW	Standard Controller	12 / 3.5	18 / 5	24 / 7.1
Compact Cassette 1/220/50/60	 YR-HD	 AB12CS1ERA(S)	 AB18CS1ERA(S)	
Cassette 1/220/50/60	 YR-HD			 AB24ES1ERA(S)
Convertible 1/220/50/60	 YR-HD	 AC12CS1ERA(S)	 AC18CS1ERA(S)	 AC24CS1ERA(S)

R410a Maxi Split Match Table (twin, triple, quadruple split)

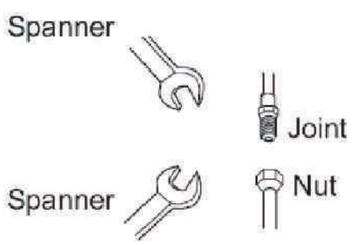
Model	Picture	Capacity (kW)	Indoor Unit Type					
			 Cassette			 Convertible		
			Twin	Triple	Double twin	Twin	Triple	Double twin
1U36HS1ERA(S)		10.0	2*18	3*12	/	2*18	3*12	/
1U48LS1ERA(S)		12.5	2*24	3*18	4*12	2*24	3*18	4*12
1U48LS1ERB(S)		12.5	2*24	3*18	4*12	2*24	3*18	4*12
1U60IS2ERB(S)		14.0	2*24	3*18	4*12	2*24	3*18	4*12
Branch Pipe			FQG-2Y100A(36) FQG-2Y200A(48/60)	FQG-3Y100A(36) FQG-3Y200A(48/60)	FQG-4Y200A	FQG-2Y100A(36) FQG-2Y200A(48/60)	FQG-3Y100A(36) FQG-3Y200A(48/60)	FQG-4Y200A



Easy Installation

Easy pipe connection

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

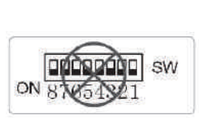


KEY FEATURE

Easy Installation

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 salve indoor units.





Easy controls

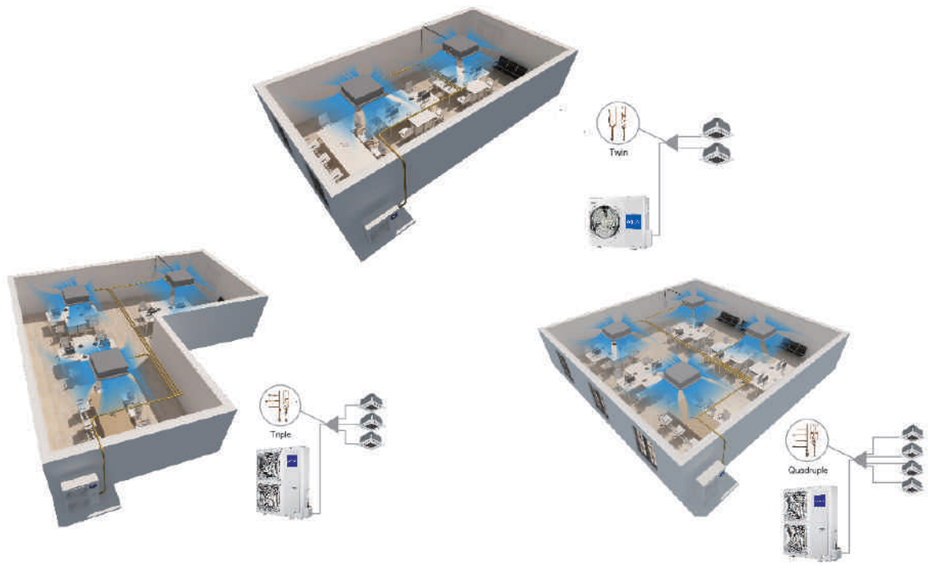
User can choose different control way according to their needs,Maxi split can provide wired control, wifi control , group control, central control,BMS control.



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.



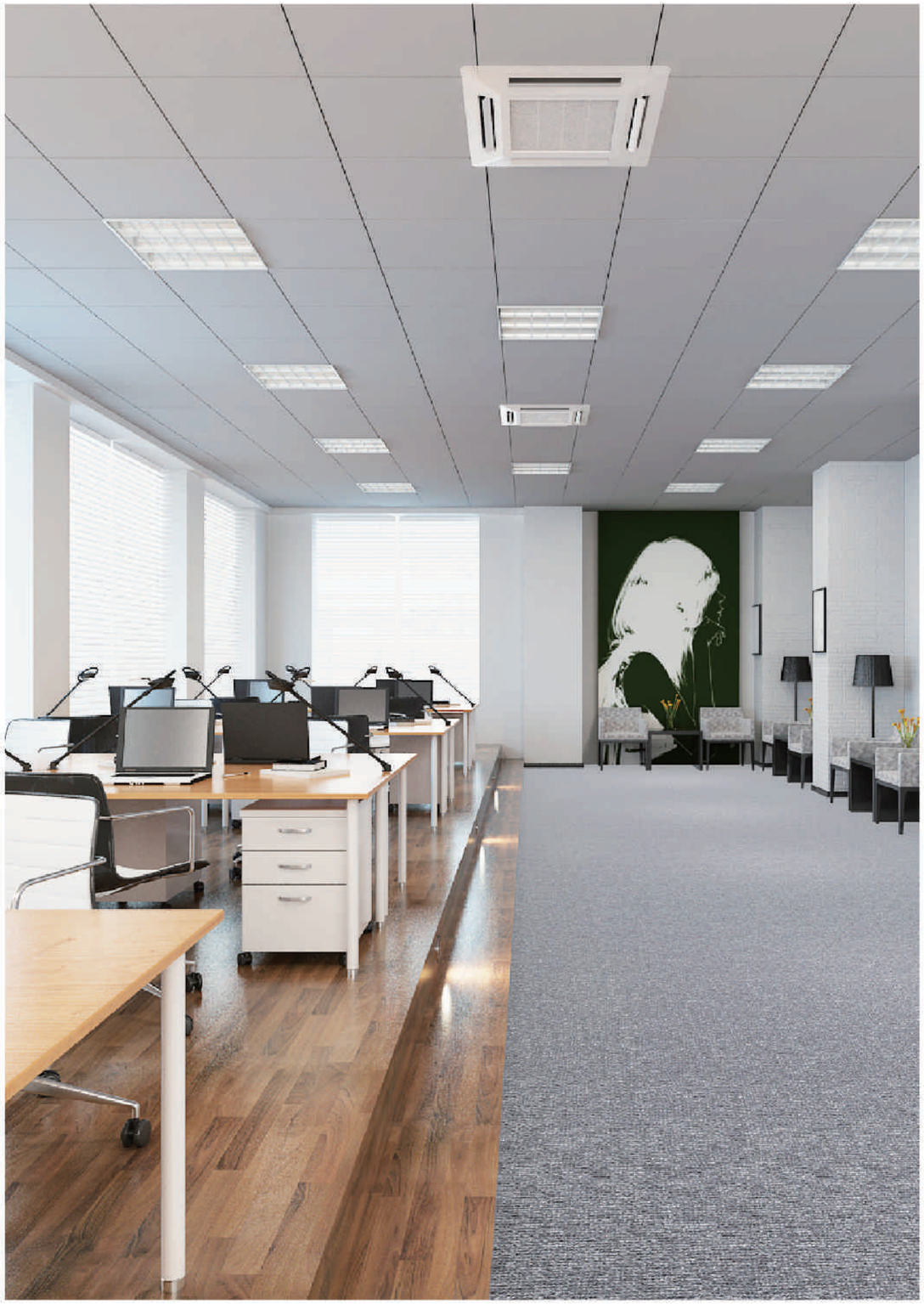
Maxi Split Outdoor Specification

Model		1U36HS1ERA(S)	1U48LS1ERA(S)	1U48LS1ERB(S)	1U60IS2ERB(S)
External dimensions (W/D/H)	mm	948/340/840	1008/410/830	1008/410/830	948/340/1250
Net weight	kg	65	82	82	91
Sound pressure level	dB(A)	58	59	59	60
Sound power level	dB(A)	69	/	/	/
Cooling (Min~Max)	℃	-10~46	-10~46	-10~46	-10~46
Heating (Min~Max)	℃	-15~24	-15~24	-15~24	-15~24
Max drop between I.U.&O.U	m	20	30	30	30
Max drop between I.U.&I.U	m	0.5	0.5	0.5	0.5
Total pipe length	m	50	60	60	60
Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	3/380-415/50	3/380-415/50

Maxi Split Indoor Specification

Model		AB12CS1ERA(S)	AB18CS1ERA(S)	AB24ES1ERA(S)
External dimensions(W/D/H)	mm	570/570/260	570/570/260	840/840/240
Net/Shipping weight	kg	18.5	18.5	25.5
Sound power level(H/M/L)	dB(A)	52	57	61
Sound pressure level(H/M/L)	dB(A)	35/31/27/23	40/35/33/29	44/40/36
Air flow(H/M/L)	m^3/h	620/520/450/350	700/620/500/400	1300/1100/870
Refrigerant liquid pipe	mm	6.35	6.35	9.52
Refrigerant gas pipe	mm	9.52	12.7	15.88

Model		AC12CS1ERA(S)	AC18CS1ERA(S)	AC24CS1ERA(S)
External dimensions(W/D/H)	mm	990/655/199	990/655/199	990/655/199
Net weight	kg	26.3	28.3	28.3
Sound power level(H/M/L)	dB(A)	58	62	62
Sound pressure level(H/M/L)	dB(A)	41/36/31	44/42/39	44/42/39
Air flow(H/M/L)	m^3/h	650/550/450	800/720/650	800/720/650
Refrigerant liquid pipe	mm	6.35	6.35	9.52
Refrigerant gas pipe	mm	9.52	12.7	15.88





R410a SUPER MATCH
MULTI SPLIT

183 Models Line-up
185 Benefits
193 Key Feature
197 Outdoor Models
199 High Wall
201 Round Way Cassette
202 4-way Cassette
203 Convertible Type
204 Slim Low Pressure Duct
206 Medium Pressure Duct
207 Match Table

Models Line-up

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

Type \ KBtu/h / kW	Standard Controller	7 / 2	9 / 2.5		12 / 3.5	15 / 4.4	18 / 5	24 / 7.1
Inverter Outdoor Unit 14/18k(1:2) 1/220/50 19-48k(1:3-1:5) 1/220/50/60		2U14CS2ERA(S)	2U18FS2ERA(S)	3U19FS1ERA(N)	3U24GS1ERA(N)	4U26HS1ERA	4U30HS1ERA	5U34HS1ERA	5U45LS1ERA
High Wall Nebula 1/220/50/60	YR-HBS01	AS07NS1HRA-WU	AS09NS1HRA-WU		AS12NS1HRA-WU	AS15NS1HRA-WU	AS18NS1HRA-WU	AS24NS1HRA-WU
High Wall Brezza 1/220/50/60	YR-HG	AS07BS4HRA	AS09BS4HRA		AS12BS4HRA	AS15BS4HRA	AS18BS4HRA	AS24BS4HRA
Compact Cassette AC 1/220/50/60 (Panel: PB-700IB)	YR-HD		AB09CS1ERA		AB12CS1ERA(S)		AB18CS1ERA(S)	
4-way Cassette 1/220/50/60	YR-HD							AB24ES1ERA(S)
Compact Cassette DC 1/220/50/60 (Panel: PB-700KB)	YR-HD		AB09CS2ERA		AB12CS2ERA(S)		AB18CS2ERA(S)	
Round Way Cassette 1/220/50/60	YR-HBS01							NEW AB71S2SG1FA
Convertible 1/220/50/60	YR-HD				AC12CS1ERA(S)		AC18CS1ERA(S)	AC24CS1ERA(S)
Slim Low ESP Duct (30pa) 1/220/50/60	YR-E17		AD09SS1ERA(N)		AB12SS1ERA(N)		AD18SS1ERA(N)	AB24SS1ERA(N)
Medium ESP Duct (70/100pa) 1/220/50/60	YR-E17				AB12MS1ERA		AD18MS1ERA	NEW AD71S2SM3FA

Benefits

SuperMatch

SERIES	MODEL	HEALTH									INTELLIGENT&COMFORT												
		Nano-aqua	Negative ion	RCD healthy module	Bacteria-killin medium	Photocatalyst filter	ESF filter	Vitamin C layer	Anti-mold filter	Negative ion filter	Super quiet	DIY auto mode	Wi-Fi control	Auto mode	Quiet mode	Power mode	On-Off card	Comfortable sleep	Left & Right airflow	3D airflow	Intelligent air	3D big flap	Carpet airflow
High wall (Nebula)	AS07NS1HRA-WU AS07NS1HRA-GU				√	√	√		√	√	√		√	√	√	√	√	√			√		
	AS09NS1HRA-WU AS09NS1HRA-GU				√	√	√		√	√	√		√	√	√	√	√	√			√		
	AS12NS1HRA-WU AS12NS1HRA-GU				√	√	√		√	√	√		√	√	√	√	√	√			√		
	AS15NS1HRA-WU AS15NS1HRA-GU				√	√	√		√	√	√		√	√	√	√	√	√			√		
	AS18NS1HRA-WU AS18NS1HRA-GU				√	√	√		√	√	√		√	√	√	√	√	√			√		
	AS24NS1HRA-WU AS24NS1HRA-GU				√	√	√		√	√	√		√	√	√	√	√	√			√		
High wall (Breeza)	AS07BS4HRA				√	√	√		√	√	√		√	√	√	√	√	√			√		
	AS09BS4HRA				√	√	√		√	√	√		√	√	√	√	√	√			√		
	AS12BS4HRA				√	√	√		√	√	√		√	√	√	√	√	√			√		
	AS15BS4HRA				√	√	√		√	√	√		√	√	√	√	√	√			√		
	AS18BS4HRA				√	√	√		√	√	√		√	√	√	√	√	√			√		
	AS24BS4HRA				√	√	√		√	√	√		√	√	√	√	√	√			√		

√ : Standard √ : Optional

Benefits

SuperMatch

SERIES	MODEL	CONVENIENT			DESIGN							DESIGN										ENERGY SAVING		
		Auto restart	3 minutes protection	24 hours timer	Super match	Original 3D-cantilting panel	Compact design	Integral stop valve cover	Easy clean design	Base pan & drain pan integrative design		Quick & easy installation	2 ways drain piping connection	Blue fin	Golden fin	High quality element	LED display	"DOUBLE 8" display	Large "DOUBLE 8" LED display	5-color LED display	Concealed LED display	DC motor	High performance compressor	100% sine wave DC inverter
High wall (Nebula)	AS07NS1HRA-WU AS07NS1HRA-GU	√	√	√	√									√	√	√	√	√			√		√	√
	AS09NS1HRA-WU AS09NS1HRA-GU	√	√	√	√									√	√	√	√	√			√		√	√
	AS12NS1HRA-WU AS12NS1HRA-GU	√	√	√	√									√	√	√	√	√			√		√	√
	AS15NS1HRA-WU AS15NS1HRA-GU	√	√	√	√									√	√	√	√	√			√		√	√
	AS18NS1HRA-WU AS18NS1HRA-GU	√	√	√	√									√	√	√	√	√			√		√	√
	AS24NS1HRA-WU AS24NS1HRA-GU	√	√	√	√									√	√	√	√	√			√		√	√
High wall (Breeza)	AS07BS4HRA	√	√	√	√									√	√	√	√	√			√		√	√
	AS09BS4HRA	√	√	√	√									√	√	√	√	√			√		√	√
	AS12BS4HRA	√	√	√	√									√	√	√	√	√			√		√	√
	AS15BS4HRA	√	√	√	√									√	√	√	√	√			√		√	√
	AS18BS4HRA	√	√	√	√									√	√	√	√	√			√		√	√
	AS24BS4HRA	√	√	√	√									√	√	√	√	√			√		√	√

√ : Standard √ : Optional

Benefits

SuperMatch

SERIES	MODEL	ENERGY SAVING				SMART							HEALTH			COMFORT										
		DC INVERTER 180° sine wave DC inverter	DC motor	A++ Energy class A++	Sleep mode	WiFi Wi-Fi control	Group control Group controller	Central control Central control	BMS BMS	On-Off card	Movesys intelligent system	Fresh air channel	Premium filter	Super quiet	Quiet operation	Low noise	Left & Right airflow	Far distance air supplying	360° airflow	4-way airflow	3D auto airflow	Wide-angle airflow	4 way independent airflow	Auto mode	AUTO Auto-swing	DRY DRY function
Cassette	AB09CS2ERA(S)*	√	√	√	√	√	√	√		√		√	√		√					√				√	√	√
	AB12CS2ERA(S)*	√	√	√	√	√	√	√		√		√	√		√					√				√	√	√
	AB18CS2ERA(S)*	√	√	√	√	√	√	√		√		√	√		√					√				√	√	√
	AB24ES1ERA(S)	√		√	√	√	√	√	√	√			√		√					√				√	√	√
Convertible	AC12CS1ERA(S)	√		√	√	√	√	√	√	√			√		√		√				√			√	√	√
	AC18CS1ERA(S)	√		√	√	√	√	√	√	√			√		√		√				√			√	√	√
	AC24CS1ERA(S)	√		√	√	√	√	√	√	√			√		√		√				√			√	√	√
Low pressure slim duct	AD09SS1ERA(N)	√	√	√	√	√	√	√	√	√			√	√	√		√				√			√	√	√
	AD12SS1ERA(N)	√	√	√	√	√	√	√	√	√			√	√	√		√				√			√	√	√
	AD18SS1ERA(N)	√	√	√	√	√	√	√	√	√			√	√	√		√				√			√	√	√
	AD24SS1ERA(N)	√	√	√	√	√	√	√	√	√			√	√	√		√				√			√	√	√
Low pressure duct	AD09LS1ERA	√		√	√	√	√	√	√	√			√		√									√	√	√
	AD12LS1ERA	√		√	√	√	√	√	√	√			√		√									√	√	√
	AD18LS1ERA	√		√	√	√	√	√	√	√			√		√									√	√	√
	AD24LS1ERA	√		√	√	√	√	√	√	√			√		√									√	√	√
Medium pressure duct	AD12MS1ERA	√	√	√	√	√	√	√	√	√		√	√	√	√									√	√	√
	AD18MS1ERA	√	√	√	√	√	√	√	√	√		√	√	√	√									√	√	√
	AD24MS2ERA	√	√	√	√	√	√	√	√	√		√	√		√									√	√	√

*Group & Central control will be realized by connecting with Multi ODUs.

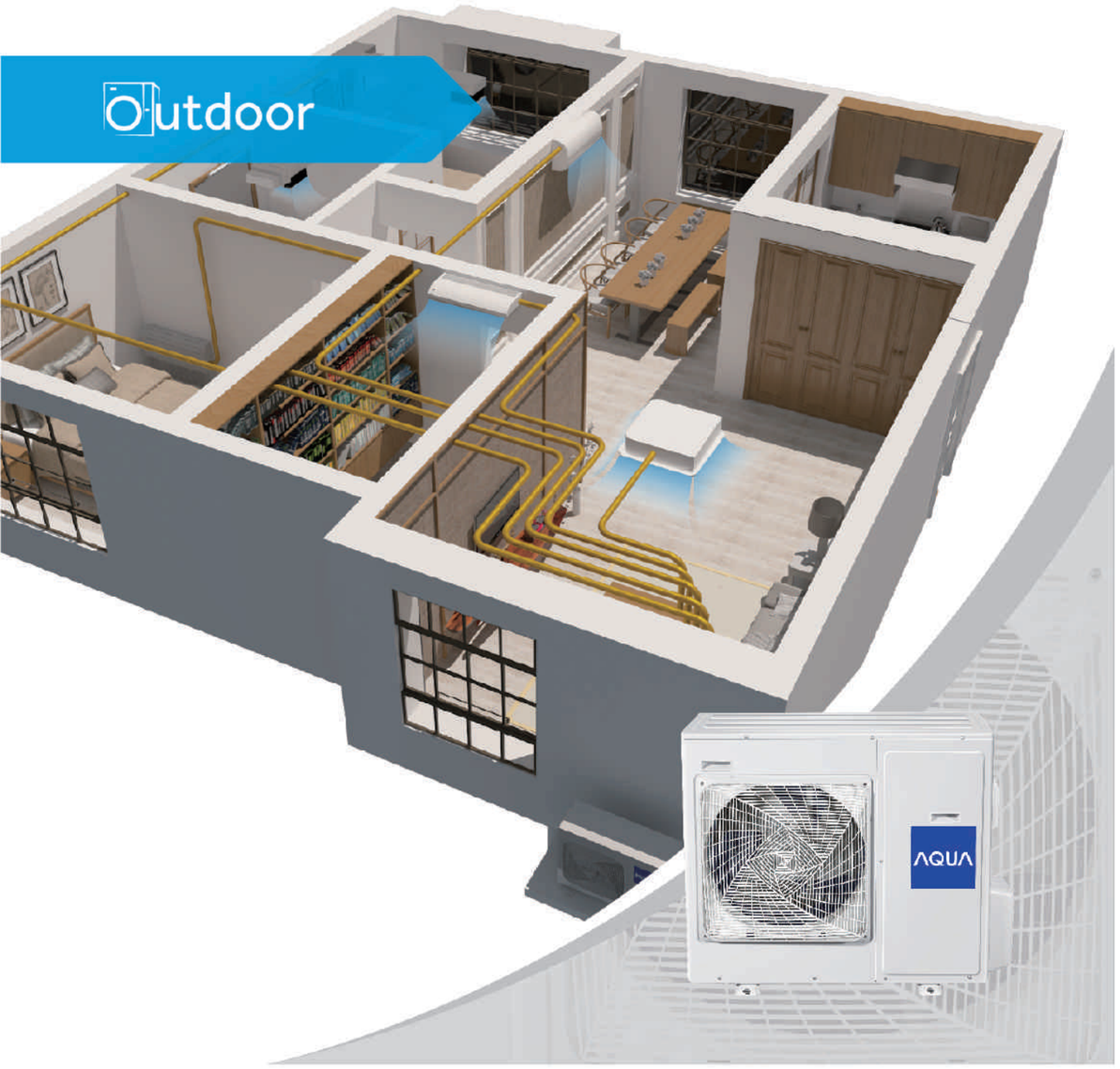
√ : Standard √ : Optional

Benefits

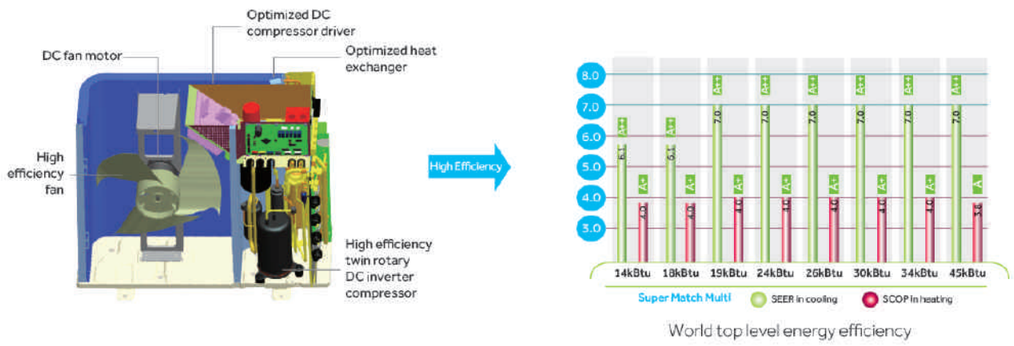
SuperMatch

SERIES	MODEL	CONVENIENCE										CONVENIENCE					RELIABILITY							
		Super match	Weekly timer	24 hours timer	Auto restart	Smart defrosting	Child lock	Double 8 display	4 fan settings	Adjustable E.S.P		Two-way drain	Drain water pump	Branch outlet	Quick installation	Compact design	Built-in valve	50 or 60 Hz Widely electricity Hz	-15°C heating	-20°C heating	-10°C cooling	-15°C cooling	Self-diagnosis function	3 min 3 minutes protection
Cassette	AB09CS2ERA(S)	√	√	√	√	√	√		√				√			√		√	√		√		√	√
	AB12CS2ERA(S)	√	√	√	√	√	√		√				√			√		√	√		√		√	√
	AB18CS2ERA(S)	√	√	√	√	√	√		√				√			√		√	√		√		√	√
	AB24ES1ERA(S)	√	√	√	√	√	√						√	√		√		√	√		√		√	√
Convertible	AC12CS1ERA(S)	√	√	√	√	√	√									√		√	√		√		√	√
	AC18CS1ERA(S)	√	√	√	√	√	√									√		√	√		√		√	√
	AC24CS1ERA(S)	√	√	√	√	√	√									√		√	√		√		√	√
Low pressure slim duct	AD09SS1ERA(N)	√	√	√	√	√	√					√	√			√		√	√		√		√	√
	AD12SS1ERA(N)	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
	AD18SS1ERA(N)	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
	AD24SS1ERA(N)	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
Low pressure duct	AD09LS1ERA	√	√	√	√	√	√			√		√						√	√		√		√	√
	AD12LS1ERA	√	√	√	√	√	√					√						√	√		√		√	√
	AD18LS1ERA	√	√	√	√	√	√					√						√	√		√		√	√
	AD24LS1ERA	√	√	√	√	√	√					√						√	√		√		√	√
Medium pressure duct	AD12MS1ERA	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
	AD18MS1ERA	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√
	AD24MS2ERA	√	√	√	√	√	√			√		√	√			√		√	√		√		√	√

√ : Standard √ : Optional



High Efficiency



World top level energy efficiency

KEY FEATURE

High Reliability

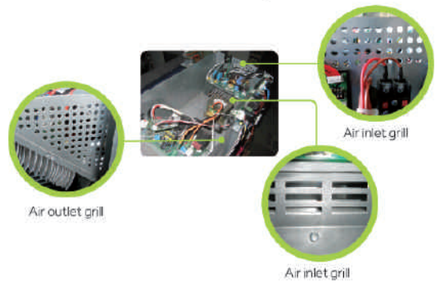
Oil return

For 1:3 to 1:5 outdoor unit models. Haier multi split outdoor unit system(3U19~5U45) takes oil separator design, compressor oil come back to compressor in time, so compressor running with oil, lower compressor wear possibility, boost system reliability.



Electrical box ventilation

Electrical box design: reserved air path (1:3~1:5) good for ventilation, working temperature of electric box can be sufficiently reduced, lower electrical component malfunction rate, boost reliability.



Control

High voltage communication wire guarantee the control not to be interfered by electromagnetic wave, boost control reliability.



User Friendly

Easy control

The universal wireless controller for high wall, console, cassette, convertible, duct can be used for everyone easily.

Separate cool, heat, dry,quiet buttons easy to use!



Easy Installation

Easy carry

In summer night the sound level can be reduced by PCB setting, lower sound level 3 dB(A) (setting by installer on site).



Easy vacuum & charging

Vacuum and charging every indoor unit just one time from general stop valve (1:4 to1:5 outdoor unit).



General stop valve

KEY FEATURE

One screw maintenance panel

New maintenance panel is fixed on the side panel, installer only take down the maintenance panel by take down only one screw, then to check the compressor running frequency and error code from the double 8 screen.



Easy start up & maintenance

Check valve(3U) or general stop valve (4U-5U) can be used in high/low pressure test in same mode, easy to start up and maintenance.

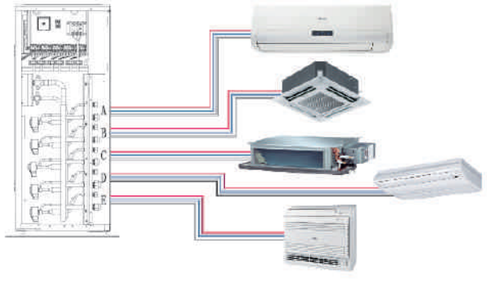


Easy wiring

Wiring solution: Parallel connection, easy wiring.

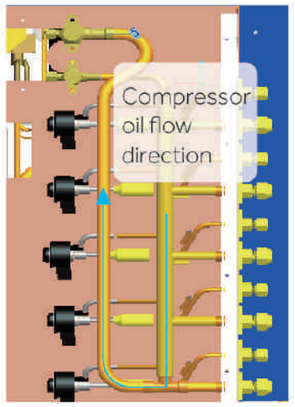
Note: Red wire=power wire; Blue wire=communication wire;

Black wire=pipe.



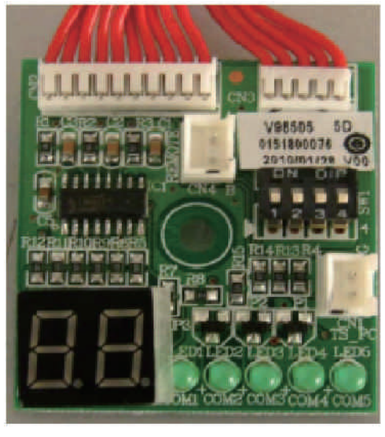
Easy piping

The piping from outdoor unit do not need to follow from bottom to top in new 5U45LS1ERA, become very flexible, because the new piping design make compressor oil go back to compressor by compressor power and gravity.



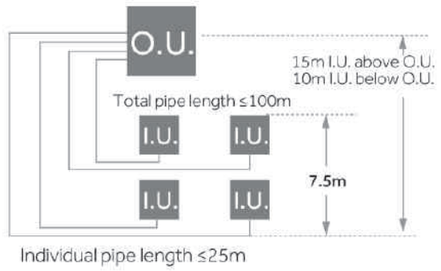
Service screen

In start up & maintenance, the service screen will show the failure code for easy understand to the problem.



Wider Application

Wider installation

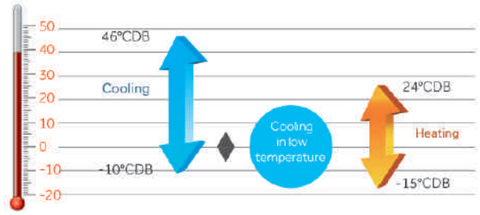


Wider range operation

Wider range operation of outside temperature

Cooling: from -10°C to 46°C

Heating: from -15°C to 24°C



Wider frequency application

Equipped with various DC components, the new Multi system is applicable both for 50Hz and 60Hz electricity condition.

Wider voltage range

Working voltage: 208V~240V

The system is more tolerance in unstable voltage conditions.

Easy Stock & Easy Use

Easy stock

The unified indoor units of multi split and single split can help our distributors and installers to reduce the inventory and save money.



Conventional



Haier

Outdoor Models



2U14CS2ERA(S)



2U18FS2ERA(S)



3U19FS1ERA(N)



3U24GS1ERA(N)

Model/outdoor unit				2U14CS2ERA(S)	2U18FS2ERA(S)	3U19FS1ERA(N)	3U24GS1ERA(N)
Indoor unit combinations				AS09BS4HRA+ AS12BS4HRA	2*AS12BS4HRA	3*AS09BS4HRA	3*AS09BS4HRA
Maximum connected quantity of indoor units				2	2	3	3
Nominal performance data	Capacity	Cooling	Btu/h (nor)	14000	17400	18500	22850
			kW nor(min-max)	1.2/4.1/4.5	1.3/5.1/5.8	1.5/5.4/7	1.5/6.7/8.2
		Heating	Btu/h (nor)	15000	19800	22200	27300
			kW nor(min-max)	1.5/4.4/5.0	1.9/5.8/6.6	1.8/6.5/8.1	1.8/8.0/9.0
	Rated power input	Cooling	kW nom(min-max)	0.29/1.07/1.4	0.35/1.54/2.07	0.5/1.32/2.6	0.55/1.68/3.1
		Heating	kW nom(min-max)	0.34/1.09/1.65	0.45/1.55/2.30	0.5/1.46/2.6	0.55/1.83/3.1
	EER/COP			3.83/4.03	3.31/3.74	4.1/4.46	4.0/4.38
Seasonal performance data	Cooling P design(35°C)		kW	4.1	5.1	5.4	6.7
	Heating P design(-10°C)		kW	4.2	5.2	4.5	5.3
	SEER/SCOP			6.1/4.0	6.1/4.0	7.0/4.0	7/4.0
	Energy class(Cooling/Heating)			A++/A+	A++/A+	A++/A+	A++/A+
	Annual energy consumption(Cooling)		kW	235	292	270	340
	Annual energy consumption(Heating)		kW	1471	1821	1600	1923
OUTDOOR UNIT							
Electricalparameters	Power supply		Ph/V/Hz	1/230/50	1/230/50	1/220~240/50/60	1/220~240/50/60
Performance	Air flow (H/M/L)		m^3/h	1900	2900	2000	2500
	Sound power level (H/M/L)		dB(A)	62	63	65	67
	Sound pressure level (H/M/L)		dB(A)	52	53	52	54
Installation	External dimensions (W/D/H)		mm	780/270/540	810/288/688	810/288/688	860/308/730
	Shipping dimensions (W/D/H)		mm	930/340/614	949/406/745	992/408/760	1005/423/815
	Net/Shipping weight		kg	34/37	43.5/46.5	51/53	53/56
	Compressor type			Rotary	Twin Rotary	Twin Rotary	Twin Rotary
	Refrigerant type			R410A	R410A	R410A	R410A
	GWP			2088	2088	2088	2088
	Refrigerant liquid pipe		mm	2x6.35	2x6.35	3x6.35	3x6.35
	Refrigerant gas pipe		mm	2x9.52	2x9.52	3x9.52	3x9.52
	Total pipe length (Max)		m	30	30	50	60
	Single pipe length (Max)		m	20	20	25	25
	Max drop between I.U.&O.U		m	15	15	15	15
	Max drop between I.U.&I.U		m	15	15	5	5
	refrigerant load in factory		kg	1.2	1.4	1.9	1.9
	Maximum pipe length without charge refrigerant		m	20	20	30	30
	refrigerant charge quantity for extra length		g/m	20	20	20	20
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



4U26HS1ERA



4U30HS1ERA



5U34HS1ERA



5U45LS1ERA

Model/Outdoor unit				4U26HS1ERA	4U30HS1ERA	5U34HS1ERA	5U45LS1ERA
Indoor unit combinations				3*AS09BS4HRA	4*AS09BS4HRA	4*AS09BS4HRA	2*AD09SS1ERA(N)+ AD12SS1ERA(N)+AD18SS1ERA(N)
Maximum connected quantity of indoor units				4	4	5	5
Nominal performance data	Capacity	Cooling	Btu/h (nor)	26000	30000	34100	41600
			kW nor(min-max)	1.5/7.6/9	1.5/8.8/9.8	1.5/10/11	1.5/12.2/13.4
		Heating	Btu/h (nor)	29350	33450	36500	43300
			kW nor(min-max)	1.8/8.6/9.5	1.8/9.8/10.5	1.8/10.7/11.5	1.8/12.7/14.0
	Rated power input	Cooling	kW nom(min-max)	0.55/2.0/3.5	0.55/2.32/3.8	0.55/2.77/4.0	0.55/3.63/5.5
		Heating	kW nom(min-max)	0.55/2.18/3.5	0.55/2.39/3.8	0.55/2.68/4.0	0.55/3.25/5.5
	EER/COP			3.8/3.95	3.8/4.1	3.6/4	3.36/3.9
Seasonal performance data	Cooling P design(35°C)		kW	7.6	8.8	10	12.2
	Heating P design(-10°C)		kW	6.2	7.1	8.1	9
	SEER/SCOP			7.0/4.0	7.0/4.0	7/4.0	7.0/3.8
	Energy class(Cooling/Heating)			A++/A+	A++/A+	A++/A+	A++/A
	Annual energy consumption(Cooling)		kW	380	440	500	595
	Annual energy consumption(Heating)		kW	2308	2487	2836	3558
OUTDOOR UNIT							
Electricalparameters	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)		m^3/h	3500	3500	4000	4200
	Sound power level (H/M/L)		dB(A)	68	70	70	71
	Sound pressure level (H/M/L)		dB(A)	56	56	58	60
Installation	External dimensions (W/D/H)		mm	948/340/840	948/340/840	948/340/840	1008/447/830
	Shipping dimensions (W/D/H)		mm	1040/430/1000	1040/430/1000	1040/430/1000	1130/490/1000
	Net/Shipping weight		kg	74/85	76/87	77/88	90/101
	Compressor type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
	Refrigerant type			R410A	R410A	R410A	R410A
	GWP			2088	2088	2088	2088
	Refrigerant liquid pipe		mm	4×6.35	4×6.35	5×6.35	5×6.35
	Refrigerant gas pipe		mm	3×9.52+1×12.7	3×9.52+1×12.7	4×9.52+1×12.7	3×9.52+2×12.7
	Total pipe length (Max)		m	70	70	80	100
	Single pipe length (Max)		m	25	25	25	25
	Max drop between I.U.&O.U		m	15	15	15	15
	Max drop between I.U.&I.U		m	5	5	5	5
	refrigerant load in factory		kg	3.1	3.2	3.4	3.2
	Maximum pipe length without charge refrigerant		m	40	40	40	40
	refrigerant charge quantity for extra length		g/m	20	20	20	28
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

High Wall(Nebula)



AS07NS1HRA-WU
AS09NS1HRA-WU
AS12NS1HRA-WU
AS15NS1HRA-WU
AS18NS1HRA-WU
AS24NS1HRA-WU

- Super quiet 22dB(A)
- Nano-aqua
- 3D airflow
- Long distance air supplying
- A-PAM inverter technology



YR-HBS01

Model/indoor unit			AS07NS1HRA-WU AS07NS1HRA-GU	AS09NS1HRA-WU AS09NS1HRA-GU	AS12NS1HRA-WU AS12NS1HRA-GU	AS15NS1HRA-WU AS15NS1HRA-GU	AS18NS1HRA-WU AS18NS1HRA-GU	AS24NS1HRA-WU AS24NS1HRA-GU
Capacity	Nominal Cooling	Btu/h (nor)	6800	9210	12290	15010	17740	23890
		kW nominal (min-max)	2	2.7(0.80~3.40)	3.6(1.00~4.20)	4.4(1.3~5.0)	5.2(1.30~6.80)	7.0(2.20~8.50)
	Nominal Heating	Btu/h (nor)	7850	9560(4780~10920)	12630(4780~13990)	18430(4780~20480)	19790(5460~20480)	25600(8530~26620)
		kW nominal (min-max)	2.3	2.8(1.00~4.60)	3.7(1.100~5.40)	5.4(1.4~6.0)	5.8(1.40~6.90)	7.5(2.40~9.80)
	Cooling P design (35°C)	kW	2.7	2.7	3.6	4.4	5.2	7
	Heating P design (-10°C)	kW	2.5	2.5	3.2	3.5	4.9	5.1
Electrical parameters	Power supply	Ph/V/Hz	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	700	900	1200
	Sound power level cooling (Hi)	dB(A)	52	52	54	55	57	62
	Sound pressure level cooling (Hi/Mid/Lo/So)	dB(A)	39/34/27/21	39/34/27/21	40/35/31/22	44/40/35/28	47/43/37/30	47/43/37/35
Installation	External dimensions (W/D/H)	mm	855/204/280	855/204/280	855/204/280	900/210/310	997/235/322	1115/248/336
	Shipping dimensions (W/D/H)	mm	954/279/355	954/279/355	954/279/355	991/313/399	1085/329/403	1205/341/416
	Net/Shipping weight	kg	10/12.2	10/12.2	10/12.2	11.5/14	13/16	16/19.6
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	9.52	9.52
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7	15.88	15.88
	Controller	standard	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01
		optional	Please refer to control system in cataloguet					

High Wall(Breeza)

AS07BS4HRA
AS09BS4HRA
AS12BS4HRA
AS15BS4HRA
AS18BS4HRA
AS24BS4HRA





YR-HG

- Super quiet 22dB(A)
- Long distance air supplying
- A-PAM inverter technology
- UV ray

Model/indoor unit			AS07BS4HRA /	AS09BS4HRA /	AS12BS4HRA /	AS15BS4HRA /	AS18BS4HRA /	AS24BS4HRA /
Capacity	Nominal Cooling	Btu/h (nor)	6800	9210	12290	15010	17740	23890
		kW nominal (min-max)	2	2.7(0.80~3.40)	3.6(1.00~4.20)	4.4(1.3~5.0)	5.2(1.30~6.80)	7.0(2.20~8.50)
	Nominal Heating	Btu/h (nor)	7850	9560(4780~10920)	12630(4780~13990)	18430(4780~20480)	19790(5460~20480)	25600(8530~26620)
		kW nominal (min-max)	2.3	2.8(1.00~4.60)	3.7(1.100~5.40)	5.4(1.4~6.0)	5.8(1.40~6.90)	7.5(2.40~9.80)
	Cooling P design (35°C)	kW	2.7	2.7	3.6	4.4	5.2	7
	Heating P design (-10°C)	kW	2.5	2.5	3.2	3.5	4.9	5.1
Electrical parameters	Power supply	Ph/V/Hz	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	700	900	1200
	Sound power level cooling (Hi)	dB(A)	52	52	54	55	57	62
	Sound pressure level cooling (Hi/Mid/Lo/So)	dB(A)	39/34/27/21	39/34/27/21	40/35/31/22	44/40/35/28	47/43/37/30	47/43/37/35
Installation	External dimensions (W/D/H)	mm	855/204/280	855/204/280	855/204/280	900/210/310	997/235/322	1115/248/336
	Shipping dimensions (W/D/H)	mm	954/279/355	954/279/355	954/279/355	991/313/399	1085/329/403	1205/341/416
	Net/Shipping weight	kg	10/12.2	10/12.2	10/12.2	11.5/14	13/16	16/19.6
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	9.52	9.52
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7	15.88	15.88
	Controller	standard	YR-HG	YR-HG	YR-HG	YR-HG	YR-HG	YR-HG
		optional	Please refer to control system in catalogue					

Round Way Cassette



AB09CS2ERA
AB12CS2ERA(S)



AB18CS2ERA(S)
AB71S2SG1FA

- Compact design
- Sprial panel
- Fresh air outlet
- Low sound level
- DC fan motor



YR-HD YR-HBS01

- Unique round-way air outlet, no blind spot
- Innovative 4 independent air flow control
- 6 adjustable louver positions, 1296 air flow combinations
- Move Eye intelligent system, intelligence all around(optional)

Model/indoor unit			AB09CS2ERA	AB12CS2ERA(S)	AB18CS2ERA(S)	AB71S2SG1FA
Capacity	Nominal Cooling	Btu/h (nor)	8900	12000	17000	22200
		kW nominal (min-max)	2.6	3.50(0.9-4.5)	5(1.8-5.8)	7.1(2-7.3)
	Nominal Heating	Btu/h (nor)	9900	12600	17750	24300
		kW nominal (min-max)	2.9	3.7(1-4.8)	5.2(2-6.5)	8.0(2.5-8)
	Cooling P design(35°C)	kW	/	3.5	5	7.1
	Heating P design(-10°C)	kW	/	3.4	4.7	5.2
Electrical parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
Performance	Air flow(H/M/L)	m³/h	620/520/450/350	620/520/450/350	700/620/500/400	1260/1070/820/680
	Sound power level(H/M/L)	dB(A)	52	52	57	55
	Sound pressure level(H/M/L)	dB(A)	40/36/32/28	40/36/32/28	42/37/35/31	36/33/29/26
Installation	External dimensions(W/D/H)	mm	570/570/260	570/570/260	570/570/260	840/840/204
	Shipping dimensions(W/D/H)	mm	718/680/380	718/680/380	718/680/380	990/990/310
	Net/Shipping weight	kg	17/20	18.5/22	18.5/22	27/32
	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	standard	YR-HD	YR-HD	YR-HD	YR-HBS01
		optional	Please refer to control system in catalogue			
Panel	Model		PB-700KB	PB-700KB	PB-700KB	PB-950KB(standard panel) /PB-950MB(sensor panel)
	External dimensions (W/D/H)	mm	700/700/60	700/700/60	700/700/60	950/950/50
	Shipping dimensions (W/D/H)	mm	740/750/115	740/750/115	740/750/115	1000/1000/110
	Net/Shipping weight	kg	2.8/4.8	2.8/4.8	2.8/4.8	6.5/9

* Data is pending.

4-way Cassette

AB09CS1ERA
AB12CS1ERA(S)



AB18CS1ERA(S)
AB24ES1ERA(S)



- 700x700mm new panel design
- Pre-set fresh air inlet
- Built-in high head drain pump
- Quiet operation
- AC fan motor



YR-HD

- Compact design
- Pre-set Fresh air inlet
- Built-in high head drain pump
- Reserve branch outlet

Model/indoor unit			AB09CS1ERA	AB12CS1ERA(S)	AB18CS1ERA(S)	AB24ES1ERA(S)
Capacity	Nominal Cooling	Btu/h (nor)	9000	12000	17000	22200
		kW nominal (min-max)	2.6	3.50(0.9-4.5)	5(1.8-5.8)	7.1(2-7.3)
	Nominal Heating	Btu/h (nor)	10000	12600	18800	24300
		kW nominal (min-max)	2.9	3.7(1-4.8)	5.2(2-6.5)	7.1(2.5-8)
	Cooling P design(35°C)	kW	/	3.5	5	7.1
	Heating P design(-10°C)	kW	/	3.4	4.7	5.2
Electrical parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
Performance	Air flow(H/M/L)	m³/h	620/520/450	620/520/450	700/620/500	1300/1100/870
	Sound power level(H/M/L)	dB(A)	50/46/42	50/46/42	55/50/47	59/57/52
	Sound pressure level(H/M/L)	dB(A)	40/36/32	40/36/32	42/37/35	46/44/39
Installation	External dimensions(W/D/H)	mm	570/570/260	570/570/260	570/570/260	840/840/240
	Shipping dimensions(W/D/H)	mm	718/680/380	718/680/380	718/680/380	930/930/330
	Net/Shipping weight	kg	17/20	18.5/22	18.5/22	25.5/30.5
	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	standard	YR-HD	YR-HD	YR-HD	YR-HD
		optional	Please refer to control system in catalogue			
Panel	Model		PB-700IB	PB-700IB	PB-700IB	PB-950JB
	External dimensions (W/D/H)	mm	700/700/60	700/700/60	700/700/60	950/950/60
	Shipping dimensions (W/D/H)	mm	740/750/115	740/750/115	740/750/115	985/985/115
	Net/Shipping weight	kg	2.8/4.8	2.8/4.8	2.8/4.8	6.0/7.5

Convertible Type



AC12CS1ERA(S)



AC18CS1ERA(S)
AC24CS1ERA(S)

- Flexible installation, on the floor or on the ceiling
- Ultra thin design, only 199mm thick
- Automatic horizontal and vertical swing
- Reserved fresh air inlet



YR-HD

Model/indoor unit			AC12CS1ERA(S)	AC18CS1ERA(S)	AC24CS1ERA(S)
Capacity	Nominal cooling	Btu/h (nor)	12000	17000	22200
		kW nominal (min-max)	3.5(0.9~4.5)	5(1.8~5.8)	6.5(2~7.3)
	Nominal heating	Btu/h (nor)	13300	18800	24200
		kW nominal (min-max)	3.9(1~4.8)	5.5(2~6.5)	7.1(2.5~8.0)
	Cooling P design (35°C)	kW	3.5	5	6.5
	Heating P design (-10°C)	kW	3.4	4.7	5.2
Electrical parameters	Power supply	Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
Performance	Air flow(H/M/L)	m^3/h	650/550/450	800/720/650	850/800/720
	Sound power level (H/M/L)	dB(A)	57/54/49	61/59/57	61/59/57
	Sound pressure level (H/M/L)	dB(A)	44/41/36	48/46/44	48/46/44
Installation	External dimensions (W/D/H)	mm	990/655/199	990/655/199	990/655/199
	Shipping dimensions (W/D/H)	mm	1150/750/300	1150/750/300	1150/750/300
	Net/Shipping weight	kg	26.3/32.3	28.3/34.3	28.3/34.3
	Refrigerant liquid pipe	mm	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	12.7	15.88
	Controller	standard	YR-HD	YR-HD	YR-HD
		optional	Please refer to control system in catalogue		

Low Pressure Slim Duct

AD09SS1ERA(N)



AD12SS1ERA(N)



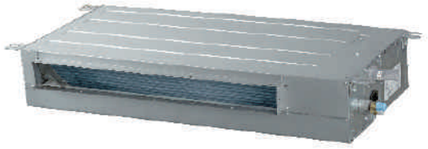


YR-E17

- DC fan motor
- Super slim design, only 185mm
- Reserved fresh air inlet
- Built-in high head drain pump
- Friendly design of rear or bottom air return

Model/ Standard Indoor unit drain pump excluded			AD09SS1ERA(N)	AD12SS1ERA(N)
Capacity	Nominal Cooling	Btu/h (nor)	9200	12000
		kW nominal (min-max)	2.7	3.50(0.9~4.5)
	Nominal Heating	Btu/h (nor)	9550	13650
		kW nominal (min-max)	2.8	4.00(1~4.8)
	Cooling P design(35°C)	kW	/	3.5
	Heating P design(-10°C)	kW	/	3
Electrical parameters	Power supply	Ph/V/Hz	1/220~230/50/60	1/220~230/50/60
Performance	Air flow (H/M/L)	m^3/h	530/460/390	600/480/420
	External static pressure	Pa	0/10/20/30	0/10/20/30
	Sound power level (H/M/L)	dB(A)	50	52
	Sound pressure level (H/M/L)	dB(A)	29/28/25	33/28/25
Installation	External dimensions(W/D/H)	mm	850/420/185	850/420/185
	Shipping dimensions(W/D/H)	mm	1045/540/270	1045/540/270
	Net/Shipping weight	kg	16/21	16/21
	Refrigerant liquid pipe	mm	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52
	Controller	standard	YR-E17	YR-E17
		optional	Please refer to control system in catalogue	
Panel	Panel Model		P1B-890IA/D	P1B-890IA/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)
	Shipping dimensions(W/D/H)	mm	938/335/220	938/335/220
	Net/Shipping weight	kg	4/5	4/5

Low Pressure Slim Duct



AD18SS1ERA(N)



AD24SS1ERA(N)

- DC fan motor
- New design 3D air flow air grille
- Super slim design, only 185mm
- Reserved fresh air inlet
- Built-in high head drain pump



YR-E17

Model/ Standard Indoor unit drain pump excluded			AD18SS1ERA(N)	AD24SS1ERA(N)
Capacity	Nominal Cooling	Btu/h (nor)	17000	24200
		kW nominal (min-max)	5(1.8-6)	7.1(2-7.6)
	Nominal Heating	Btu/h (nor)	18800	24200
		kW nominal (min-max)	5.5(2-6.2)	7.1(3-8.3)
	Cooling P design(35°C)	kW	5	7.1
	Heating P design(-10°C)	kW	5.5	5.6
Electrical parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60
Performance	Air flow (H/M/L)	m3/h	900/750/600	1000/850/750
	External static pressure	Pa	0/10/20/30	0/10/20/30
	Sound power level (H/M/L)	dB(A)	54	57
	Sound pressure level (H/M/L)	dB(A)	36/34/32	38/35/33
Installation	External dimensions(W/D/H)	mm	1170/420/185	1170/420/185
	Shipping dimensions(W/D/H)	mm	1365/540/270	1365/540/270
	Net/Shipping weight	kg	22/28	24/30
	Refrigerant liquid pipe	mm	6.35	9.52
	Refrigerant gas pipe	mm	12.7	15.88
	Controller	standard	YR-E17	YR-E17
		optional	Please refer to control system in catalogue	
Panel	Panel Model		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)
	Shipping dimensions(W/D/H)	mm	1258/335/220	1258/335/220
	Net/Shipping weight	kg	5/6	5/6

Medium Pressure Duct

AD12MS1ERA
AD18MS1ERA



AD12MS1ERA



- DC fan motor
- Ultra thin design, only 250mm
- Adjust pressure: 10/30/50/70Pa by wired controller
- Built-in high head drain pump
- Reserved fresh air inlet
- Friendly design of rear or bottom air return



YR-E17

Model/ Standard Indoor unit (drain pump excluded)			AD12MS1ERA	AD18MS1ERA	AD71S2SM3FA
Capacity	Nominal Cooling	Btu/h	12000	17000	24200
		kW nominal (min-max)	3.50(0.9-4.5)	5(1.8-6)	7.1(2.0-8.2)
	Nominal Heating	Btu/h	13650	18800	27300
		kW nominal (min-max)	4.00(1-4.8)	5.5(2-6.2)	8(2.5-8.5)
	Cooling P design (35°C)	kW	3.5	5	7.1
	Heating P design (-10°C)	kW	2.7	4.5	5.2
Electrical parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
Performance	Air flow (H/M/L)	m³/h	550/460/400	920/750/580	1440/1140/900/800
	External static pressure	Pa	10/30(default)/50/70	10/30(default)/50/70	25/37(default)/50/70/90/ 100/110/120/130/150
	Sound power level (H/M/L)	dB(A)	56	57	58
	Sound pressure level (H/M/L)	dB(A)	36/33/29	36/33/29	39/36/33/30
Installation	External dimensions (W/D/H)	mm	672/655/250	957/655/250	1100/700/248
	Shipping dimensions (W/D/H)	mm	920/820/340	1170/860/340	1270/860/340
	Net/Shipping weight	kg	22/24	28/30	32/37
	Refrigerant liquid pipe	mm	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	12.7	15.88
	Controller	Standard	YR-E17	YR-E17	YR-E17
		Option	Please refer to control system in catalogue		

* Data is pending.

Match Table

2U14CS2ERA(S) for AQUA&Console

COOLING

Comb.	Combinations			Rated capacity output(kW)			Total cooling input(kW)			Total power input(kW)			Total current(A)@230V			EER	ENERGY CLASS	EER(W/W)	ENERGY CLASS
	UnitA	UnitB	UnitC	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data			Rated capacity	
1:2	7	----	----	2.00	----	----	1.05	2.00	2.90	0.24	0.50	0.85	1.2	2.4	4.0	3.98	A	5.60	A+
	9	----	----	2.50	----	----	1.05	2.50	3.00	0.24	0.65	0.95	1.2	3.0	4.4	3.84	A	5.60	A+
	12	----	----	3.50	----	----	1.05	3.50	3.80	0.24	0.91	1.14	1.2	4.3	5.3	3.84	A	5.60	A+
	7	7	----	1.95	1.95	----	1.20	3.90	4.30	0.28	1.02	1.29	1.3	4.7	5.9	3.82	A	5.10	A
	7	9	----	1.70	2.20	----	1.20	3.90	4.30	0.29	1.02	1.32	1.4	4.7	6.0	3.82	A	5.10	A
	7	12	----	1.45	2.55	----	1.20	4.00	4.40	0.29	1.04	1.36	1.4	4.8	6.2	3.83	A	5.10	A
	9	9	----	2.00	2.00	----	1.20	4.00	4.40	0.29	1.10	1.36	1.4	5.0	6.2	3.63	A	5.10	A
	9	12	----	1.80	2.30	----	1.20	4.10	4.50	0.29	1.07	1.40	1.4	4.8	6.3	3.83	A	5.10	A

HEATING

Comb.	Combinations			Rated capacity output(kW)			Total heating input(kW)			Total power input(kW)			Total current(A)@230V			COP	ENERGY CLASS	SCOP(W/W)	ENERGY CLASS
	UnitA	UnitB	UnitC	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data			Rated capacity	
1:2	7	----	----	2.30	----	----	1.20	2.30	3.00	0.28	0.67	1.09	1.4	3.2	5.1	3.41	B	3.30	B
	9	----	----	2.90	----	----	1.20	2.90	3.50	0.28	0.85	1.27	1.4	4.0	5.9	3.42	B	3.30	B
	12	----	----	3.80	----	----	1.20	3.80	4.20	0.28	1.10	1.52	1.4	5.1	7.1	3.45	B	3.30	B
	7	7	----	2.10	2.10	----	1.50	4.20	4.60	0.34	1.09	1.56	1.6	5.0	7.1	3.87	A	3.80	A
	7	9	----	1.80	2.40	----	1.50	4.20	4.70	0.34	1.09	1.60	1.6	5.0	7.3	3.86	A	3.80	A
	7	12	----	1.60	2.80	----	1.50	4.40	4.80	0.34	1.12	1.60	1.6	5.1	7.3	3.94	A	3.80	A
	9	9	----	2.20	2.20	----	1.50	4.40	4.80	0.34	1.14	1.60	1.6	5.2	7.3	3.85	A	3.80	A
	9	12	----	2.00	2.40	----	1.50	4.40	5.00	0.34	1.13	1.65	1.6	5.1	7.4	3.90	A	3.80	A

2U14CS2ERA(S) for Nebula/Zircon

COOLING

Comb.	Combinations			Rated capacity output(kW)			Total cooling input(kW)			Total power input(kW)			Total current(A)@230V			EER	ENERGY CLASS	SEER(W/W)	ENERGY CLASS
	UnitA	UnitB	UnitC	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data			Rated capacity	
1:2	7	----	----	2.00	----	----	1.05	2.00	2.90	0.24	0.48	0.85	1.2	2.2	4.0	4.17	A	6.80	A++
	9	----	----	2.50	----	----	1.05	2.50	3.00	0.24	0.60	0.95	1.2	2.8	4.4	4.17	A	6.80	A++
	12	----	----	3.50	----	----	1.05	3.50	3.80	0.24	0.88	1.14	1.2	4.1	5.3	3.98	A	6.80	A++
	7	7	----	1.95	1.95	----	1.20	3.90	4.30	0.28	1.02	1.29	1.3	4.6	5.9	3.84	A	6.10	A++
	7	9	----	1.70	2.20	----	1.20	3.90	4.30	0.29	1.02	1.32	1.4	4.6	6.0	3.84	A	6.10	A++
	7	12	----	1.45	2.55	----	1.20	4.00	4.40	0.29	1.05	1.36	1.4	4.8	6.2	3.82	A	6.10	A++
	9	9	----	2.00	2.00	----	1.20	4.00	4.40	0.29	1.05	1.36	1.4	4.8	6.2	3.82	A	6.10	A++
	9	12	----	1.80	2.30	----	1.20	4.10	4.50	0.29	1.07	1.40	1.4	4.8	6.3	3.83	A	6.10	A++

HEATING

Comb.	Combinations			Rated capacity output(kW)			Total heatng input(kW)			Total power input(kW)			Total current(A)@230V			COP	ENERGY CLASS	SCOP(W/W)	ENERGY CLASS
	UnitA	UnitB	UnitC	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data			Rated capacity	
1:2	7	----	----	2.30	----	----	1.20	2.30	3.00	0.28	0.67	1.09	1.4	3.2	5.1	3.41	B	3.80	A
	9	----	----	2.90	----	----	1.20	2.90	3.50	0.28	0.85	1.27	1.4	4.0	5.9	3.42	B	3.80	A
	12	----	----	3.80	----	----	1.20	3.80	4.20	0.28	1.10	1.52	1.4	5.2	7.1	3.44	B	3.80	A
	7	7	----	2.10	2.10	----	1.50	4.20	4.60	0.34	1.09	1.56	1.6	5.0	7.1	3.87	A	4.00	A+
	7	9	----	1.80	2.40	----	1.50	4.20	4.70	0.34	1.08	1.60	1.6	5.0	7.3	3.88	A	4.00	A+
	7	12	----	1.60	2.80	----	1.50	4.40	4.80	0.34	1.12	1.60	1.6	5.1	7.3	3.92	A	4.00	A+
	9	9	----	2.20	2.20	----	1.50	4.40	4.80	0.34	1.11	1.60	1.6	5.1	7.3	3.95	A	4.00	A+
	9	12	----	2.00	2.40	----	1.50	4.40	5.00	0.34	1.09	1.65	1.6	4.9	7.4	4.03	A	4.00	A+

Note: Model 2U14CS2ERA(S) can match with wall mounted type, console type and duct type only.

2U18FS2ERA(S) for AQUA&Console

COOLING

Comb.	Combinations			Rated capacity output(kW)			Total cooling input(kW)			Total power input(kW)			Total current(A)@230V			EER	ENERGY CLASS	EER(W/W)	ENERGY CLASS
	UnitA	UnitB	UnitC	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data			Rated capacity	
1:2	7	----	----	2.00	_	----	1.10	2.00	2.90	0.26	0.58	1.00	1.3	2.9	4.7	3.42	A	5.60	A+
	9	----	----	2.50	_	----	1.10	2.50	3.50	0.26	0.73	1.20	1.3	3.7	5.6	3.41	A	5.60	A+
	12	----	----	3.50	_	----	1.10	3.50	4.00	0.26	1.04	1.40	1.3	5.0	6.5	3.35	A	5.60	A+
	7	7	----	2.50	2.50	----	1.30	5.00	5.40	0.33	1.52	1.91	1.6	7.2	8.7	3.30	A	5.10	A
	7	9	----	2.20	2.80	----	1.30	5.00	5.40	0.33	1.52	1.91	1.6	7.3	8.7	3.28	A	5.10	A
	7	12	----	1.85	3.25	----	1.30	5.10	5.60	0.35	1.55	2.00	1.7	7.4	9.2	3.29	A	5.10	A
	9	9	----	2.55	2.55	----	1.30	5.10	5.60	0.35	1.57	2.00	1.6	7.4	9.2	3.24	A	5.10	A
	9	12	----	2.10	3.00	----	1.30	5.10	5.70	0.35	1.58	2.03	1.6	7.5	9.1	3.23	A	5.10	A
	12	12	----	2.55	2.55	----	1.30	5.10	5.80	0.35	1.55	2.07	1.6	7.5	9.3	3.28	A	5.10	A

HEATING

Comb.	Combinations			Rated capacity output(kW)			Total heating input(kW)			Total power input(kW)			Total current(A)@230V			COP	ENERGY CLASS	SCOP(W/W)	ENERGY CLASS
	UnitA	UnitB	UnitC	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data			Rated capacity	
1:2	7	----	----	2.30	_	----	1.30	2.30	3.20	0.36	0.67	1.25	1.7	3.4	5.8	3.43	B	3.30	B
	9	----	----	2.90	_	----	1.30	2.90	3.70	0.36	0.84	1.43	1.7	4.0	6.7	3.45	B	3.30	B
	12	----	----	3.80	_	----	1.30	3.80	4.50	0.36	1.11	1.73	1.7	5.3	8.1	3.42	B	3.30	B
	7	7	----	2.80	2.80	----	1.60	5.60	6.20	0.41	1.54	2.25	1.9	7.4	10.3	3.62	A	3.80	A
	7	9	----	2.50	3.10	----	1.60	5.60	6.20	0.41	1.53	2.25	1.9	7.3	10.3	3.64	A	3.80	A
	7	12	----	2.10	3.70	----	1.70	5.80	6.40	0.42	1.58	2.25	2.0	7.9	10.3	3.67	A	3.80	A
	9	9	----	2.90	2.90	----	1.70	5.80	6.40	0.42	1.58	2.25	2.0	7.9	10.3	3.66	A	3.80	A
	9	12	----	2.40	3.40	----	1.80	5.80	6.50	0.43	1.58	2.28	2.0	7.9	10.2	3.65	A	3.80	A
	12	12	----	2.90	2.90	----	1.90	5.80	6.60	0.45	1.57	2.30	2.1	7.8	10.3	3.69	A	3.80	A

2U18FS2ERA(S) for Nebula/Zircon

COOLING

Comb.	Combinations			Rated capacity output(kW)			Total cooling input(kW)			Total power input(kW)			Total current(A)@230V			EER(W/W)	ENERGY CLASS	EER(W/W)	ENERGY CLASS
	UnitA	UnitB	UnitC	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data			Rated capacity	
1:2	7	----	----	2.00	_	----	1.10	2.00	2.90	0.26	0.57	1.00	1.3	2.8	4.7	3.51	A	6.80	A++
	9	----	----	2.50	_	----	1.10	2.50	3.50	0.26	0.70	1.20	1.3	3.5	5.6	3.50	A	6.80	A++
	12	----	----	3.50	_	----	1.10	3.50	4.00	0.26	1.01	1.40	1.3	4.8	6.5	3.47	A	6.80	A++
	7	7	----	2.50	2.50	----	1.30	5.00	5.40	0.33	1.50	1.91	1.6	7.2	8.7	3.33	A	6.10	A++
	7	9	----	2.20	2.80	----	1.30	5.00	5.40	0.33	1.50	1.91	1.6	7.2	8.7	3.33	A	6.10	A++
	7	12	----	1.85	3.25	----	1.30	5.10	5.60	0.35	1.54	2.00	1.7	7.4	9.2	3.31	A	6.10	A++
	9	9	----	2.55	2.55	----	1.30	5.10	5.60	0.35	1.54	2.00	1.6	7.3	9.2	3.31	A	6.10	A++
	9	12	----	2.10	3.00	----	1.30	5.10	5.70	0.35	1.53	2.03	1.6	7.3	9.1	3.34	A	6.10	A++
	12	12	----	2.55	2.55	----	1.30	5.10	5.80	0.35	1.54	2.07	1.6	7.3	9.3	3.31	A	6.10	A++

HEATING

Comb.	Combinations			Rated capacity output(kW)			Total heating input(kW)			Total power input(kW)			Total current(A)@230V			COP(W/W)	ENERGY CLASS	SCOP(W/W)	ENERGY CLASS
	UnitA	UnitB	UnitC	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data			Rated capacity	
1:2	7	----	----	2.30	_	----	1.30	2.30	3.20	0.36	0.67	1.25	1.7	3.5	5.8	3.41	B	3.80	A
	9	----	----	2.90	_	----	1.30	2.90	3.70	0.36	0.85	1.43	1.7	4.1	6.7	3.42	B	3.80	A
	12	----	----	3.80	_	----	1.30	3.80	4.50	0.36	1.10	1.73	1.7	5.2	8.1	3.44	B	3.80	A
	7	7	----	2.80	2.80	----	1.60	5.60	6.20	0.41	1.53	2.25	1.9	7.3	10.3	3.65	A	4.00	A+
	7	9	----	2.50	3.10	----	1.60	5.60	6.20	0.41	1.53	2.25	1.9	7.4	10.3	3.67	A	4.00	A+
	7	12	----	2.10	3.70	----	1.70	5.80	6.40	0.42	1.57	2.25	2.0	7.8	10.3	3.70	A	4.00	A+
	9	9	----	2.90	2.90	----	1.70	5.80	6.40	0.42	1.56	2.25	2.0	7.7	10.3	3.71	A	4.00	A+
	9	12	----	2.40	3.40	----	1.80	5.80	6.50	0.43	1.56	2.28	2.0	7.6	10.2	3.72	A	4.00	A+
	12	12	----	2.90	2.90	----	1.90	5.80	6.60	0.45	1.55	2.30	2.1	7.6	10.3	3.74	A	4.00	A+

Note: Model 2U18FS2ERA(S) can match with wall mounted type, console type and duct type only.

Match Table

3U19FS1ERA(N)

COOLING

Comb.	Combinations			Rated capacity(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	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x1	7	—	—	2.0	—	—	1.00	2.00	2.80	0.50	0.55	1.30	2.22	2.44	5.77	3.64	A	6.20	A++
	9	—	—	2.5	—	—	1.00	2.50	3.10	0.50	0.70	1.34	2.22	3.11	5.93	3.57	A	6.20	A++
	12	—	—	3.5	—	—	1.00	3.50	4.10	0.50	1.00	1.50	2.22	4.44	6.65	3.50	A	6.20	A++
	15	—	—	4.4	—	—	1.30	4.40	5.00	0.50	1.30	1.90	2.22	5.77	8.43	3.38	A	6.20	A++
	18	—	—	5.0	—	—	1.50	5.00	5.40	0.50	1.50	1.90	2.22	6.65	8.43	3.33	A	6.20	A++
	24	—	—	5.4	—	—	1.50	5.40	7.00	0.50	1.60	2.00	2.22	7.10	8.87	3.38	A	6.20	A++
1x2	7	7	—	2.00	2.00	—	1.00	4.00	5.60	0.50	1.20	2.55	2.22	5.32	11.30	3.33	A	6.40	A++
	7	9	—	2.00	2.50	—	1.00	4.50	5.90	0.50	1.40	2.55	2.22	6.21	11.30	3.21	A	6.40	A++
	7	12	—	1.96	3.44	—	1.00	5.40	6.90	0.50	1.66	2.55	2.22	7.36	11.30	3.25	A	6.40	A++
	7	15		1.69	3.71		1.30	5.40	7.00	0.50	1.66	2.55	2.22	7.36	11.30	3.25	A	6.40	A++
	7	18	—	1.54	3.86	—	1.50	5.40	7.00	0.50	1.66	2.55	2.22	7.36	11.30	3.25	A	6.40	A++
	9	9	—	2.50	2.50	—	1.00	5.00	7.00	0.50	1.32	2.55	2.22	5.83	11.30	3.80	A	6.20	A++
	9	12	—	2.25	3.15	—	1.50	5.40	7.00	0.50	1.61	2.55	2.22	7.14	11.30	3.35	A	6.40	A++
	9	15	—	1.96	3.44	—	1.50	5.40	7.00	0.50	1.61	2.55	2.22	7.14	11.30	3.35	A	6.40	A++
	9	18	—	1.80	3.60	—	1.50	5.40	7.00	0.50	1.61	2.55	2.22	7.14	11.30	3.35	A	6.40	A++
	12	12	—	2.70	2.70	—	1.50	5.40	7.00	0.50	1.61	2.55	2.22	7.14	11.30	3.35	A	6.40	A++
	12	15	—	2.39	3.01	—	1.50	5.40	7.00	0.50	1.61	2.55	2.22	7.14	11.30	3.35	A	6.40	A++
	12	18	—	2.22	3.18	—	1.50	5.40	7.00	0.50	1.61	2.55	2.22	7.14	11.30	3.35	A	6.40	A++
1x3	7	7	7	1.80	1.80	1.80	1.50	5.40	7.00	0.50	1.50	2.55	2.22	6.65	11.30	3.60	A	7.00	A++
	7	7	9	1.66	1.66	2.08	1.50	5.40	7.00	0.50	1.50	2.55	2.22	6.65	11.30	3.60	A	7.00	A++
	7	7	12	1.44	1.44	2.52	1.50	5.40	7.00	0.50	1.50	2.55	2.22	6.65	11.30	3.60	A	7.00	A++
	7	7	15	1.29	1.29	2.83	1.50	5.40	7.00	0.50	1.50	2.55	2.22	6.65	11.30	3.60	A	7.00	A++
	7	7	18	1.20	1.20	3.00	1.50	5.40	7.00	0.50	1.50	2.55	2.22	6.65	11.30	3.60	A	7.00	A++
	7	9	9	1.54	1.93	1.93	1.50	5.40	7.00	0.50	1.40	2.55	2.22	6.21	11.30	3.85	A	7.00	A++
	7	9	12	1.35	1.69	2.36	1.50	5.40	7.00	0.50	1.40	2.55	2.22	6.21	11.30	3.86	A	7.00	A++
	7	12	12	1.20	2.10	2.10	1.50	5.40	7.00	0.50	1.40	2.55	2.22	6.21	11.30	3.86	A	7.00	A++
	9	9	9	1.80	1.80	1.80	1.50	5.40	7.00	0.50	1.32	2.55	2.22	5.84	11.30	4.10	A	7.00	A++
	9	9	12	1.59	1.59	2.22	1.50	5.40	7.00	0.50	1.31	2.55	2.22	5.81	11.30	4.12	A	7.20	A++
	9	12	12	1.42	1.99	1.99	1.50	5.40	7.00	0.50	1.30	2.55	2.22	5.77	11.30	4.15	A	7.20	A++

3U19FS1ERA(N)

HEATING

Comb.	Combinations			Rated capacity(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	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x1	7	—	—	2.3	—	—	1.00	2.30	4.00	0.47	0.60	1.50	2.09	2.66	6.65	3.83	A	3.60	A
	9	—	—	2.9	—	—	1.00	2.90	4.10	0.47	0.80	1.40	2.09	3.55	6.21	3.63	A	3.60	A
	12	—	—	3.8	—	—	1.00	3.80	4.10	0.47	1.05	1.50	2.09	4.66	6.65	3.62	A	3.60	A
	15	—	—	5.4	—	—	1.50	5.40	6.00	0.47	1.45	1.90	2.09	6.43	8.43	3.72	A	3.60	A
	18	—	—	5.5	—	—	1.50	5.50	6.00	0.47	1.49	2.55	2.09	6.61	11.30	3.69	A	3.60	A
	24	—	—	6.5	—	—	1.50	6.50	8.10	0.47	1.80	2.55	2.09	7.99	11.30	3.61	A	3.60	A
1x2	7	7	—	2.30	2.30	—	1.20	4.60	8.00	0.47	1.25	2.30	2.09	5.55	10.20	3.68	A	3.70	A
	7	9	—	2.30	2.90	—	1.20	5.20	8.10	0.47	1.44	2.30	2.09	6.39	10.20	3.61	A	3.70	A
	7	12	—	2.30	3.80	—	1.20	6.10	8.10	0.47	1.67	2.30	2.09	7.41	10.20	3.65	A	3.80	A
	7	15	—	1.94	4.56		1.80	6.50	8.10	0.50	1.80	2.55	2.22	7.99	11.30	3.61	A	3.80	A
	7	18	—	1.92	4.58	—	1.80	6.50	8.10	0.50	1.80	2.55	2.22	7.99	11.30	3.61	A	3.80	A
	9	9	—	3.00	3.00	—	1.80	6.00	8.10	0.50	1.46	2.55	2.22	6.49	11.30	4.10	A	3.80	A
	9	12	—	2.81	3.69	—	1.80	6.50	8.10	0.50	1.76	2.55	2.22	7.81	11.30	3.69	A	3.80	A
	9	15	—	2.27	4.23	—	1.80	6.50	8.10	0.50	1.77	2.55	2.22	7.85	11.30	3.67	A	3.80	A
	9	18	—	2.24	4.26	—	1.80	6.50	8.10	0.50	1.77	2.55	2.22	7.85	11.30	3.67	A	3.80	A
	12	12	—	3.25	3.25	—	1.80	6.50	8.10	0.50	1.77	2.55	2.22	7.85	11.30	3.67	A	3.80	A
	12	15	—	2.68	3.82	—	1.80	6.50	8.10	0.50	1.77	2.55	2.22	7.85	11.30	3.67	A	3.80	A
	12	18	—	2.66	3.84	—	1.80	6.50	8.10	0.50	1.77	2.55	2.22	7.85	11.30	3.67	A	3.80	A
1x3	7	7	7	2.17	2.17	2.17	1.80	6.50	8.10	0.50	1.55	2.55	2.22	6.88	11.30	4.19	A	3.95	A
	7	7	9	1.99	1.99	2.51	1.80	6.50	8.10	0.50	1.60	2.55	2.22	7.10	11.30	4.06	A	3.95	A
	7	7	12	1.78	1.78	2.94	1.80	6.50	8.10	0.50	1.60	2.55	2.22	7.10	11.30	4.06	A	3.95	A
	7	7	15	1.50	1.50	3.51	1.80	6.50	8.10	0.50	1.65	2.55	2.22	7.32	11.30	3.94	A	3.95	A
	7	7	18	1.48	1.48	3.54	1.80	6.50	8.10	0.50	1.65	2.55	2.22	7.32	11.30	3.94	A	3.95	A
	7	9	9	1.85	2.33	2.33	1.80	6.50	8.10	0.50	1.60	2.55	2.22	7.10	11.30	4.06	A	4.00	A+
	7	9	12	1.66	2.09	2.74	1.80	6.50	8.10	0.50	1.55	2.55	2.22	6.88	11.30	4.19	A	4.00	A+
	7	12	12	1.51	2.49	2.49	1.80	6.50	8.10	0.50	1.55	2.55	2.22	6.88	11.30	4.19	A	4.00	A+
	9	9	9	2.17	2.17	2.17	1.80	6.50	8.10	0.50	1.46	2.55	2.22	6.46	11.30	4.46	A	4.00	A+
	9	9	12	1.96	1.96	2.57	1.80	6.50	8.10	0.50	1.45	2.55	2.22	6.43	11.30	4.48	A	4.00	A+
	9	12	12	1.80	2.35	2.35	1.80	6.50	8.10	0.50	1.45	2.55	2.22	6.43	11.30	4.48	A	4.00	A+

Match Table

3U24GS1ERA(N)

COOLING

Comb.	Combinations			Rated capacity(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	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x1	7	—	—	2.0	—	—	1.00	2.00	2.80	0.50	0.55	1.30	2.22	2.44	5.8	3.64	A	6.20	A++
	9	—	—	2.5	—	—	1.00	2.50	3.10	0.50	0.70	1.34	2.22	3.11	5.9	3.57	A	6.20	A++
	12	—	—	3.5	—	—	1.00	3.50	4.10	0.50	1.00	1.65	2.22	4.44	7.3	3.50	A	6.20	A++
	15	—	—	4.4	—	—	1.30	4.40	5.20	0.50	1.23	1.90	2.22	5.46	8.43	3.58	A	6.20	A++
	18	—	—	5.0	—	—	1.50	5.00	5.40	0.50	1.45	2.00	2.22	6.43	8.9	3.45	A	6.20	A++
	24	—	—	6.5	—	—	1.50	6.50	7.40	0.50	1.90	2.60	2.22	8.43	11.5	3.42	A	6.20	A++
1x2	7	7	—	2.00	2.00	—	1.00	4.00	5.60	0.50	1.20	2.60	2.22	5.32	11.5	3.33	A	6.40	A++
	7	9	—	2.00	2.50	—	1.00	4.50	5.90	0.50	1.40	2.64	2.22	6.21	11.7	3.21	A	6.40	A++
	7	12	—	2.00	3.50	—	1.00	5.50	6.90	0.50	1.70	2.95	2.22	7.54	13.1	3.24	A	6.40	A++
	7	15	—	2.00	4.40	—	1.00	6.40	8.20	0.50	1.95	3.00	2.22	8.65	13.3	3.28	A	6.40	A++
	7	18	—	1.91	4.79	—	1.50	6.70	8.20	0.50	2.07	3.00	2.22	9.18	13.3	3.24	A	6.40	A++
	9	9	—	2.50	2.50	—	1.00	5.00	6.20	0.50	1.55	2.68	2.22	6.88	11.9	3.23	A	6.40	A++
	9	12	—	2.50	3.50	—	1.00	6.00	7.20	0.50	1.80	2.99	2.22	7.99	13.3	3.33	A	6.40	A++
	9	15	—	2.43	4.27	—	1.50	6.70	8.20	0.50	2.00	3.00	2.22	8.87	13.3	3.35	A	6.40	A++
	9	18	—	2.23	4.47	—	1.50	6.70	8.20	0.50	2.00	3.00	2.22	8.87	13.3	3.35	A	6.40	A++
	12	12	—	3.35	3.35	—	1.00	6.70	8.20	0.50	1.97	3.00	2.22	8.74	13.3	3.40	A	6.20	A++
	12	15	—	2.97	3.73	—	1.50	6.70	8.20	0.50	2.00	3.00	2.22	8.87	13.3	3.35	A	6.40	A++
	12	18	—	2.76	3.94	—	1.50	6.70	8.20	0.50	2.00	3.00	2.22	8.87	13.3	3.35	A	6.40	A++
1x3	7	7	7	2.00	2.00	2.00	1.00	6.00	8.20	0.50	1.70	3.00	2.22	7.54	13.3	3.53	A	6.90	A++
	7	7	9	2.00	2.00	2.50	1.00	6.50	8.20	0.50	1.79	3.00	2.22	7.94	13.3	3.63	A	6.90	A++
	7	7	12	1.79	1.79	3.13	1.00	6.70	8.20	0.50	1.79	3.00	2.22	7.94	13.3	3.74	A	6.90	A++
	7	7	15	1.60	1.60	3.51	1.50	6.70	8.20	0.50	1.79	3.00	2.22	7.94	13.3	3.74	A	6.90	A++
	7	7	18	1.49	1.49	3.72	1.50	6.70	8.20	0.50	1.79	3.00	2.22	7.94	13.3	3.74	A	6.90	A++
	7	9	9	1.91	2.39	2.39	1.00	6.70	8.20	0.50	1.76	3.00	2.22	7.81	13.3	3.81	A	6.90	A++
	7	9	12	1.68	2.09	2.93	1.00	6.70	8.20	0.50	1.76	3.00	2.22	7.81	13.3	3.81	A	7.00	A++
	7	12	12	1.49	2.61	2.61	1.00	6.70	8.20	0.50	1.76	3.00	2.22	7.81	13.3	3.81	A	7.00	A++
	9	9	9	2.23	2.23	2.23	1.00	6.70	8.20	0.50	1.68	3.00	2.22	7.43	13.3	4.00	A	7.00	A++
	9	9	12	1.97	1.97	2.76	1.00	6.70	8.20	0.50	1.67	3.00	2.22	7.41	13.3	4.01	A	7.00	A++
	9	12	12	1.76	2.47	2.47	1.00	6.70	8.20	0.50	1.67	3.00	2.22	7.41	13.3	4.01	A	7.00	A++

3U24GS1ERA(N)

HEATING

Comb.	Combinations			Rated capacity(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	UnitA	UnitB	UnitC	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x1	7	—	—	2.3	—	—	1.00	2.30	4.00	0.47	0.60	1.40	2.09	2.66	6.21	3.83	A	3.62	A
	9	—	—	2.9	—	—	1.00	2.90	4.10	0.47	0.80	1.50	2.09	3.55	6.65	3.63	A	3.62	A
	12	—	—	3.8	—	—	1.00	3.80	4.10	0.47	1.05	1.65	2.09	4.66	7.32	3.62	A	3.62	A
	15	—	—	5.4	—	—	1.30	5.40	6.00	0.47	1.43	1.90	2.09	6.34	8.43	3.78	A	3.60	A
	18	—	—	5.5	—	—	1.50	5.50	6.00	0.47	1.50	2.00	2.09	6.65	8.87	3.67	A	3.62	A
	24	—	—	7.1	—	—	1.50	7.00	8.60	0.47	1.80	2.60	2.09	7.99	11.54	3.89	A	3.62	A
1x2	7	7	—	2.30	2.30	—	1.20	4.60	8.00	0.47	1.25	3.00	2.50	5.55	13.31	3.68	A	3.71	A
	7	9	—	2.30	2.90	—	1.20	5.20	8.10	0.47	1.43	2.90	2.50	6.34	12.87	3.64	A	3.71	A
	7	12	—	2.30	3.80	—	1.20	6.10	8.10	0.47	1.67	3.00	2.50	7.41	13.31	3.65	A	3.71	A
	7	15	—	2.30	5.40	—	1.80	7.70	9.00	0.50	2.10	3.00	2.65	9.32	13.31	3.67	A	3.77	A
	7	18	—	2.30	5.50	—	1.80	7.80	9.00	0.50	2.14	3.00	2.65	9.49	13.31	3.64	A	3.77	A
	9	9	—	2.90	2.90	—	1.80	5.80	8.20	0.50	1.60	3.00	2.65	7.10	13.31	3.63	A	3.77	A
	9	12	—	2.90	3.80	—	1.80	6.70	8.20	0.50	1.85	3.00	2.50	8.21	13.31	3.62	A	3.77	A
	9	15	—	2.80	5.20	—	1.80	8.00	9.00	0.50	2.20	3.00	2.50	9.76	13.31	3.64	A	3.82	A
	9	18	—	2.76	5.24	—	1.80	8.00	9.00	0.50	2.20	3.00	2.50	9.76	13.31	3.64	A	3.82	A
	12	12	—	3.70	3.70	—	1.80	7.40	8.20	0.50	7.85	3.00	2.65	8.21	13.31	4.00	A	3.80	A
	12	15	—	3.30	4.70	—	1.80	8.00	9.00	0.50	2.20	3.00	2.65	9.76	13.31	3.64	A	3.82	A
	12	18	—	3.27	4.73	—	1.80	8.00	9.00	0.50	2.20	3.00	2.65	9.76	13.31	3.64	A	3.82	A
1x3	7	7	7	2.30	2.30	2.30	1.80	6.90	9.00	0.50	1.85	3.00	2.50	8.21	13.31	3.73	A	3.90	A
	7	7	9	2.30	2.30	2.90	1.80	7.50	9.00	0.50	1.90	3.00	2.65	8.43	13.31	3.95	A	3.90	A
	7	7	12	2.19	2.19	3.62	1.80	8.00	9.00	0.50	1.90	3.00	2.65	8.43	13.31	4.21	A	3.90	A
	7	7	15	1.84	1.84	4.32	1.80	8.00	9.00	0.50	1.95	3.00	2.50	8.65	13.31	4.10	A	3.90	A
	7	7	18	1.82	1.82	4.36	1.80	8.00	9.00	0.50	1.95	3.00	2.50	8.65	13.31	4.10	A	3.90	A
	7	9	9	2.27	2.86	2.86	1.80	8.00	9.00	0.50	1.90	3.00	2.50	8.43	13.31	4.21	A	4.00	A+
	7	9	12	2.04	2.58	3.38	1.80	8.00	9.00	0.50	1.85	3.00	2.50	8.21	13.31	4.32	A	4.00	A+
	7	12	12	1.86	3.07	3.07	1.80	8.00	9.00	0.50	1.88	3.00	2.50	8.34	13.31	4.25	A	4.00	A+
	9	9	9	2.67	2.67	2.67	1.80	8.00	9.00	0.50	1.83	3.00	2.50	8.10	13.31	4.38	A	4.00	A+
	9	9	12	2.42	2.42	3.17	1.80	8.00	9.00	0.50	1.82	3.00	2.50	8.07	13.31	4.39	A	4.00	A+
	9	12	12	2.21	2.90	2.90	1.80	8.00	9.00	0.50	1.82	3.00	2.50	8.07	13.31	4.40	A	4.00	A+

Match Table

4U26HS1ERA

COOLING

Comb.	Combinations				Rated capacity(Kw) (Nom. Heating)				Total heating capacity(kW)			Total power input(kW)			Total current(A)@230V			COP(W/W)	ENERGY LABEL	SCOP (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	Rated capacity			
1x1	7	—	—	—	2.0	—	—	—	1.00	2.00	2.80	0.50	0.56	1.30	2.22	2.48	5.77	3.57	A	6.20	A++
	9	—	—	—	2.5	—	—	—	1.00	2.50	3.10	0.50	0.70	1.34	2.22	3.11	5.93	3.57	A	6.20	A++
	12	—	—	—	3.5	—	—	—	1.00	3.50	4.10	0.50	1.00	1.50	2.22	4.44	6.65	3.50	A	6.20	A++
	15	—	—	—	4.4	—	—	—	1.30	4.40	5.20	0.50	1.27	1.90	2.22	5.63	8.43	3.46	A	6.20	A++
	18	—	—	—	5.0	—	—	—	1.50	5.00	5.40	0.50	1.50	1.90	2.22	6.65	8.43	3.33	A	6.20	A++
	24	—	—	—	6.5	—	—	—	1.50	6.50	7.40	0.50	2.00	3.00	2.22	8.87	13.31	3.25	A	6.20	A++
1x2	7	15	—	—	2.00	4.40	—	—	1.00	6.40	7.80	0.50	1.95	3.43	2.15	9.42	15.20	3.28	A	6.40	A++
	7	18	—	—	2.00	5.00	—	—	1.00	7.00	8.20	0.50	2.16	3.43	2.15	10.43	15.20	3.24	A	6.40	A++
	7	24	—	—	1.79	5.81	—	—	1.00	7.60	9.00	0.55	2.30	3.43	2.50	11.11	15.20	3.30	A	6.40	A++
	9	15	—	—	2.50	4.40	—	—	1.00	6.90	8.50	0.50	1.95	3.43	2.15	9.42	15.20	3.54	A	6.20	A++
	9	18	—	—	2.33	4.67	—	—	1.00	7.00	8.50	0.50	2.00	3.43	2.15	9.66	15.20	3.50	A	6.20	A++
	9	24	—	—	2.11	5.49	—	—	1.00	7.60	9.00	0.55	2.35	3.43	2.50	11.35	15.20	3.23	A	6.40	A++
	12	12	—	—	3.50	3.50	—	—	1.00	7.00	8.20	0.50	2.10	3.43	2.15	10.14	15.20	3.33	A	6.40	A++
	12	15	—	—	3.37	4.23	—	—	1.00	7.60	9.00	0.50	2.32	3.43	2.15	11.21	15.20	3.28	A	6.40	A++
	12	18	—	—	3.10	4.40	—	—	1.00	7.50	9.00	0.50	2.30	3.43	2.15	11.11	15.20	3.26	A	6.20	A++
	12	24	—	—	2.66	4.94	—	—	1.00	7.60	9.00	0.55	2.32	3.43	2.50	11.21	15.20	3.28	A	6.40	A++
	18	18	—	—	3.80	3.80	—	—	1.00	7.60	9.00	0.55	2.32	3.43	2.50	11.21	15.20	3.28	A	6.40	A++
	18	24	—	—	3.30	4.30	—	—	1.00	7.60	9.00	0.55	2.32	3.43	2.50	11.21	15.20	3.28	A	6.40	A++
1x3	7	7	9	—	2.00	2.00	2.50	—	1.20	6.50	8.70	0.55	2.00	3.43	2.50	9.66	15.20	3.25	A	6.60	A++
	7	7	12	—	2.00	2.00	3.50	—	1.20	7.50	9.00	0.55	2.12	3.43	2.50	10.24	15.20	3.54	A	6.60	A++
	7	7	15	—	1.81	1.81	3.98	—	1.20	7.60	9.00	0.55	2.12	3.43	2.50	10.24	15.20	3.58	A	6.60	A++
	7	7	18	—	1.69	1.69	4.22	—	1.20	7.60	9.00	0.55	2.12	3.43	2.50	10.24	15.20	3.58	A	6.60	A++
	7	7	24	—	1.45	1.45	4.70	—	1.20	7.60	9.00	0.55	2.12	3.43	3.50	10.24	15.20	3.58	A	6.80	A++
	7	9	9	—	2.00	2.50	2.50	—	1.20	7.00	9.00	0.55	2.12	3.43	2.50	10.24	15.20	3.30	A	6.80	A++
	7	9	12	—	1.90	2.38	3.33	—	1.20	7.60	9.00	0.55	2.12	3.43	2.50	10.24	15.20	3.58	A	6.80	A++
	7	9	15	—	1.71	2.13	3.76	—	1.20	7.60	9.00	0.55	2.12	3.43	2.50	10.24	15.20	3.58	A	7.00	A++
	7	9	18	—	1.60	2.00	4.00	—	1.20	7.60	9.00	0.55	2.12	3.43	2.50	10.24	15.20	3.58	A	7.00	A++
	7	12	12	—	1.69	2.96	2.96	—	1.20	7.60	9.00	0.55	2.12	3.43	2.50	10.24	15.20	3.58	A	7.00	A++
	7	12	15	—	1.54	2.69	3.38	—	1.20	7.60	9.00	0.55	2.12	3.43	2.50	10.24	15.20	3.58	A	7.00	A++
	7	12	18	—	1.45	2.53	3.62	—	1.20	7.60	9.00	0.55	2.12	3.43	2.50	10.24	15.20	3.58	A	7.00	A++
	9	9	9	—	2.50	2.50	2.50	—	1.20	7.60	9.00	0.55	2.00	3.43	2.50	9.66	15.20	3.80	A	7.00	A++
	9	9	12	—	2.24	2.24	3.13	—	1.20	7.60	9.00	0.55	2.00	3.43	2.50	9.66	15.20	3.80	A	7.00	A++
	9	9	15	—	2.02	2.02	3.56	—	1.20	7.60	9.00	0.55	2.00	3.43	2.50	9.66	15.20	3.80	A	7.00	A++
	9	9	18	—	1.90	1.90	3.80	—	1.20	7.60	9.00	0.55	2.00	3.43	2.50	9.66	15.20	3.80	A	7.00	A++
	9	12	12	—	2.00	2.80	2.80	—	1.20	7.60	9.00	0.55	2.00	3.43	2.50	9.66	15.20	3.80	A	7.00	A++
	12	12	12	—	2.53	2.53	2.53	—	1.20	7.60	9.00	0.55	2.00	3.43	2.50	9.66	15.20	3.80	A	7.00	A++
	12	12	15	—	2.33	2.33	2.93	—	1.20	7.60	9.00	0.55	2.00	3.43	2.50	9.66	15.20	3.80	A	7.00	A++
	12	12	18	—	2.22	2.22	3.17	—	1.20	7.60	9.00	0.55	2.00	3.43	2.50	9.66	15.20	3.80	A	7.00	A++
1x4	7	7	7	7	1.90	1.90	1.90	1.90	1.50	7.60	9.00	0.55	1.98	3.43	2.85	9.57	15.20	3.84	A	7.00	A++
	7	7	7	9	1.79	1.79	1.79	2.24	1.50	7.60	9.00	0.55	1.98	3.43	2.85	9.57	15.20	3.84	A	7.00	A++
	7	7	7	12	1.60	1.60	1.60	2.80	1.50	7.60	9.00	0.55	1.98	3.43	2.85	9.57	15.20	3.84	A	7.00	A++
	7	7	7	15	1.46	1.46	1.46	3.22	1.50	7.60	9.00	0.55	1.98	3.43	2.85	9.57	15.20	3.84	A	7.00	A++
	7	7	7	18	1.38	1.38	1.38	3.45	1.50	7.60	9.00	0.55	1.98	3.43	2.85	9.57	15.20	3.84	A	7.00	A++
	7	7	9	9	1.69	1.69	2.11	2.11	1.50	7.60	9.00	0.55	1.98	3.43	2.85	9.57	15.20	3.84	A	7.00	A++
	7	7	9	12	1.52	1.52	1.90	2.66	1.50	7.60	9.00	0.55	1.98	3.43	2.85	9.57	15.20	3.84	A	7.00	A++
	7	9	9	9	1.60	2.00	2.00	2.00	1.50	7.60	9.00	0.55	1.98	3.43	2.85	9.57	15.20	3.84	A	7.00	A++
	7	9	9	12	1.45	1.81	1.81	2.53	1.50	7.60	9.00	0.55	1.98	3.43	2.85	9.57	15.20	3.84	A	7.00	A++
	9	9	9	9	1.90	1.90	1.90	1.90	1.50	7.60	9.00	0.55	1.98	3.43	2.85	9.57	15.20	3.84	A	7.00	A++
	9	9	9	12	1.73	1.73	1.73	2.42	1.50	7.60	9.00	0.55	1.98	3.43	2.85	9.57	15.20	3.84	A	7.00	A++

4U26HS1ERA

HEATING

Comb.	Combinations				Rated capacity(Kw) (Nom. Heating)				Total heating capacity(kW)			Total power input(kW)			Total current(A)@230V			COP(W/W)	ENERGY LABEL	SCOP (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	Rated capacity			
1x1	7	—	—	—	2.3	—	—	—	1.00	2.30	4.00	0.55	0.60	1.50	2.44	2.66	6.65	3.83	A	3.65	A
	9	—	—	—	2.9	—	—	—	1.00	2.90	4.10	0.55	0.80	1.40	2.44	3.55	6.21	3.63	A	3.65	A
	12	—	—	—	3.8	—	—	—	1.00	3.80	4.10	0.55	1.04	1.50	2.44	4.61	6.65	3.65	A	3.65	A
	15	—	—	—	5.4	—	—	—	1.30	5.40	6.00	0.47	1.47	1.90	2.09	6.52	8.43	3.67	A	3.65	A
	18	—	—	—	5.5	—	—	—	1.50	5.50	6.00	0.55	1.50	2.60	2.44	6.65	11.54	3.67	A	3.65	A
	24	—	—	—	7.0	—	—	—	1.50	7.00	8.60	0.55	1.91	2.60	2.44	8.47	11.54	3.67	A	3.65	A
1x2	7	15	—	—	2.30	5.40	—	—	1.20	7.70	9.50	0.50	2.10	3.43	2.15	9.32	15.20	3.67	A	3.75	A
	7	18	—	—	2.30	5.50	—	—	1.20	7.80	9.50	0.50	2.13	3.43	2.15	9.45	15.20	3.66	A	3.75	A
	7	24	—	—	2.13	6.47	—	—	1.20	8.60	9.50	0.55	2.33	3.43	2.50	10.34	15.20	3.69	A	3.80	A
	9	15	—	—	2.90	5.40	—	—	1.20	8.30	9.50	0.50	2.28	3.43	2.15	10.12	15.20	3.64	A	3.80	A
	9	18	—	—	2.90	5.50	—	—	1.20	8.40	9.50	0.50	2.30	3.43	2.15	10.20	15.20	3.65	A	3.80	A
	9	24	—	—	2.52	6.08	—	—	1.20	8.60	9.50	0.55	2.35	3.43	2.50	10.43	15.20	3.66	A	3.80	A
	12	12	—	—	3.80	3.80	—	—	1.20	7.60	8.20	0.50	2.10	3.43	2.15	9.32	15.20	3.62	A	3.75	A
	12	15	—	—	3.55	5.05	—	—	1.20	8.60	9.50	0.50	2.36	3.43	2.15	10.47	15.20	3.64	A	3.80	A
	12	18	—	—	3.40	5.00	—	—	1.20	8.40	9.50	0.50	2.33	3.43	2.15	10.32	15.20	3.61	A	3.80	A
	12	24	—	—	3.03	5.57	—	—	1.20	8.60	9.50	0.55	2.34	3.43	2.50	10.38	15.20	3.67	A	3.80	A
	18	18	—	—	4.30	4.30	—	—	1.20	8.60	9.50	0.55	2.35	3.43	2.50	10.43	15.20	3.66	A	3.80	A
	18	24	—	—	3.78	4.82	—	—	1.50	8.60	9.50	0.55	2.35	3.43	2.50	10.43	15.20	3.66	A	3.80	A
1x3	7	7	—	—	2.30	2.30	2.90	—	1.50	7.50	9.50	0.55	2.07	3.43	2.50	9.18	15.20	3.62	A	3.90	A
	7	7	12	—	2.30	2.30	3.80	—	1.50	8.40	9.50	0.55	2.16	3.43	2.50	9.58	15.20	3.89	A	3.90	A
	7	7	15	—	1.98	1.98	4.64	—	1.50	8.60	9.50	0.55	2.26	3.43	2.50	10.02	15.20	3.81	A	3.90	A
	7	7	18	—	1.96	1.96	4.68	—	1.50	8.60	9.50	0.55	2.26	3.43	2.50	10.02	15.20	3.81	A	3.90	A
	7	7	24	—	1.71	1.71	5.19	—	1.80	8.60	9.50	0.55	2.31	3.43	2.50	10.24	15.20	3.72	A	3.80	A
	7	9	9	—	2.30	2.90	2.90	—	1.50	8.10	9.50	0.55	2.21	3.43	2.50	9.80	15.20	3.67	A	3.90	A
	7	9	12	—	2.20	2.77	3.63	—	1.50	8.60	9.50	0.55	2.21	3.43	2.50	9.80	15.20	3.89	A	3.90	A
	7	9	15	—	1.87	2.35	4.38	—	1.50	8.60	9.50	0.55	2.26	3.43	2.50	10.02	15.20	3.81	A	3.90	A
	7	9	18	—	1.85	2.33	4.42	—	1.50	8.60	9.50	0.55	2.26	3.43	2.50	10.02	15.20	3.81	A	3.90	A
	7	12	12	—	2.00	3.30	3.30	—	1.50	8.60	9.50	0.55	2.21	3.43	2.50	9.80	15.20	3.89	A	3.90	A
	7	12	15	—	1.72	2.84	4.04	—	1.50	8.60	9.50	0.55	2.26	3.43	2.50	10.02	15.20	3.81	A	3.90	A
	7	12	18	—	1.71	2.82	4.08	—	1.50	8.60	9.50	0.55	2.26	3.43	2.50	10.02	15.20	3.81	A	3.90	A
	9	9	9	—	2.87	2.87	2.87	—	1.50	8.60	9.50	0.55	2.18	3.43	2.50	9.66	15.20	3.95	A	4.00	A+
	9	9	12	—	2.60	2.60	3.40	—	1.50	8.60	9.50	0.55	2.18	3.43	2.50	9.66	15.20	3.95	A	4.00	A+
	9	9	15	—	2.23	2.23	4.15	—	1.50	8.60	9.50	0.55	2.18	3.43	2.50	9.66	15.20	3.95	A	4.00	A+
	9	9	18	—	2.21	2.21	4.19	—	1.50	8.60	9.50	0.55	2.18	3.43	2.50	9.66	15.20	3.95	A	4.00	A+
	9	12	12	—	2.38	3.11	3.11	—	1.50	8.60	9.50	0.55	2.18	3.43	2.50	9.66	15.20	3.95	A	4.00	A+
	12	12	12	—	2.87	2.87	2.87	—	1.50	8.60	9.50	0.55	2.18	3.43	2.50	9.66	15.20	3.95	A	4.00	A+
	12	12	15	—	2.51	2.51	3.57	—	1.50	8.60	9.50	0.55	2.18	3.43	2.50	9.66	15.20	3.95	A	4.00	A+
	12	12	18	—	2.49	2.49	3.61	—	1.50	8.60	9.50	0.55	2.18	3.43	2.50	9.66	15.20	3.95	A	4.00	A+
1x4	7	7	7	7	2.15	2.15	2.15	2.15	1.80	8.60	9.50	0.55	2.15	3.43	2.85	9.54	15.20	4.00	A	4.00	A+
	7	7	7	9	2.02	2.02	2.02	2.54	1.80	8.60	9.50	0.55	2.15	3.43	2.85	9.54	15.20	4.00	A	4.00	A+
	7	7	7	12	1.85	1.85	1.85	3.05	1.80	8.60	9.50	0.55	2.15	3.43	2.85	9.54	15.20	4.00	A	4.00	A+
	7	7	7	15	1.61	1.61	1.61	3.78	1.80	8.60	9.50	0.55	2.15	3.43	2.85	9.54	15.20	4.00	A	4.00	A+
	7	7	7	18	1.60	1.60	1.60	3.81	1.80	8.60	9.50	0.55	2.15	3.43	2.85	9.54	15.20	4.00	A	4.00	A+
	7	7	9	9	1.90	1.90	2.40	2.40	1.80	8.60	9.50	0.55	2.15	3.43	2.85	9.54	15.20	4.00	A	4.00	A+
	7	7	9	12	1.75	1.75	2.21	2.89	1.80	8.60	9.50	0.55	2.15	3.43	2.85	9.54	15.20	4.00	A	4.00	A+
	7	9	9	9	1.80	2.27	2.27	2.27	1.80	8.60	9.50	0.55	2.15	3.43	2.85	9.54	15.20	4.00	A	4.00	A+
	7	9	9	12	1.66	2.10	2.10	2.75	1.80	8.60	9.50	0.55	2.15	3.43	2.85	9.54	15.20	4.00	A	4.00	A+
	9	9	9	9	2.15	2.15	2.15	2.15	1.80	8.60	9.50	0.55	2.15	3.43	2.85	9.54	15.20	4.00	A	4.00	A+
	9	9	9	12	2.00	2.00	2.00	2.61	1.80	8.60	9.50	0.55	2.15	3.43	2.85	9.54	15.20	4.00	A	4.00	A+

Match Table

4U30HS1ERA

COOLING

Comb.	Combinations				Rated capacity(Kw) (Nom. Heating)				Total heating capacity(kW)			Total power input(kW)			Total current(A)@230V			COP(W/W)	ENERGY LABEL	SCOP (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	Rated capacity			
1x1	7	—	—	—	2.0	—	—	—	1.00	2.00	2.80	0.50	0.56	1.30	2.22	2.48	5.77	3.57	A	6.20	A++
	9	—	—	—	2.5	—	—	—	1.00	2.50	3.10	0.50	0.70	1.34	2.22	3.11	5.93	3.57	A	6.20	A++
	12	—	—	—	3.5	—	—	—	1.00	3.50	4.10	0.50	1.00	1.50	2.22	4.44	6.65	3.50	A	6.20	A++
	15	—	—	—	4.4	—	—	—	1.30	4.40	5.20	0.50	1.30	1.90	2.22	5.77	8.43	3.38	A	6.20	A++
	18	—	—	—	5.0	—	—	—	1.50	5.00	5.40	0.50	1.50	1.90	2.22	6.65	8.43	3.33	A	6.20	A++
	24	—	—	—	6.5	—	—	—	1.50	6.50	7.40	0.50	2.00	3.00	2.22	8.87	13.31	3.25	A	6.20	A++
1x2	7	24	—	—	2.00	6.50	—	—	1.00	8.50	9.80	0.55	2.62	3.72	2.15	11.62	16.50	3.24	A	6.20	A++
	9	18	—	—	2.50	5.00	—	—	1.00	7.50	8.50	0.55	2.30	3.72	2.15	10.20	16.50	3.26	A	6.20	A++
	9	24	—	—	2.44	6.36	—	—	1.00	8.80	9.80	0.55	2.74	3.72	2.15	12.16	16.50	3.21	A	6.20	A++
	12	15	—	—	3.50	4.40	—	—	1.00	7.90	9.50	0.55	2.31	3.72	2.15	10.27	16.50	3.41	A	6.20	A++
	12	18	—	—	3.50	5.00	—	—	1.00	8.50	9.50	0.55	2.65	3.72	2.15	10.75	16.50	3.21	A	6.20	A++
	12	24	—	—	3.08	5.72	—	—	1.00	8.80	9.80	0.55	2.72	3.72	2.15	12.07	16.50	3.24	A	6.20	A++
	18	18	—	—	4.40	4.40	—	—	1.00	8.80	9.80	0.55	2.70	3.72	2.15	11.98	16.50	3.26	A	6.20	A++
	18	24	—	—	3.83	4.97	—	—	1.00	8.80	9.80	0.55	2.70	3.72	2.15	11.98	16.50	3.26	A	6.20	A++
	24	24	—	—	4.40	4.40	—	—	1.00	8.80	9.80	0.55	2.70	3.72	2.15	11.98	16.50	3.26	A	6.20	A++
1x3	7	7	18	—	1.96	1.96	4.89	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.70	A++
	7	7	24	—	1.68	1.68	5.45	—	1.50	8.80	9.80	0.55	2.50	3.72	2.50	11.09	16.50	3.52	A	6.70	A++
	7	9	12	—	2.00	2.50	3.50	—	1.50	8.00	9.80	0.55	2.30	3.72	2.50	10.20	16.50	3.48	A	6.70	A++
	7	9	15	—	1.98	2.47	4.35	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.70	A++
	7	9	18	—	1.85	2.32	4.63	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.70	A++
	7	9	24	—	1.60	2.00	5.20	—	1.50	8.80	9.80	0.55	2.50	3.72	2.50	11.09	16.50	3.52	A	6.70	A++
	7	12	12	—	1.96	3.42	3.42	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.70	A++
	7	12	15	—	1.78	3.11	3.91	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.70	A++
	7	12	18	—	1.68	2.93	4.19	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.70	A++
	7	12	24	—	1.47	2.57	4.77	—	1.50	8.80	9.80	0.55	2.50	3.72	2.50	11.09	16.50	3.52	A	6.70	A++

4U30HS1ERA

COOLING

Comb.	Combinations				Rated capacity(Kw) (Nom. Heating)				Total heating capacity(kW)			Total power input(kW)			Total current(A)@230V			COP(W/W)	ENERGY LABEL	SCOP (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	Rated capacity			
1x3	9	9	9	—	2.50	2.50	2.50	—	1.50	7.50	9.30	0.55	2.30	3.72	2.50	10.20	16.50	3.26	A	6.72	A++
	9	9	12	—	2.50	2.50	3.50	—	1.50	8.50	9.80	0.55	2.35	3.72	2.50	10.43	16.50	3.62	A	6.72	A++
	9	9	15	—	2.34	2.34	4.12	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.74	A++
	9	9	18	—	2.20	2.20	4.40	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.74	A++
	9	9	24	—	1.91	1.91	4.97	—	1.50	8.80	9.80	0.55	2.50	3.72	2.50	11.09	16.50	3.52	A	6.70	A++
	9	12	12	—	2.32	3.24	3.24	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.73	A++
	9	12	15	—	2.12	2.96	3.72	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.70	A++
	9	12	18	—	2.00	2.80	4.00	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.70	A++
	9	12	24	—	1.76	2.46	4.58	—	1.50	8.80	9.80	0.55	2.50	3.72	2.50	11.09	16.50	3.52	A	6.70	A++
	12	12	12	—	2.93	2.93	2.93	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.75	A++
	12	12	15	—	2.70	2.70	3.40	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.70	A++
	12	12	18	—	2.57	2.57	3.67	—	1.50	8.80	9.80	0.55	2.40	3.72	2.50	10.65	16.50	3.67	A	6.70	A++
	12	12	24	—	2.28	2.28	4.24	—	1.50	8.80	9.80	0.55	2.45	3.72	2.50	10.87	16.50	3.59	A	6.70	A++
	12	18	18	—	2.28	3.26	3.26	—	1.50	8.80	9.80	0.55	2.50	3.72	2.50	11.09	16.50	3.52	A	6.70	A++
1x4	7	7	7	7	2.00	2.00	2.00	2.00	1.50	8.00	9.80	0.55	2.44	3.72	2.85	10.83	16.50	3.28	A	6.80	A++
	7	7	7	9	2.00	2.00	2.00	2.50	1.50	8.50	9.80	0.55	2.46	3.72	2.85	10.91	16.50	3.46	A	6.80	A++
	7	7	7	12	1.85	1.85	1.85	3.24	1.50	8.80	9.80	0.55	2.46	3.72	2.85	10.91	16.50	3.58	A	6.80	A++
	7	7	7	15	1.69	1.69	1.69	3.72	1.50	8.80	9.80	0.55	2.47	3.72	2.85	10.96	16.50	3.56	A	6.80	A++
	7	7	7	18	1.60	1.60	1.60	4.00	1.50	8.80	9.80	0.55	2.47	3.72	2.85	10.96	16.50	3.56	A	6.80	A++
	7	7	7	24	1.41	1.41	1.41	4.58	1.50	8.80	9.80	0.55	2.46	3.72	2.85	10.91	16.50	3.58	A	6.70	A++
	7	7	9	9	1.96	1.96	2.44	2.44	1.50	8.80	9.80	0.55	2.46	3.72	2.85	10.91	16.50	3.58	A	6.80	A++
	7	7	9	12	1.76	1.76	2.20	3.08	1.50	8.80	9.80	0.55	2.46	3.72	2.85	10.91	16.50	3.58	A	6.80	A++
	7	7	9	15	1.61	1.61	2.02	3.55	1.50	8.80	9.80	0.55	2.44	3.72	2.85	10.83	16.50	3.61	A	6.80	A++
	7	7	9	18	1.53	1.53	1.91	3.83	1.50	8.80	9.80	0.55	2.44	3.72	2.85	10.83	16.50	3.61	A	6.80	A++
	7	7	9	24	1.35	1.35	1.69	4.40	1.50	8.80	9.80	0.55	2.45	3.72	2.85	10.87	16.50	3.59	A	6.70	A++
	7	7	12	12	1.60	1.60	2.80	2.80	1.50	8.80	9.80	0.55	2.42	3.72	2.85	10.74	16.50	3.64	A	6.80	A++
	7	7	12	15	1.48	1.48	2.59	3.25	1.50	8.80	9.80	0.55	2.43	3.72	2.85	10.78	16.50	3.62	A	6.70	A++
	7	7	12	18	1.53	1.53	1.91	3.83	1.50	8.80	9.80	0.55	2.43	3.72	2.85	10.78	16.50	3.62	A	6.70	A++
	7	9	9	9	1.85	2.32	2.32	2.32	1.50	8.80	9.80	0.55	2.43	3.72	2.85	10.78	16.50	3.62	A	7.00	A++
	7	9	9	12	1.68	2.10	2.10	2.93	1.50	8.80	9.80	0.55	2.43	3.72	2.85	10.78	16.50	3.62	A	7.00	A++
	7	9	9	15	1.54	1.93	1.93	3.40	1.50	8.80	9.80	0.55	2.43	3.72	2.85	10.78	16.50	3.62	A	7.00	A++
	7	9	9	18	1.47	1.83	1.83	3.67	1.50	8.80	9.80	0.55	2.43	3.72	2.85	10.78	16.50	3.62	A	7.00	A++
	7	9	12	12	1.53	1.91	2.68	2.68	1.50	8.80	9.80	0.55	2.31	3.72	2.85	10.25	16.50	3.81	A	7.00	A++
	7	12	12	12	1.41	2.46	2.46	2.46	1.50	8.80	9.80	0.55	2.31	3.72	2.85	10.25	16.50	3.81	A	7.00	A++
	9	9	9	9	2.20	2.20	2.20	2.20	1.50	8.80	9.80	0.55	2.32	3.72	2.85	10.28	16.50	3.80	A	7.00	A++
	9	9	9	12	2.00	2.00	2.00	2.80	1.50	8.80	9.80	0.55	2.32	3.72	2.85	10.28	16.50	3.80	A	7.00	A++
	9	9	12	12	1.83	1.83	2.57	2.57	1.50	8.80	9.80	0.55	2.32	3.72	2.85	10.28	16.50	3.80	A	7.00	A++
	9	9	12	15	1.71	1.71	2.39	3.00	1.50	8.80	9.80	0.55	2.31	3.72	2.85	10.25	16.50	3.81	A	7.00	A++
	9	9	12	18	1.63	1.63	2.28	3.26	1.50	8.80	9.80	0.55	2.31	3.72	2.85	10.25	16.50	3.81	A	7.00	A++
	9	12	12	12	1.69	2.37	2.37	2.37	1.50	8.80	9.80	0.55	2.31	3.72	2.85	10.25	16.50	3.81	A	7.00	A++
	12	12	12	12	2.20	2.20	2.20	2.20	1.50	8.80	9.80	0.55	2.31	3.72	2.85	10.25	16.50	3.81	A	7.00	A++

Match Table

4U30HS1ERA

HEATING

Comb.	Combinations				Rated capacity(Kw) (Nom. Heating)				Total heating capacity(kW)			Total power input(kW)			Total current(A)@230V			COP(W/W)	ENERGY LABEL	SCOP (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	Rated capacity			
1x1	7	—	—	—	2.3	—	—	—	1.00	2.30	4.00	0.55	0.60	1.50	2.44	2.66	6.65	3.83	A	3.65	A
	9	—	—	—	2.9	—	—	—	1.00	2.90	4.10	0.55	0.80	1.40	2.44	3.55	6.21	3.63	A	3.65	A
	12	—	—	—	3.8	—	—	—	1.00	3.80	4.10	0.55	1.04	1.50	2.44	4.61	6.65	3.65	A	3.65	A
	15	—	—	—	5.4	—	—	—	1.30	5.40	6.00	0.47	1.48	1.90	2.09	6.57	8.43	3.65	A	3.65	A
	18	—	—	—	5.5	—	—	—	1.50	5.50	6.00	0.55	1.52	2.60	2.44	6.74	11.54	3.62	A	3.65	A
	24	—	—	—	7.0	—	—	—	1.50	7.00	8.60	0.55	1.80	2.60	2.44	7.99	11.54	3.89	A	3.65	A
1x2	7	24	—	—	2.30	7.00	—	—	1.20	9.30	10.50	0.50	2.55	3.72	2.15	11.31	16.50	3.65	A	3.80	A
	9	18	—	—	2.90	5.50	—	—	1.20	8.40	10.50	0.50	2.30	3.72	2.15	10.20	16.50	3.65	A	3.78	A
	9	24	—	—	2.87	6.93	—	—	1.20	9.80	10.50	0.50	2.70	3.72	2.15	11.98	16.50	3.63	A	3.80	A
	12	15	—	—	3.80	5.40	—	—	1.20	9.20	10.50	0.50	2.37	3.72	2.15	10.51	16.50	3.88	A	3.80	A
	12	18	—	—	3.70	5.60	—	—	1.20	9.30	10.50	0.50	2.49	3.72	2.15	11.03	16.50	3.74	A	3.80	A
	12	24	—	—	3.45	6.35	—	—	1.20	9.80	10.50	0.50	2.70	3.72	2.15	11.98	16.50	3.63	A	3.80	A
	18	18	—	—	4.90	4.90	—	—	1.20	9.80	10.50	0.50	2.70	3.72	2.15	11.98	16.50	3.63	A	3.82	A
	18	24	—	—	4.31	5.49	—	—	1.20	9.80	10.50	0.50	2.70	3.72	2.15	11.98	16.50	3.63	A	3.80	A
	24	24	—	—	4.90	4.90	—	—	1.20	9.80	10.50	0.50	2.71	3.72	2.44	12.02	16.50	3.62	A	3.80	A
1x3	7	7	18	—	2.23	2.23	5.34	—	1.20	9.80	10.50	0.55	2.60	3.72	2.50	11.54	16.50	3.77	A	3.89	A
	7	7	24	—	1.94	1.94	5.91	—	1.50	9.80	10.50	0.55	2.70	3.72	2.50	11.98	16.50	3.63	A	3.88	A
	7	9	12	—	2.30	2.90	3.80	—	1.50	9.00	10.50	0.55	2.40	3.72	2.50	10.65	16.50	3.75	A	3.90	A
	7	9	15	—	2.13	2.68	4.99	—	1.50	9.80	10.50	0.55	2.60	3.72	2.50	11.54	16.50	3.77	A	3.90	A
	7	9	18	—	2.11	2.66	5.04	—	1.50	9.80	10.50	0.55	2.60	3.72	2.50	11.54	16.50	3.77	A	3.90	A
	7	9	24	—	1.85	2.33	5.62	—	1.50	9.80	10.50	0.55	2.70	3.72	2.50	11.98	16.50	3.63	A	3.90	A
	7	12	12	—	2.28	3.76	3.76	—	1.50	9.80	10.50	0.55	2.70	3.72	2.50	11.98	16.50	3.63	A	3.94	A
	7	12	15	—	1.96	3.24	4.60	—	1.50	9.80	10.50	0.55	2.60	3.72	2.50	11.54	16.50	3.77	A	3.92	A
	7	12	18	—	1.94	3.21	4.65	—	1.50	9.80	10.50	0.55	2.60	3.72	2.50	11.54	16.50	3.77	A	3.92	A
	7	12	24	—	1.72	2.84	5.24	—	1.50	9.80	10.50	0.55	2.70	3.72	2.50	11.98	16.50	3.63	A	3.90	A
	9	9	9	—	2.90	2.90	2.90	—	1.50	8.70	10.50	0.55	2.20	3.72	2.50	9.76	16.50	3.95	A	3.95	A
	9	9	12	—	2.90	2.90	3.80	—	1.50	9.60	10.50	0.55	2.65	3.72	2.50	11.76	16.50	3.62	A	3.90	A
	9	9	15	—	2.54	2.54	4.73	—	1.50	9.80	10.50	0.55	2.50	3.72	2.50	11.09	16.50	3.92	A	3.92	A
	9	9	18	—	2.52	2.52	4.77	—	1.50	9.80	10.50	0.55	2.50	3.72	2.50	11.09	16.50	3.92	A	3.92	A
	9	9	24	—	2.22	2.22	5.36	—	1.50	9.80	10.50	0.55	2.70	3.72	2.50	11.98	16.50	3.63	A	3.90	A
	9	12	12	—	2.71	3.55	3.55	—	1.50	9.80	10.50	0.55	2.70	3.72	2.50	11.98	16.50	3.63	A	3.93	A
	9	12	15	—	2.35	3.08	4.37	—	1.50	9.80	10.50	0.55	2.60	3.72	2.50	11.54	16.50	3.77	A	3.92	A
	9	12	18	—	2.33	3.05	4.42	—	1.50	9.80	10.50	0.55	2.60	3.72	2.50	11.54	16.50	3.77	A	3.92	A
	9	12	24	—	2.07	2.72	5.01	—	1.50	9.80	10.50	0.55	2.70	3.72	2.50	11.98	16.50	3.63	A	3.90	A

4U30HS1ERA

HEATING

Comb.	Combinations				Rated capacity(Kw) (Nom. Heating)				Total heating capacity(kW)			Total power input(kW)			Total current(A)@230V			COP(W/W)	ENERGY LABEL	SCOP (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	Rated capacity			
1x3	12	12	12	—	3.27	3.27	3.27	—	1.50	9.80	10.50	0.55	2.58	3.72	2.50	11.45	16.50	3.80	A	3.95	A
	12	12	15	—	2.86	2.86	4.07	—	1.50	9.80	10.50	0.55	2.60	3.72	2.50	11.54	16.50	3.77	A	3.90	A
	12	12	18	—	2.84	2.84	4.11	—	1.50	9.80	10.50	0.55	2.60	3.72	2.50	11.54	16.50	3.77	A	3.90	A
	12	12	24	—	2.55	2.55	4.70	—	1.50	9.80	10.50	0.55	2.65	3.72	2.50	11.76	16.50	3.70	A	3.85	A
	12	18	18	—	2.52	3.64	3.64	—	1.50	9.80	10.50	0.55	2.75	3.72	2.50	12.20	16.50	3.56	B	3.90	A
1x4	7	7	7	7	2.30	2.30	2.30	2.30	1.50	9.20	10.50	0.55	2.38	3.72	2.85	10.56	16.50	3.87	A	3.95	A
	7	7	7	9	2.30	2.30	2.30	2.90	1.50	9.80	10.50	0.55	2.70	3.72	2.85	11.98	16.50	3.63	A	3.95	A
	7	7	7	12	2.11	2.11	2.11	3.48	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	3.95	A
	7	7	7	15	1.83	1.83	1.83	4.30	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	3.98	A
	7	7	7	18	1.82	1.82	1.82	4.35	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	3.98	A
	7	7	7	24	1.62	1.62	1.62	4.94	1.80	9.80	10.50	0.55	2.70	3.72	2.85	11.98	16.50	3.63	A	3.90	A
	7	7	9	9	2.17	2.17	2.73	2.73	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	3.92	A
	7	7	9	12	1.99	1.99	2.52	3.30	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	3.94	A
	7	7	9	15	1.75	1.75	2.20	4.10	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	3.95	A
	7	7	9	18	1.73	1.73	2.19	4.15	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	3.95	A
	7	7	9	24	1.55	1.55	1.96	4.73	1.80	9.80	10.50	0.55	2.65	3.72	2.85	11.76	16.50	3.70	A	3.95	A
	7	7	12	12	1.85	1.85	3.05	3.05	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	3.97	A
	7	7	12	15	1.65	1.65	2.88	3.62	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	3.96	A
	7	7	12	18	1.62	1.62	2.68	3.88	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	3.96	A
	7	9	9	9	2.05	2.58	2.58	2.58	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	4.00	A+
	7	9	9	12	1.89	2.39	2.39	3.13	1.80	9.80	10.50	0.55	2.60	3.72	2.85	11.54	16.50	3.77	A	4.00	A+
	7	9	9	15	1.61	2.33	2.33	3.53	1.80	9.80	10.50	0.55	2.70	3.72	2.85	11.98	16.50	3.63	A	4.00	A+
	7	9	9	18	1.66	2.09	2.09	3.96	1.80	9.80	10.50	0.55	2.70	3.72	2.85	11.98	16.50	3.63	A	4.00	A+
	7	9	12	12	1.76	2.22	2.91	2.91	1.80	9.80	10.50	0.55	2.39	3.72	2.85	10.58	16.50	4.11	A	4.00	A+
	7	12	12	12	1.65	2.72	2.72	2.72	1.80	9.80	10.50	0.55	2.39	3.72	2.85	10.58	16.50	4.11	A	4.00	A+
	9	9	9	9	2.45	2.45	2.45	2.45	1.80	9.80	10.50	0.55	2.39	3.72	2.85	10.60	16.50	4.10	A	4.00	A+
	9	9	9	12	2.27	2.27	2.27	2.98	1.80	9.80	10.50	0.55	2.39	3.72	2.85	10.60	16.50	4.10	A	4.00	A+
	9	9	12	12	2.12	2.12	2.78	2.78	1.80	9.80	10.50	0.55	2.39	3.72	2.85	10.58	16.50	4.11	A	4.00	A+
	9	9	12	15	2.03	2.03	2.66	3.08	1.80	9.80	10.50	0.55	2.39	3.72	2.85	10.58	16.50	4.11	A	4.00	A+
	9	9	12	18	1.88	1.88	2.47	3.57	1.80	9.80	10.50	0.55	2.39	3.72	2.85	10.58	16.50	4.11	A	4.00	A+
	9	12	12	12	1.99	2.60	2.60	2.60	1.80	9.80	10.50	0.55	2.39	3.72	2.85	10.58	16.50	4.11	A	4.00	A+
	12	12	12	12	2.45	2.45	2.45	2.45	1.80	9.80	10.50	0.55	2.39	3.72	2.85	10.58	16.50	4.11	A	4.00	A+

Match Table

5U34HS1ERA

COOLING

Comb.	Combinations					Rated capacity(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	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x1	7	—	—	—	—	2.0	—	—	—	—	1.00	2.00	2.80	0.50	0.62	1.30	2.20	2.77	5.77	3.21	A	5.90	A+
	9	—	—	—	—	2.5	—	—	—	—	1.00	2.50	3.10	0.50	0.78	1.34	2.20	3.46	5.93	3.21	A	5.90	A+
	12	—	—	—	—	3.5	—	—	—	—	1.00	3.50	4.10	0.50	1.09	1.50	2.20	4.84	6.65	3.21	A	5.90	A+
	15	—	—	—	—	4.4	—	—	—	—	1.30	4.40	5.20	0.50	1.35	1.90	2.22	5.99	8.43	3.26	A	5.90	A+
	18	—	—	—	—	5.0	—	—	—	—	1.50	5.00	5.40	0.50	1.56	1.90	2.20	6.92	8.43	3.21	A	5.90	A+
	24	—	—	—	—	6.5	—	—	—	—	1.50	6.50	7.40	0.50	2.02	3.00	2.20	8.96	13.31	3.22	A	5.90	A+
1x2	7	18	—	—	—	2.00	5.00	—	—	—	1.00	7.00	8.20	0.50	2.18	3.92	2.15	9.67	17.40	3.21	A	6.15	A++
	7	24	—	—	—	2.00	6.50	—	—	—	1.00	8.50	10.20	0.50	2.65	3.92	2.15	11.76	17.40	3.21	A	6.15	A++
	9	15	—	—	—	2.00	4.40	—	—	—	1.00	6.40	8.50	0.50	1.95	3.92	2.15	8.65	17.40	3.28	A	6.15	A++
	9	18	—	—	—	2.50	5.00	—	—	—	1.00	7.50	8.50	0.50	2.34	3.92	2.15	10.38	17.40	3.21	A	6.15	A++
	9	24	—	—	—	2.50	6.50	—	—	—	1.00	9.00	10.50	0.50	2.80	3.92	2.15	12.42	17.40	3.21	A	6.15	A++
	12	15	—	—	—	3.50	4.40	—	—	—	1.00	7.90	9.50	0.50	2.42	3.92	2.15	10.74	17.40	3.26	A	6.20	A++
	12	18	—	—	—	3.50	5.00	—	—	—	1.00	8.50	9.50	0.50	2.65	3.92	2.15	11.76	17.40	3.21	A	6.20	A++
	12	24	—	—	—	3.50	6.50	—	—	—	1.00	10.00	11.00	0.50	3.10	3.92	2.15	13.75	17.40	3.23	A	6.15	A++
	15	18	—	—	—	4.40	5.00	—	—	—	1.00	9.40	10.80	0.50	2.83	3.92	2.15	12.56	17.40	3.32	A	6.20	A++
	18	18	—	—	—	5.00	5.00	—	—	—	1.00	10.00	10.80	0.50	3.10	3.92	2.15	13.74	17.40	3.23	A	6.20	A++
	18	24	—	—	—	4.35	5.65	—	—	—	1.00	10.00	11.00	0.50	3.10	3.92	2.15	13.75	17.40	3.22	A	6.20	A++
	24	24	—	—	—	5.00	5.00	—	—	—	1.00	10.00	11.00	0.50	3.10	3.92	2.15	13.75	17.40	3.23	A	6.15	A++
1x3	7	7	12	—	—	2.00	2.00	3.50	—	—	1.50	7.50	9.70	0.55	2.34	3.92	2.50	10.38	17.40	3.21	A	6.40	A++
	7	7	15	—	—	2.00	2.00	4.40			1.50	8.40	11.00	0.55	2.61	3.92	2.50	11.58	17.40	3.22	A	6.42	A++
	7	7	18	—	—	2.00	2.00	5.00	—	—	1.50	9.00	11.00	0.55	2.80	3.92	2.50	12.42	17.40	3.21	A	6.42	A++
	7	7	24	—	—	1.90	1.90	6.19	—	—	1.50	10.00	11.00	0.55	3.10	3.92	2.50	13.75	17.40	3.23	A	6.40	A++
	7	9	9	—	—	2.00	2.50	2.50	—	—	1.50	7.00	9.00	0.55	2.15	3.92	2.50	9.54	17.40	3.26	A	6.43	A++
	7	9	12	—	—	2.00	2.50	3.50	—	—	1.50	8.00	10.00	0.55	2.47	3.92	2.50	10.96	17.40	3.24	A	6.40	A++
	7	9	15	—	—	2.00	2.50	4.40	—	—	1.50	8.90	11.00	0.55	2.77	3.92	2.50	12.29	17.40	3.21	A	6.40	A++
	7	9	18	—	—	2.00	2.50	5.00	—	—	1.50	9.50	11.00	0.55	2.96	3.92	2.50	13.13	17.40	3.21	A	6.40	A++
	7	9	24	—	—	1.82	2.27	5.91	—	—	1.50	10.00	11.00	0.55	3.10	3.92	2.50	13.75	17.40	3.23	A	6.40	A++
	7	12	12	—	—	2.00	3.50	3.50	—	—	1.50	9.00	11.00	0.55	2.80	3.92	2.50	12.42	17.40	3.21	A	6.43	A++
	7	12	15	—	—	2.00	3.50	4.40	—	—	1.50	9.90	11.00	0.55	3.08	3.92	2.50	13.66	17.40	3.21	A	6.42	A++
	7	12	18	—	—	1.90	3.33	4.76	—	—	1.50	10.00	11.00	0.55	3.10	3.92	2.50	13.75	17.40	3.22	A	6.42	A++
	7	12	24	—	—	1.67	2.92	5.42	—	—	1.50	10.00	11.00	0.55	3.10	3.92	2.50	13.75	17.40	3.23	A	6.40	A++
	9	9	9	—	—	2.50	2.50	2.50	—	—	1.50	7.50	9.30	0.55	2.30	3.92	2.50	10.20	17.40	3.26	A	6.45	A++
	9	9	12	—	—	2.50	2.50	3.50	—	—	1.50	8.50	10.30	0.55	2.60	3.92	2.50	11.54	17.40	3.27	A	6.45	A++
	9	9	15	—	—	2.50	2.50	4.40	—	—	1.50	9.40	11.00	0.55	2.92	3.92	2.50	12.95	17.40	3.22	A	6.43	A++
	9	9	18	—	—	2.50	2.50	5.00	—	—	1.50	10.00	11.00	0.55	3.10	3.92	2.50	13.75	17.40	3.23	A	6.43	A++
	9	9	24	—	—	2.17	2.17	5.65	—	—	1.50	10.00	11.00	0.55	3.10	3.92	2.50	13.75	17.40	3.23	A	6.40	A++
	9	12	12	—	—	2.50	3.50	3.50	—	—	1.50	9.50	11.00	0.55	2.90	3.92	2.50	12.87	17.40	3.28	A	6.40	A++
	9	12	15	—	—	2.40	3.37	4.23	—	—	1.50	10.00	11.00	0.55	3.06	3.92	2.50	13.58	17.40	3.27	A	6.40	A++
	9	12	18	—	—	2.27	3.18	4.55	—	—	1.50	10.00	11.00	0.55	3.05	3.92	2.50	13.53	17.40	3.28	A	6.40	A++
	9	12	24	—	—	2.00	2.80	5.20	—	—	1.50	10.00	11.00	0.55	3.05	3.92	2.50	13.53	17.40	3.28	A	6.30	A++

5U34HS1ERA

COOLING

Comb.	Combinations					Rated capacity(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	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x3	12	12	12	—	—	3.33	3.33	3.33	—	—	1.50	10.00	11.00	0.55	3.05	3.92	2.50	13.53	17.40	3.28	A	6.40	A++
	12	12	15	—	—	3.07	3.07	3.86	—	—	1.50	10.00	11.00	0.55	3.05	3.92	2.50	13.53	17.40	3.28	A	6.40	A++
	12	12	18	—	—	2.92	2.92	4.17	—	—	1.50	10.00	11.00	0.55	3.05	3.92	2.50	13.53	17.40	3.28	A	6.40	A++
	12	12	24	—	—	2.59	2.59	4.81	—	—	1.50	10.00	11.00	0.55	3.05	3.92	2.50	13.53	17.40	3.28	A	6.40	A++
	12	18	18	—	—	2.59	3.70	3.70	—	—	1.50	10.00	11.00	0.55	3.05	3.92	2.50	13.53	17.40	3.28	A	6.40	A++
	18	18	18	—	—	3.33	3.33	3.33	—	—	1.80	10.00	11.00	0.55	3.05	3.92	2.50	13.53	17.40	3.28	A	6.40	A++
1x4	7	7	7	7	—	2.00	2.00	2.00	2.00	—	1.80	8.00	11.00	0.55	2.32	3.92	2.50	10.29	17.40	3.45	A	6.60	A++
	7	7	7	9	—	2.00	2.00	2.00	2.50	—	1.80	8.50	11.00	0.55	2.50	3.92	2.50	11.09	17.40	3.40	A	6.60	A++
	7	7	7	12	—	2.00	2.00	2.00	3.50	—	1.80	9.50	11.00	0.55	2.87	3.92	2.50	12.73	17.40	3.31	A	6.60	A++
	7	7	7	15	—	1.92	1.92	1.92	4.23	—	1.80	10.00	11.00	0.55	2.87	3.92	2.50	12.73	17.40	3.48	A	6.60	A++
	7	7	7	18	—	1.82	1.82	1.82	4.55	—	1.80	10.00	11.00	0.55	2.87	3.92	2.50	12.73	17.40	3.48	A	6.60	A++
	7	7	7	24	—	1.60	1.60	1.60	5.20	—	1.80	10.00	11.00	0.55	2.87	3.92	2.50	12.73	17.40	3.48	A	6.60	A++
	7	7	9	9	—	2.00	2.00	2.50	2.50	—	1.80	9.00	11.00	0.55	2.70	3.92	2.50	11.98	17.40	3.33	A	6.60	A++
	7	7	9	12	—	2.00	2.00	2.50	3.50	—	1.80	10.00	11.00	0.55	2.87	3.92	2.50	12.73	17.40	3.48	A	6.60	A++
	7	7	9	15	—	1.83	1.83	2.29	4.04	—	1.80	10.00	11.00	0.55	2.87	3.92	2.50	12.73	17.40	3.48	A	6.60	A++
	7	7	9	18	—	1.74	1.74	2.17	4.35	—	1.80	10.00	11.00	0.55	2.87	3.92	2.50	12.73	17.40	3.48	A	6.60	A++
	7	7	9	24	—	1.54	1.54	1.92	5.00	—	1.80	10.00	11.00	0.55	2.87	3.92	2.50	12.73	17.40	3.48	A	6.60	A++
	7	7	12	12	—	1.82	1.82	3.18	3.18	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	6.80	A++
	7	7	12	15	—	1.68	1.68	2.94	3.70	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	6.80	A++
	7	7	12	18	—	1.60	1.60	2.80	4.00	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	6.80	A++
	7	9	9	9	—	2.00	2.50	2.50	2.50	—	1.80	9.50	11.00	0.55	2.64	3.92	2.50	11.69	17.40	3.60	A	6.80	A++
	7	9	9	12	—	1.90	2.38	2.38	3.33	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	6.80	A++
	7	9	9	15	—	1.75	2.19	2.19	3.86	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	6.80	A++
	7	9	9	18	—	1.67	2.08	2.08	4.17	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	6.80	A++
	7	9	12	12	—	1.74	2.17	3.04	3.04	—	1.80	10.00	10.80	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	7.00	A++
	7	12	12	12	—	1.60	2.80	2.80	2.80	—	1.80	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.00	A++
	9	9	9	9	—	2.50	2.50	2.50	2.50	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	7.00	A++
	9	9	9	12	—	2.27	2.27	2.27	3.18	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	7.00	A++
	9	9	9	15	—	2.10	2.10	2.10	3.70	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	7.00	A++
	9	9	9	18	—	2.00	2.00	2.00	4.00	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	7.00	A++
	9	9	12	12	—	2.08	2.08	2.92	2.92	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	7.00	A++
	9	12	12	12	—	1.92	2.69	2.69	2.69	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	7.00	A++
	12	12	12	12	—	2.50	2.50	2.50	2.50	—	1.80	10.00	11.00	0.55	2.78	3.92	2.50	12.32	17.40	3.60	A	7.00	A++
1×5	7	7	7	7	7	2.00	2.00	2.00	2.00	2.00	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++
	7	7	7	7	9	1.90	1.90	1.90	1.90	2.38	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++
	7	7	7	7	12	1.74	1.74	1.74	1.74	3.04	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++
	7	7	7	9	9	1.82	1.82	1.82	2.27	2.27	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++
	7	7	7	9	12	1.67	1.67	1.67	2.08	2.92	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++
	7	7	7	12	12	1.54	1.54	1.54	2.69	2.69	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++
	7	7	9	9	9	1.74	1.74	2.17	2.17	2.17	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++
	7	7	9	9	12	1.60	1.60	2.00	2.00	2.80	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++
	7	9	9	9	9	1.67	2.08	2.08	2.08	2.08	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++
	9	9	9	9	9	2.00	2.00	2.00	2.00	2.00	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++
	9	9	9	9	12	1.85	1.85	1.85	1.85	2.59	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++
	9	9	9	12	12	1.72	1.72	1.72	2.41	2.41	2.00	10.00	11.00	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	7.10	A++

Match Table

5U34HS1ERA

HEATING

Comb.	Combinations					Rated capacity(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	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x1	7	—	—	—	—	2.3	—	—	—	—	1.00	2.30	4.00	0.50	0.63	1.50	2.22	2.80	6.65	3.65	A	3.61	A
	9	—	—	—	—	2.9	—	—	—	—	1.00	2.90	4.10	0.50	0.80	1.40	2.22	3.55	6.21	3.63	A	3.61	A
	12	—	—	—	—	3.8	—	—	—	—	1.00	3.80	4.10	0.50	1.05	1.50	2.22	4.66	6.65	3.62	A	3.61	A
	15	—	—	—	—	5.4	—	—	—	—	1.30	5.40	6.00	0.47	1.48	1.90	2.09	6.57	8.43	3.65	A	3.61	A
	18	—	—	—	—	5.5	—	—	—	—	1.50	5.50	6.00	0.55	1.50	2.60	2.44	6.65	11.54	3.67	A	3.61	A
	24	—	—	—	—	7.0	—	—	—	—	1.50	7.00	8.60	0.55	1.90	2.60	2.44	8.43	11.54	3.68	A	3.61	A
1x2	7	18	—	—	—	2.30	5.50	—	—	—	1.20	7.80	10.00	0.50	2.16	3.92	2.15	9.58	17.40	3.61	A	3.70	A
	7	24	—	—	—	2.30	7.00	—	—	—	1.20	9.30	11.50	0.50	2.58	3.92	2.15	11.45	17.40	3.60	A	3.70	A
	9	15	—	—	—	2.90	5.40	—	—	—	1.20	8.30	10.10	0.50	2.25	3.92	2.15	9.98	17.40	3.69	A	3.70	A
	9	18	—	—	—	2.90	5.50	—	—	—	1.20	8.40	10.10	0.50	2.33	3.92	2.15	10.34	17.40	3.61	A	3.70	A
	9	24	—	—	—	2.90	7.00	—	—	—	1.20	9.90	11.50	0.50	2.74	3.92	2.15	12.16	17.40	3.61	A	3.71	A
	12	15	—	—	—	3.80	5.40	—	—	—	1.20	9.20	10.10	0.50	2.52	3.92	2.15	11.18	17.40	3.65	A	3.71	A
	12	18	—	—	—	4.37	6.33	—	—	—	1.20	10.70	10.10	0.50	2.95	3.92	2.15	13.09	17.40	3.63	A	3.71	A
	12	24	—	—	—	3.76	6.94	—	—	—	1.20	10.70	11.50	0.50	2.95	3.92	2.15	13.09	17.40	3.63	A	3.72	A
	15	18	—	—	—	5.30	5.40	—	—	—	1.20	10.70	11.50	0.50	2.90	3.92	2.15	12.87	17.40	3.69	A	3.80	A
	18	18	—	—	—	5.35	5.35	—	—	—	1.20	10.70	11.50	0.50	2.89	3.92	2.15	12.83	17.40	3.70	A	3.80	A
	18	24	—	—	—	4.71	5.99	—	—	—	1.20	10.70	11.50	0.50	2.95	3.92	2.15	13.09	17.40	3.63	A	3.72	A
	24	24	—	—	—	5.35	5.35	—	—	—	1.20	10.70	11.50	0.50	2.95	3.92	2.44	13.09	17.40	3.63	A	3.89	A
1x3	7	7	12	—	—	2.30	2.30	3.80	—	—	1.50	8.40	11.50	0.55	2.33	3.92	2.50	10.34	17.40	3.61	A	3.88	A
	7	7	15	—	—	2.30	2.30	5.40	—	—	1.50	10.00	11.50	0.55	2.76	3.92	2.50	12.24	17.40	3.62	A	3.90	A
	7	7	18	—	—	2.30	2.30	5.50	—	—	1.50	10.10	11.50	0.55	2.79	3.92	2.50	12.36	17.40	3.63	A	3.90	A
	7	7	24	—	—	2.12	2.12	6.46	—	—	1.50	10.70	11.50	0.55	2.93	3.92	2.50	13.00	17.40	3.65	A	3.91	A
	7	9	9	—	—	2.30	2.90	2.90	—	—	1.50	8.10	11.50	0.55	2.24	3.92	2.50	9.94	17.40	3.62	A	3.91	A
	7	9	12	—	—	2.30	2.90	3.80	—	—	1.50	9.00	11.50	0.55	2.47	3.92	2.50	10.96	17.40	3.64	A	3.93	A
	7	9	15	—	—	2.30	2.90	5.40	—	—	1.50	10.60	11.50	0.55	2.93	3.92	2.50	13.00	17.40	3.62	A	3.92	A
	7	9	18	—	—	2.30	2.90	5.50	—	—	1.50	10.70	11.50	0.55	2.93	3.92	2.50	13.00	17.40	3.65	A	3.92	A
	7	9	24	—	—	2.02	2.54	6.14	—	—	1.50	10.70	11.50	0.55	2.93	3.92	2.50	13.00	17.40	3.65	A	3.90	A
	7	12	12	—	—	2.30	3.80	3.80	—	—	1.50	9.90	11.50	0.55	2.72	3.92	2.50	12.07	17.40	3.64	A	3.95	A
	7	12	15	—	—	2.12	3.60	4.98	—	—	1.50	10.70	11.50	0.55	2.94	3.92	2.50	13.04	17.40	3.64	A	3.90	A
	7	12	18	—	—	2.12	3.51	5.07	—	—	1.50	10.70	11.50	0.55	2.93	3.92	2.50	13.00	17.40	3.65	A	3.90	A
	7	12	24	—	—	1.88	3.10	5.72	—	—	1.50	10.70	11.50	0.55	2.93	3.92	2.50	13.00	17.40	3.65	A	3.92	A
	9	9	9	—	—	2.90	2.90	2.90	—	—	1.50	8.70	11.50	0.55	2.37	3.92	2.50	10.51	17.40	3.67	A	3.90	A
	9	9	12	—	—	2.90	2.90	3.80	—	—	1.50	9.60	11.50	0.55	2.60	3.92	2.50	11.54	17.40	3.69	A	3.93	A
	9	9	15	—	—	2.77	2.77	5.16	—	—	1.50	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.92	A
	9	9	18	—	—	2.75	2.75	5.21	—	—	1.50	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.92	A
	9	9	24	—	—	2.42	2.42	5.85	—	—	1.50	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.90	A
	9	12	12	—	—	2.90	3.80	3.80	—	—	1.50	10.50	11.50	0.55	2.85	3.92	2.50	12.64	17.40	3.68	A	3.95	A
	9	12	15	—	—	2.56	3.36	4.78	—	—	1.50	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.70	A
	9	12	18	—	—	2.54	3.33	4.82	—	—	1.50	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.70	A
	9	12	24	—	—	2.26	2.97	5.47	—	—	1.50	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.85	A

5U34HS1ERA

HEATING

Comb.	Combinations					Rated capacity(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	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x3	12	12	12	—	—	3.57	3.57	3.57	—	—	1.50	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.90	A
	12	12	15	—	—	3.13	3.13	4.44	—	—	1.50	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.95	A
	12	12	18	—	—	3.10	3.10	4.49	—	—	1.50	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.95	A
	12	12	24	—	—	2.78	2.78	5.13	—	—	1.80	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.95	A
	12	18	18	—	—	2.75	3.98	3.98	—	—	1.80	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.95	A
	18	18	18	—	—	3.57	3.57	3.57	—	—	1.80	10.70	11.50	0.55	2.90	3.92	2.50	12.87	17.40	3.69	A	3.98	A
1x4	7	7	7	7	—	2.30	2.30	2.30	2.30	—	1.80	9.20	11.50	0.55	2.47	3.92	2.50	10.96	17.40	3.72	A	3.90	A
	7	7	7	9	—	2.30	2.30	2.30	2.90	—	1.80	9.80	11.50	0.55	2.63	3.92	2.50	11.67	17.40	3.73	A	3.92	A
	7	7	7	12	—	2.30	2.30	2.30	3.80	—	1.80	10.70	11.50	0.55	2.87	3.92	2.50	12.73	17.40	3.73	A	3.94	A
	7	7	7	15	—	2.00	2.00	2.00	4.70	—	1.80	10.70	11.50	0.55	2.87	3.92	2.50	12.73	17.40	3.73	A	3.95	A
	7	7	7	18	—	1.98	1.98	1.98	4.75	—	1.80	10.70	11.50	0.55	2.87	3.92	2.50	12.73	17.40	3.73	A	3.95	A
	7	7	7	24	—	1.77	1.77	1.77	5.39	—	1.80	10.70	11.50	0.55	2.87	3.92	2.50	12.73	17.40	3.73	A	3.95	A
	7	7	9	9	—	2.30	2.30	2.90	2.90	—	1.80	10.40	11.50	0.55	2.80	3.92	2.50	12.42	17.40	3.71	A	3.97	A
	7	7	9	12	—	2.18	2.18	2.75	3.60	—	1.80	10.70	11.50	0.55	2.87	3.92	2.50	12.73	17.40	3.73	A	3.96	A
	7	7	9	15	—	1.91	1.91	2.41	4.48	—	1.80	10.70	11.50	0.55	2.87	3.92	2.50	12.73	17.40	3.73	A	4.00	A+
	7	7	9	18	—	1.89	1.89	2.39	4.53	—	1.80	10.70	11.50	0.55	2.87	3.92	2.50	12.73	17.40	3.73	A	4.00	A+
	7	7	9	24	—	1.70	1.70	2.14	5.17	—	1.80	10.70	11.50	0.55	2.87	3.92	2.50	12.73	17.40	3.73	A	4.00	A+
	7	7	12	12	—	2.02	2.02	3.33	3.33	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	7	7	12	15	—	1.80	1.80	3.15	3.96	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	7	7	12	18	—	1.77	1.77	2.93	4.23	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	7	9	9	9	—	2.24	2.82	2.82	2.82	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	7	9	9	12	—	2.07	2.61	2.61	3.42	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	7	9	9	15	—	1.75	2.54	2.54	3.86	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A		
	7	9	9	18	—	1.81	2.28	2.28	4.33	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	7	9	12	12	—	1.92	2.42	3.18	3.18	—	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	7	12	12	12	—	1.80	2.97	2.97	2.97	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	9	9	9	9	—	2.68	2.68	2.68	2.68	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	9	9	9	12	—	2.48	2.48	2.48	3.25	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	9	9	9	15	—	2.20	2.20	2.20	4.10	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	9	9	9	18	—	2.19	2.19	2.19	4.14	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	9	9	12	12	—	2.32	2.32	3.03	3.03	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	9	12	12	12	—	2.17	2.84	2.84	2.84	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
	12	12	12	12	—	2.68	2.68	2.68	2.68	—	1.80	10.70	11.50	0.55	2.68	3.92	2.50	11.87	17.40	4.00	A	4.00	A+
1×5	7	7	7	7	7	2.14	2.14	2.14	2.14	2.14	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	7	7	7	7	9	2.03	2.03	2.03	2.03	2.56	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	7	7	7	7	12	1.89	1.89	1.89	1.89	3.13	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	7	7	7	9	9	1.94	1.94	1.94	2.44	2.44	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	7	7	7	9	12	1.81	1.81	1.81	2.28	2.99	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	7	7	7	12	12	1.70	1.70	1.70	2.80	2.80	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	7	7	9	9	9	1.85	1.85	2.33	2.33	2.33	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	7	7	9	9	12	1.73	1.73	2.19	2.19	2.86	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	7	9	9	9	9	1.77	2.23	2.23	2.23	2.23	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	9	9	9	9	9	2.14	2.14	2.14	2.14	2.14	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	9	9	9	9	12	2.01	2.01	2.01	2.01	2.64	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+
	9	9	9	12	12	1.90	1.90	1.90	2.49	2.49	1.80	10.70	11.50	0.55	2.67	3.92	2.50	11.85	17.40	4.01	A	4.00	A+

Match Table

5U45LS1ERA

COOLING

Comb.	Combinations					Rated capacity(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	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x1	7	—	—	—	—	2.0	—	—	—	—	1.00	2.00	2.80	0.50	0.62	1.30	2.20	2.77	5.77	3.21	A	5.90	A+
	9	—	—	—	—	2.5	—	—	—	—	1.00	2.50	3.10	0.50	0.78	1.34	2.20	3.46	5.93	3.21	A	5.90	A+
	12	—	—	—	—	3.5	—	—	—	—	1.00	3.50	4.10	0.50	1.09	1.50	2.20	4.84	6.65	3.21	A	5.90	A+
	15	—	—	—		4.4	—	—	—		1.30	4.40	5.20	0.50	1.36	1.90	2.22	6.03	8.43	3.24	A	5.90	A+
	18	—	—	—	—	5.0	—	—	—	—	1.50	5.00	5.40	0.50	1.56	1.90	2.20	6.92	8.43	3.21	A	5.90	A+
	24	—	—	—	—	6.5	—	—	—	—	1.50	6.50	7.40	0.50	2.02	3.00	2.20	8.96	13.31	3.22	A	5.90	A+
1x2	7	18	—	—	—	2.00	5.00	—	—	—	1.00	7.00	8.20	0.50	2.18	3.61	2.15	9.67	16.02	3.21	A	6.20	A++
	7	24	—	—	—	2.00	6.50	—	—	—	1.00	8.50	10.20	0.50	2.65	4.21	2.15	11.76	18.69	3.21	A	6.20	A++
	9	15	—	—	—	2.00	4.40	—	—	—	1.00	6.40	8.50	0.50	1.95	3.50	2.15	8.65	15.53	3.28	A	6.20	A++
	9	18	—	—	—	2.50	5.00	—	—	—	1.00	7.50	8.50	0.50	2.32	3.65	2.15	10.29	16.19	3.23	A	6.20	A++
	9	24	—	—	—	2.50	6.50	—	—	—	1.00	9.00	10.50	0.50	2.70	4.25	2.15	11.98	18.86	3.33	A	6.20	A++
	12	15	—	—	—	3.50	4.40	—	—	—	1.00	7.90	9.50	0.50	2.43	3.50	2.15	10.78	15.53	3.25	A	6.20	A++
	12	18	—	—	—	3.50	5.00	—	—	—	1.00	8.50	9.50	0.50	2.65	3.65	2.15	11.76	16.19	3.21	A	6.20	A++
	12	24	—	—	—	3.50	6.50	—	—	—	1.00	10.00	11.50	0.50	3.10	4.25	2.15	13.75	18.86	3.23	A	6.20	A++
	18	18	—	—	—	5.00	5.00	—	—	—	1.00	10.00	10.80	0.50	3.10	4.00	2.15	13.75	17.75	3.23	A	6.20	A++
	18	24	—	—	—	5.00	7.10	—	—	—	1.00	12.10	12.80	0.50	3.77	4.60	2.15	16.72	20.41	3.21	A	6.20	A++
	24	24	—	—	—	6.10	6.10	—	—	—	1.00	12.20	13.50	0.50	3.80	5.20	2.15	16.86	23.07	3.21	A	6.20	A++
1x3	7	7	9	—	—	2.00	2.00	2.50	—	—	1.50	6.50	8.70	0.55	2.00	4.70	2.50	8.87	20.85	3.25	A	6.90	A++
	7	7	12	—	—	2.00	2.00	3.50	—	—	1.50	7.50	9.70	0.55	2.30	4.87	2.50	10.20	21.61	3.26	A	6.90	A++
	7	7	15	—	—	2.00	2.00	4.40			1.50	8.40	11.00	0.55	2.51	5.10	2.50	11.14	22.63	3.35	A	6.90	A++
	7	7	18	—	—	2.00	2.00	5.00	—	—	1.50	9.00	11.00	0.55	2.70	5.22	2.50	11.98	23.16	3.33	A	6.90	A++
	7	7	24	—	—	2.00	2.00	6.50	—	—	1.50	10.50	13.00	0.55	3.20	5.39	2.50	14.20	23.90	3.28	A	6.90	A++
	7	9	9	—	—	2.00	2.50	2.50	—	—	1.50	7.00	9.00	0.55	2.15	4.90	2.50	9.54	21.74	3.26	A	6.90	A++
	7	9	12	—	—	2.00	2.50	3.50	—	—	1.50	8.00	10.00	0.55	2.45	4.90	2.50	10.87	21.74	3.27	A	6.90	A++
	7	9	15	—	—	2.00	2.50	4.40	—	—	1.50	8.90	11.00	0.55	2.75	5.10	2.50	12.20	22.63	3.24	A	6.90	A++
	7	9	18	—	—	2.00	2.50	5.00	—	—	1.50	9.50	11.30	0.55	2.90	5.26	2.50	12.87	23.34	3.28	A	6.90	A++
	7	9	24	—	—	2.00	2.50	6.50	—	—	1.50	11.00	13.30	0.55	3.30	5.39	2.50	14.64	23.90	3.33	A	6.90	A++
	7	12	12	—	—	2.00	3.50	3.50	—	—	1.50	9.00	11.00	0.55	2.80	3.92	2.50	12.42	17.40	3.21	A	6.90	A++
	7	12	15	—	—	2.00	3.50	4.40	—	—	1.50	9.90	12.00	0.55	3.04	5.10	2.50	13.49	22.63	3.26	A	6.90	A++
	7	12	18	—	—	2.00	3.50	5.00	—	—	1.50	10.50	12.30	0.55	3.20	5.26	2.50	14.20	23.34	3.28	A	6.90	A++
	7	12	24	—	—	2.00	3.50	6.50	—	—	1.50	12.00	11.00	0.55	3.70	5.39	2.50	16.42	23.90	3.24	A	6.90	A++
	9	9	9	—	—	2.50	2.50	2.50	—	—	1.50	7.50	9.30	0.55	2.30	4.95	2.50	10.20	21.96	3.26	A	6.90	A++
	9	9	12	—	—	2.50	2.50	3.50	—	—	1.50	8.50	10.30	0.55	2.60	4.95	2.50	11.54	21.96	3.27	A	6.90	A++
	9	9	15	—	—	2.50	2.50	4.40	—	—	1.50	9.40	11.00	0.55	2.93	5.30	2.50	13.00	23.51	3.21	A	6.90	A++
	9	9	18	—	—	2.50	2.50	5.00	—	—	1.50	10.00	11.60	0.55	3.10	5.30	2.50	13.75	23.51	3.23	A	6.90	A++
	9	9	24	—	—	2.50	2.50	6.50	—	—	1.50	11.50	13.50	0.55	3.50	5.39	2.50	15.53	23.90	3.29	A	6.90	A++
	9	12	12	—	—	2.50	3.50	3.50	—	—	1.50	9.50	11.30	0.55	2.90	4.90	2.50	12.87	21.74	3.28	A	6.90	A++
	9	12	15	—	—	2.50	3.50	4.40	—	—	1.50	10.40	12.60	0.55	3.16	4.95	2.50	14.02	21.96	3.29	A	6.90	A++
	9	12	18	—	—	2.50	3.50	5.00	—	—	1.50	11.00	12.60	0.55	3.30	4.95	2.50	14.64	21.96	3.33	A	6.90	A++
	9	12	24	—	—	2.44	3.42	6.34	—	—	1.50	12.20	13.50	0.55	3.70	5.39	2.50	16.42	23.90	3.30	A	6.90	A++
	12	12	12	—	—	3.50	3.50	3.50	—	—	1.50	10.50	12.30	0.55	3.25	4.95	2.50	14.42	21.96	3.23	A	6.90	A++
	12	12	15	—	—	3.50	3.50	4.40	—	—	1.50	11.40	13.50	0.55	3.53	5.30	2.50	15.66	23.51	3.23	A	6.90	A++
	12	12	18	—	—	3.50	3.50	5.00	—	—	1.50	12.00	13.50	0.55	3.70	5.30	2.50	16.42	23.51	3.24	A	6.90	A++
	12	12	24	—	—	3.16	3.16	5.87	—	—	1.50	12.20	13.50	0.55	3.77	5.39	2.50	16.73	23.90	3.24	A	6.90	A++
	12	15	18	—	—	3.28	4.22	4.69	—	—	1.50	12.20	13.50	0.55	3.77	5.39	2.50	16.73	23.90	3.24	A	6.90	A++
	12	18	18	—	—	3.16	4.52	4.52	—	—	1.50	12.20	13.50	0.55	3.77	5.39	2.50	16.73	23.90	3.24	A	6.90	A++
	12	18	24	—	—	2.85	4.07	5.29	—	—	1.50	12.20	13.50	0.55	3.77	5.39	2.50	16.73	23.90	3.24	A	6.90	A++
	18	18	18	—	—	4.07	4.07	4.07	—	—	1.50	12.20	13.50	0.55	3.77	5.39	2.50	16.73	23.90	3.24	A	6.90	A++

5U45LS1ERA

COOLING

Comb.	Combinations					Rated capacity(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	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x4	7	7	7	7	—	2.00	2.00	2.00	2.00	—	1.80	8.00	11.20	0.55	2.45	5.39	2.50	10.87	23.90	3.27	A	6.92	A++
	7	7	7	9	—	2.00	2.00	2.00	2.50	—	1.80	8.50	11.50	0.55	2.60	5.39	2.50	11.54	23.90	3.27	A	6.92	A++
	7	7	7	12	—	2.00	2.00	2.00	3.50	—	1.80	9.50	12.50	0.55	2.90	5.39	2.50	12.87	23.90	3.28	A	6.92	A++
	7	7	7	15	—	2.00	2.00	2.00	4.40	—	1.80	10.40	13.50	0.55	3.15	5.39	2.50	13.98	23.90	3.30	A	6.92	A++
	7	7	7	18	—	2.00	2.00	2.00	5.00	—	1.80	11.00	13.50	0.55	3.30	5.39	2.50	14.64	23.90	3.33	A	6.92	A++
	7	7	7	24	—	1.95	1.95	1.95	6.34	—	1.80	12.20	13.50	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	6.92	A++
	7	7	9	9	—	2.00	2.00	2.50	2.50	—	1.80	9.00	11.80	0.55	2.70	5.39	2.50	11.98	23.90	3.33	A	6.92	A++
	7	7	9	12	—	2.00	2.00	2.50	3.50	—	1.80	10.00	12.80	0.55	3.01	5.39	2.50	13.35	23.90	3.32	A	6.92	A++
	7	7	9	15	—	2.00	2.00	2.50	4.40	—	1.80	10.90	13.50	0.55	3.30	5.39	2.50	14.64	23.90	3.30	A	6.92	A++
	7	7	9	18	—	2.00	2.00	2.50	5.00	—	1.80	11.50	13.50	0.55	3.45	5.39	2.50	15.31	23.90	3.33	A	6.92	A++
	7	7	9	24	—	1.88	1.88	2.35	6.10	—	1.80	12.20	13.50	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	6.92	A++
	7	7	12	12	—	2.00	2.00	3.50	3.50	—	1.80	11.00	13.50	0.55	3.30	5.39	2.50	14.64	23.90	3.33	A	6.92	A++
	7	7	12	15	—	2.05	2.05	3.59	4.51	—	1.80	12.20	13.50	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	7.00	A++
	7	7	12	18	—	1.95	1.95	3.42	4.88	—	1.80	12.20	13.50	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	7.00	A++
	7	7	12	24	—	1.74	1.74	3.05	5.66	—	1.80	12.20	13.50	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	7.00	A++
	7	9	9	12	—	2.52	2.90	2.90	4.07	—	1.80	12.20	13.10	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	7.00	A++
	7	9	9	15	—	2.14	2.68	2.68	4.71	—	1.80	12.20	13.50	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	7.00	A++
	7	9	9	18	—	2.03	2.54	2.54	5.08	—	1.80	12.20	13.50	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	7.00	A++
	7	9	9	24	—	1.81	2.26	2.26	5.87	—	1.80	12.20	13.50	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	7.00	A++
	7	9	12	12	—	2.00	2.50	3.50	3.50	—	1.80	11.50	13.50	0.55	3.50	5.39	2.50	15.53	23.90	3.29	A	7.00	A++
	7	12	12	12	—	1.95	3.42	3.42	3.42	—	1.80	12.20	13.50	0.55	3.60	5.39	2.50	15.97	23.90	3.39	A	7.00	A++
	9	9	9	9	—	2.50	2.50	2.50	2.50	—	1.80	10.00	12.40	0.55	3.01	5.39	2.50	13.35	23.90	3.32	A	7.00	A++
	9	9	9	12	—	2.50	2.50	2.50	3.50	—	1.80	11.00	13.40	0.55	3.30	5.39	2.50	14.64	23.90	3.33	A	7.00	A++
	9	9	9	15	—	2.56	2.56	2.56	4.51	—	1.80	12.20	13.50	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	7.00	A++
	9	9	9	18	—	2.44	2.44	2.44	4.88	—	1.80	12.20	13.50	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	7.00	A++
	9	9	9	24	—	2.18	2.18	2.18	5.66	—	1.80	12.20	13.50	0.55	3.65	5.39	2.50	16.19	23.90	3.34	A	7.00	A++
	9	9	12	12	—	2.54	2.54	3.56	3.56	—	1.80	12.20	13.50	0.55	3.64	5.39	2.50	16.15	23.90	3.35	A	7.00	A++
	9	9	12	15	—	2.56	2.36	3.31	4.16	—	1.80	12.20	13.50	0.55	3.63	5.39	2.50	16.11	23.90	3.36	A	7.00	A++
	9	9	12	18	—	2.26	2.26	3.16	4.52	—	1.80	12.20	13.50	0.55	3.63	5.39	2.50	16.11	23.90	3.36	A	7.00	A++
	9	12	12	12	—	2.35	3.28	3.28	3.28	—	1.80	12.20	13.50	0.55	3.63	5.39	2.50	16.11	23.90	3.36	A	7.00	A++
	12	12	12	12	—	3.05	3.05	3.05	3.05	—	1.80	12.20	13.50	0.55	3.63	5.39	2.50	16.11	23.90	3.36	A	7.00	A++
	9	12	12	15	—	2.19	3.07	3.07	3.86	—	1.80	12.20	13.50	0.55	3.63	5.39	2.50	16.11	23.90	3.36	A	7.00	A++
	9	12	12	18	—	2.10	2.94	2.94	4.21	—	1.80	12.20	13.50	0.55	3.63	5.39	2.50	16.11	23.90	3.36	A	7.00	A++
	9	12	12	24	—	1.91	2.67	2.67	4.96	—	1.80	12.20	13.50	0.55	3.63	5.39	2.50	16.11	23.90	3.36	A	7.00	A++
1x5	7	7	7	7	7	2.12	2.12	2.12	2.12	3.71	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	7	7	9	2.00	2.00	2.00	2.00	2.50	2.00	10.50	13.50	0.55	3.20	5.39	2.50	14.20	23.90	3.28	A	7.10	A++
	7	7	7	7	12	2.00	2.00	2.00	2.00	3.50	2.00	11.50	13.50	0.55	3.45	5.39	2.50	15.31	23.90	3.33	A	7.10	A++
	7	7	7	7	15	1.97	1.97	1.97	1.97	4.33	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	7	7	18	1.88	1.88	1.88	1.88	4.69	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	7	7	24	1.68	1.68	1.68	1.68	5.47	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	7	9	9	2.00	2.00	2.00	2.50	2.50	2.00	11.00	13.50	0.55	3.40	5.39	2.50	15.08	23.90	3.24	A	7.10	A++
	7	7	7	9	12	2.03	2.03	2.03	2.54	3.56	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	7	9	15	1.89	1.89	1.89	2.36	4.16	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	7	9	18	1.81	1.81	1.81	2.26	4.52	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	7	9	24	1.63	1.63	1.63	2.03	5.29	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	7	12	12	1.88	1.88	1.88	2.28	3.28	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	7	12	15	1.76	1.76	1.76	3.07	3.86	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	7	12	18	1.68	1.68	1.68	2.94	4.21	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	7	12	24	1.53	1.53	1.53	2.67	4.96	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	9	9	9	2.12	2.12	2.65	2.65	2.65	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	9	9	12	1.95	1.95	2.44	2.44	3.42	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	9	9	15	1.82	1.82	2.28	2.28	4.01	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	9	9	18	1.74	1.74	2.18	2.18	4.36	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	7	7	9	9	24	1.57	1.57	1.97	1.97	5.12	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	9	9	9	9	9	2.44	2.44	2.44	2.44	2.44	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	9	9	9	9	12	2.26	2.26	2.26	2.26	3.16	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	9	9	9	9	15	2.12	2.12	2.12	2.12	3.73	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	9	9	9	9	18	2.03	2.03	2.03	2.03	4.07	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	9	9	9	12	12	2.10	2.10	2.10	2.94	2.94	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	9	9	9	12	15	1.98	1.98	1.98	2.77	3.49	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++
	9	9	9	12	18	1.91	1.91	1.91	2.67	3.81	2.00	12.20	13.50	0.55	3.61	5.39	2.50	16.02	23.90	3.38	A	7.10	A++

Match Table

5U45LS1ERA

HEATING

Comb.	Combinations					Rated capacity(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	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x1	7	—	—	—	—	2.3	—	—	—	—	1.00	2.30	4.00	0.50	0.64	1.50	2.22	2.82	6.65	3.62	A	3.60	A
	9	—	—	—	—	2.9	—	—	—	—	1.00	2.90	4.10	0.50	0.80	1.40	2.22	3.55	6.21	3.63	A	3.60	A
	12	—	—	—	—	3.8	—	—	—	—	1.00	3.80	4.10	0.50	1.05	1.50	2.22	4.66	6.65	3.62	A	3.60	A
	15	—	—	—	—	5.4	—	—	—	—	1.30	5.40	6.00	0.47	1.48	1.90	2.09	6.57	8.43	3.65	A	3.60	A
	18	—	—	—	—	5.5	—	—	—	—	1.50	5.50	6.00	0.55	1.50	2.60	2.44	6.65	11.54	3.67	A	3.60	A
	24	—	—	—	—	7.0	—	—	—	—	1.50	7.00	8.60	0.55	1.90	2.60	2.44	8.43	11.54	3.68	A	3.60	A
1x2	7	18	—	—	—	2.30	5.50	—	—	—	1.20	7.80	10.00	0.55	2.16	3.55	2.15	9.58	15.75	3.61	A	3.6	A
	7	24	—	—	—	2.30	7.00	—	—	—	1.20	9.30	12.60	0.55	2.57	4.20	2.15	11.40	18.63	3.62	A	3.6	A
	9	15	—	—	—	2.90	5.40	—	—	—	1.20	8.30	10.10	0.50	2.27	3.50	2.15	10.07	15.53	3.66	A	3.60	A
	9	18	—	—	—	2.90	5.50	—	—	—	1.20	8.40	10.10	0.55	2.33	3.60	2.15	10.34	15.97	3.61	A	3.6	A
	9	24	—	—	—	2.90	7.00	—	—	—	1.20	9.90	12.70	0.55	2.74	4.20	2.15	12.16	18.63	3.61	A	3.6	A
	12	15	—	—	—	3.80	5.40	—	—	—	1.20	9.20	10.10	0.50	2.52	3.50	2.15	11.18	15.53	3.65	A	3.60	A
	12	18	—	—	—	3.80	5.50	—	—	—	1.20	9.30	10.10	0.55	2.57	3.60	2.15	11.40	15.97	3.62	A	3.6	A
	12	24	—	—	—	3.80	7.00	—	—	—	1.20	10.80	12.70	0.55	2.97	4.20	2.15	13.18	18.63	3.64	A	3.6	A
	18	18	—	—	—	5.50	5.50	—	—	—	1.20	11.00	12.00	0.55	3.04	4.00	2.15	13.49	17.75	3.62	A	3.6	A
	18	24	—	—	—	5.50	7.10	—	—	—	1.20	12.60	14.00	0.55	3.49	4.50	2.15	15.48	19.96	3.61	A	3.6	A
	24	24	—	—	—	6.34	6.34	—	—	—	1.20	12.68	14.00	0.55	3.50	5.10	2.15	15.53	22.63	3.62	A	3.6	A
1x3	7	7	9	—	—	2.30	2.30	2.90	—	—	1.50	7.50	12.10	0.55	2.08	4.80	2.50	9.23	21.30	3.61	A	3.70	A
	7	7	12	—	—	2.30	2.30	3.80	—	—	1.50	8.40	12.10	0.55	2.33	4.80	2.50	10.34	21.30	3.61	A	3.70	A
	7	7	15	—	—	2.30	2.30	5.40	—	—	1.50	10.00	11.50	0.55	2.77	5.10	2.50	12.29	22.63	3.61	A	3.70	A
	7	7	18	—	—	2.30	2.30	5.50	—	—	1.50	10.10	14.00	0.55	2.80	5.20	2.50	12.42	23.07	3.61	A	3.70	A
	7	7	24	—	—	2.30	2.30	7.00	—	—	1.50	11.60	14.00	0.55	3.20	5.39	2.50	14.20	23.90	3.63	A	3.70	A
	7	9	9	—	—	2.30	2.90	2.90	—	—	1.50	8.10	12.20	0.55	2.23	4.80	2.50	9.89	21.30	3.63	A	3.70	A
	7	9	12	—	—	2.30	2.90	3.80	—	—	1.50	9.00	12.20	0.55	2.48	4.80	2.50	11.00	21.30	3.63	A	3.70	A
	7	9	15	—	—	2.30	2.90	5.40	—	—	1.50	10.60	11.50	0.55	2.93	5.10	2.50	13.00	22.63	3.62	A	3.92	A
	7	9	18	—	—	2.30	2.90	5.50	—	—	1.50	10.70	14.00	0.55	2.94	5.23	2.50	13.04	23.20	3.64	A	3.70	A
	7	9	24	—	—	2.30	2.90	7.00	—	—	1.50	12.20	14.00	0.55	3.35	5.39	2.50	14.86	23.90	3.64	A	3.70	A
	7	12	12	—	—	2.30	3.80	3.80	—	—	1.50	9.90	11.50	0.55	2.74	5.30	2.50	12.16	23.51	3.61	A	3.70	A
	7	12	15	—	—	2.30	3.80	5.40	—	—	1.50	11.50	14.00	0.55	3.18	5.20	2.50	14.11	23.07	3.62	A	3.70	A
	7	12	18	—	—	2.30	3.80	5.50	—	—	1.50	11.60	14.00	0.55	3.20	5.20	2.50	14.20	23.07	3.63	A	3.70	A
	7	12	24	—	—	2.23	3.68	6.78	—	—	1.50	12.68	14.00	0.55	3.40	5.39	2.50	15.08	23.90	3.73	A	3.70	A
	9	9	9	—	—	2.90	2.90	2.90	—	—	1.50	8.70	12.30	0.55	2.40	4.90	2.50	10.65	21.74	3.63	A	3.70	A
	9	9	12	—	—	2.90	2.90	3.80	—	—	1.50	9.60	12.30	0.55	2.66	4.90	2.50	11.80	21.74	3.61	A	3.70	A
	9	9	15	—	—	2.90	2.90	5.40	—	—	1.50	11.20	14.00	0.55	3.10	5.20	2.50	13.75	23.07	3.61	A	3.70	A
	9	9	18	—	—	2.90	2.90	5.50	—	—	1.50	11.30	14.00	0.55	3.10	5.20	2.50	13.75	23.07	3.65	A	3.70	A
	9	9	24	—	—	2.90	2.90	7.00	—	—	1.50	12.80	14.00	0.55	3.45	5.39	2.50	15.31	23.90	3.71	A	3.70	A
	9	12	12	—	—	2.90	3.80	3.80	—	—	1.50	10.50	12.30	0.55	2.90	4.80	2.50	12.87	21.30	3.62	A	3.70	A
	9	12	15	—	—	2.90	3.80	5.40	—	—	1.50	12.10	14.00	0.55	3.33	4.90	2.50	14.77	21.74	3.63	A	3.70	A
	9	12	18	—	—	2.90	3.80	5.50	—	—	1.50	12.20	14.00	0.55	3.35	4.90	2.50	14.86	21.74	3.64	A	3.70	A
	9	12	24	—	—	2.68	3.52	6.48	—	—	1.50	12.68	14.00	0.55	3.40	5.39	2.50	15.08	23.90	3.73	A	3.70	A
	12	12	12	—	—	3.80	3.80	3.80	—	—	1.50	11.40	12.30	0.55	3.10	4.90	2.50	13.75	21.74	3.68	A	3.70	A
	12	12	15	—	—	3.71	3.71	5.27	—	—	1.50	12.68	14.00	0.55	3.43	5.20	2.50	15.22	23.07	3.70	A	3.70	A
	12	12	18	—	—	3.68	3.68	5.32	—	—	1.50	12.68	14.00	0.55	3.40	5.20	2.50	15.08	23.07	3.73	A	3.70	A
	12	12	24	—	—	3.30	3.30	6.08	—	—	1.50	12.68	14.00	0.55	3.40	5.39	2.50	15.08	23.90	3.73	A	3.70	A
	12	15	18	—	—	3.28	4.66	4.74	—	—	1.50	12.68	14.00	0.55	3.40	5.39	2.50	15.08	23.90	3.73	A	3.70	A
	12	18	18	—	—	3.26	4.71	4.71	—	—	1.50	12.68	14.00	0.55	3.40	5.39	2.50	15.08	23.90	3.73	A	3.70	A
	12	18	24	—	—	2.96	4.28	5.45	—	—	1.50	12.68	14.00	0.55	3.40	5.39	2.50	15.08	23.90	3.73	A	3.70	A
	18	18	18	—	—	4.23	4.23	4.23	—	—	1.50	12.68	14.00	0.55	3.40	5.39	2.50	15.08	23.90	3.73	A	3.70	A

5U45LS1ERA

HEATING

Comb.	Combinations					Rated capacity(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	UnitE	UnitA	UnitB	UnitC	UnitD	UnitE	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Min.data	Rated data	Max.data	Rated capacity			
1x4	7	7	7	7	—	2.30	2.30	2.30	2.30	—	1.80	9.20	14.00	0.55	2.50	5.39	2.50	11.09	23.90	3.68	A	3.80	A
	7	7	7	9	—	2.30	2.30	2.30	2.90	—	1.80	9.80	14.00	0.55	2.70	5.39	2.50	11.98	23.90	3.63	A	3.80	A
	7	7	7	12	—	2.30	2.30	2.30	3.80	—	1.80	10.70	14.00	0.55	2.90	5.39	2.50	12.87	23.90	3.69	A	3.80	A
	7	7	7	15	—	2.30	2.30	2.30	5.40	—	1.80	12.30	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.73	A	3.80	A
	7	7	7	18	—	2.30	2.30	2.30	5.50	—	1.80	12.40	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.76	A	3.80	A
	7	7	7	24	—	2.10	2.10	2.10	6.39	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	7	7	9	9	—	2.30	2.30	2.90	2.90	—	1.80	10.40	14.00	0.55	2.85	5.39	2.50	12.64	23.90	3.65	A	3.80	A
	7	7	9	12	—	2.30	2.30	2.90	3.80	—	1.80	11.30	14.00	0.55	3.10	5.39	2.50	13.75	23.90	3.65	A	3.80	A
	7	7	9	15	—	2.26	2.26	2.85	5.31	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	7	7	9	18	—	2.24	2.24	2.83	5.36	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	7	7	9	24	—	2.01	2.01	2.54	6.12	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	7	7	12	12	—	2.30	2.30	3.80	3.80	—	1.80	12.20	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.70	A	3.80	A
	7	7	12	15	—	2.11	2.11	3.49	4.96	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	7	7	12	18	—	2.10	2.10	3.47	5.02	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	7	7	12	24	—	1.89	1.89	3.13	5.76	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	7	9	9	12	—	2.30	2.9	2.9	3.80	—	1.80	11.90	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.61	A	3.80	A
	7	9	9	15	—	2.16	2.72	2.72	5.07	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	7	9	9	18	—	2.14	2.70	2.70	5.13	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	7	9	9	24	—	1.93	2.44	2.44	5.88	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	7	9	12	12	—	2.28	2.87	3.76	3.76	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	7	12	12	12	—	2.13	3.52	3.52	3.52	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	9	9	9	9	—	2.90	2.90	2.90	2.90	—	1.80	11.60	14.00	0.55	3.10	5.39	2.50	13.75	23.90	3.74	A	3.80	A
	9	9	9	12	—	2.90	2.90	2.90	3.80	—	1.80	12.50	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.79	A	3.80	A
	9	9	9	15	—	2.61	2.61	2.61	4.86	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	9	9	9	18	—	2.59	2.59	2.59	4.91	—	1.80	12.68	14.00	0.55	3.30	5.39	2.50	14.64	23.90	3.84	A	3.80	A
	9	9	9	24	—	2.34	2.34	2.34	5.65	—	1.80	12.68	14.00	0.55	3.25	5.39	2.50	14.42	23.90	3.90	A	3.80	A
	9	9	12	12	—	2.74	2.74	3.60	3.60	—	1.80	12.68	14.00	0.55	3.25	5.39	2.50	14.42	23.90	3.90	A	3.80	A
	9	9	12	15	—	2.45	2.45	3.21	4.56	—	1.80	12.68	14.00	0.55	3.25	5.39	2.50	14.42	23.90	3.90	A	3.80	A
	9	9	12	18	—	2.44	2.44	3.19	4.62	—	1.80	12.68	14.00	0.55	3.25	5.39	2.50	14.42	23.90	3.90	A	3.80	A
	9	12	12	12	—	2.57	3.37	3.37	3.37	—	1.80	12.68	14.00	0.55	3.25	5.39	2.50	14.42	23.90	3.90	A	3.80	A
	12	12	12	12	—	3.17	3.17	3.17	3.17	—	1.80	12.68	14.00	0.55	3.25	5.39	2.50	14.42	23.90	3.90	A	3.80	A
	9	12	12	15	—	2.31	3.03	3.03	4.31	—	1.80	12.68	14.00	0.55	3.25	5.39	2.50	14.42	23.90	3.90	A	3.80	A
	9	12	12	18	—	2.30	3.01	3.01	4.36	—	1.80	12.68	14.00	0.55	3.25	5.39	2.50	14.42	23.90	3.90	A	3.80	A
	9	12	12	24	—	2.10	2.75	2.75	5.07	—	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.80	A
1×5	7	7	7	7	7	2.30	2.30	2.30	2.30	2.30	1.80	11.50	14.00	0.55	3.10	5.39	2.50	13.75	23.90	3.71	A	3.85	A
	7	7	7	7	9	2.30	2.30	2.30	2.30	2.90	1.80	12.10	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.73	A	3.85	A
	7	7	7	7	12	2.24	2.24	2.24	2.24	3.71	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	7	15	2.00	2.00	2.00	2.00	4.69	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	7	18	1.98	1.98	1.98	1.98	4.74	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	7	24	1.80	1.80	1.80	1.80	5.48	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	9	9	2.30	2.30	2.30	2.90	2.90	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	9	12	2.14	2.14	2.14	2.70	3.54	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	9	15	1.92	1.92	1.92	2.42	4.50	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	9	18	1.91	1.91	1.91	2.40	4.56	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	9	24	1.74	1.74	1.74	2.19	5.28	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	12	12	2.01	2.01	2.01	3.32	3.32	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	12	15	1.81	1.81	1.81	2.99	4.25	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	12	18	1.80	1.80	1.80	2.97	4.30	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	7	12	24	1.65	1.65	1.65	2.72	5.01	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	9	9	9	2.19	2.19	2.76	2.76	2.76	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	9	9	12	2.05	2.05	2.59	2.59	3.39	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	9	9	15	1.85	1.85	2.33	2.33	4.33	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	9	9	18	1.83	1.83	2.31	2.31	4.39	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	7	7	9	9	24	1.68	1.68	2.11	2.11	5.10	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	9	9	9	9	9	2.54	2.54	2.54	2.54	2.54	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	9	9	9	9	12	2.39	2.39	2.39	2.39	3.13	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	9	9	9	9	15	2.16	2.16	2.16	2.16	4.03	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	9	9	9	9	18	2.15	2.15	2.15	2.15	4.08	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	9	9	9	12	12	2.26	2.26	2.26	2.96	2.96	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	9	9	9	12	15	2.05	2.05	2.05	2.69	3.83	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A
	9	9	9	12	18	2.04	2.04	2.04	2.68	3.87	1.80	12.68	14.00	0.55	3.24	5.39	2.50	14.37	23.90	3.91	A	3.85	A

Control System

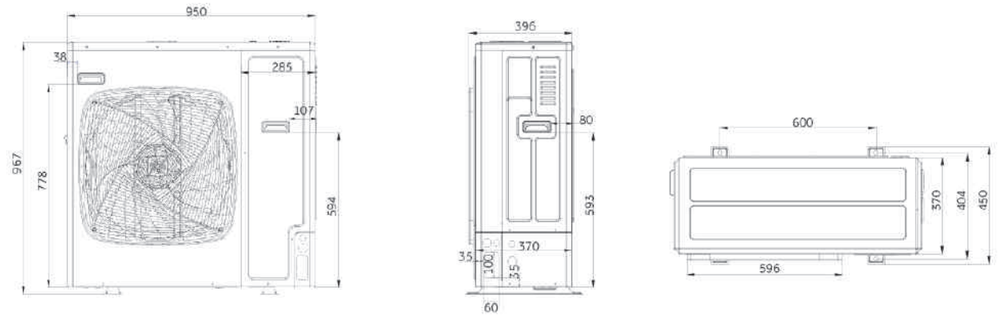
Controller	Design	Model	Functions	For what units
Infrared controller		YR-HD	* On/Off, Mode, Fan speed, Temperature setting, Swing * One button solution: Cool,Heat,Dry,quiet * Simple timer control	Super match (except high wall unit)
		YR-HBS01	* On/Off, Mode, Fan speed, Temperature setting, Swing * Turbo,quiet * Individual blade control for Smart Power Cassette * Clock & Timer * Follow/Evade function * Celsius to Fahrenheit	Nebula Smart power Cassette Duct type Convertible
Wired controller		YR-E16A	* On/Off, Mode, Fan speed, Temperature setting, Swing * Individual & Group control (Max 16 indoor units) * Large button * Fahrenheit/ Celsius selectable; Sensitivity ±0.5°C (±1°F) * Weekly timer * Individual louver control for Smart Power Cassette * Static pressure setting	All (except console unit)
		YR-E16B	* Colorful screen * On/Off, Mode, Fan speed, Temperature setting, Swing * Individual & Group control (Max 16 indoor units) * Fahrenheit/ Celsius selectable; Sensitivity ±0.5°C (±1°F) * Weekly timer * Indicidual blade control for round way cassette. * Static pressure setting	All (except console unit)
		YR-E17	* On/Off, Mode, Fan speed, Temperature setting, Swing * Individual & Group control (Max 16 indoor units) * Simple and Smart design, 86*86*13.05mm * Touch button with back light * Timer/ Clock * Easy installation * Indicidual blade control for round way cassette.	All (except console unit)
Wifi		KZW-W001	* Remote control: On/Off, Mode, Fan speed, Temperature setting, Swing * Individual control * Cloud adeptation * Weekly timer * A YCJ-A002 isrequired on some indoor unit*	Since 2016,the models with wifi(Optional)
Central conroller		YCZ-G001	* Individual control, Group control & Central control (Max 32 indoor units) * Large touch key * Weekly timer * Unit name & Group name free setting, Four background available(mall, hotel, office, home) * Error display * Must be used in combination with an HA-MA for each MRV system (Max. 32 sets)	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
		YCZ-A004	* Individual control, Group control & Central control (Max 256 indoor units) * 7-inch TFT LCD touch screen with backlight * Weekly timer * Indoor units' information edit * Historical data backup * Must be used in combination with an HA-MA for each MRV system. (Max. 32 sets)	
BMS		HCM-05A	* Remote monitoring version * Third party interface: BACnet ip * Max. 250 indoor units can be controlled for f HCM-05; and 500 indoor units for HCM-05A * Max. 32 systems. Each system requires one IGU02. * Operation status setting & monitoring. * Schedule setting * Multi user management with different authorized levels * Electricity charge report * Operation and Error history log * Cooperated technology with Honeywell	All (except directly connection to Cassette & console unit)
Wireless control receiver		RE-02	* Infrared signal receiver * Realize the remote control of Duct type indoor unit * Model selection depens on the duct indoor unit	Duct
Converter		YCJ-A002	* RS-485 protocol * Double switch function * Communicate with centralized controller or BMS * Communicate with remote devices * Modbus rtu port*	All (Except R410a DC 4-way Cassette)
Error detection module		YCJ-A003	* Malfunction detector	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

DIMENSIONS

Outdoor Platform(R410a)

Smart Power

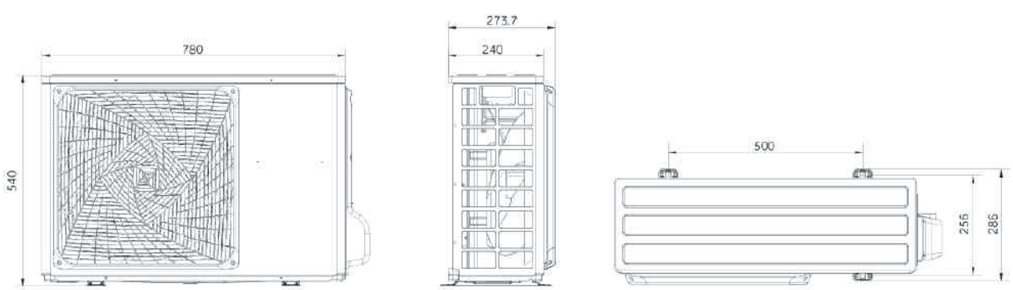
1UH071N1ERG/1UH090N1ERG/1UH105N1ERG



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

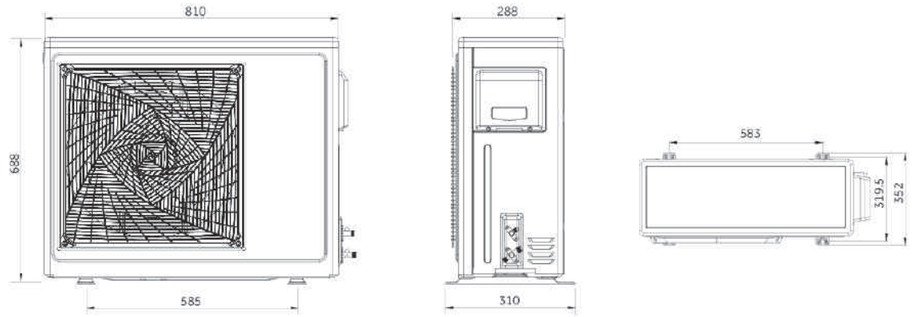
Classic Power

1U12BS3ERA

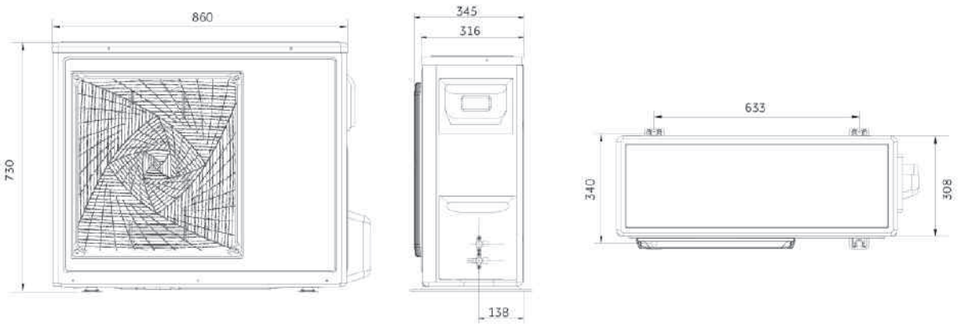


Classic Power

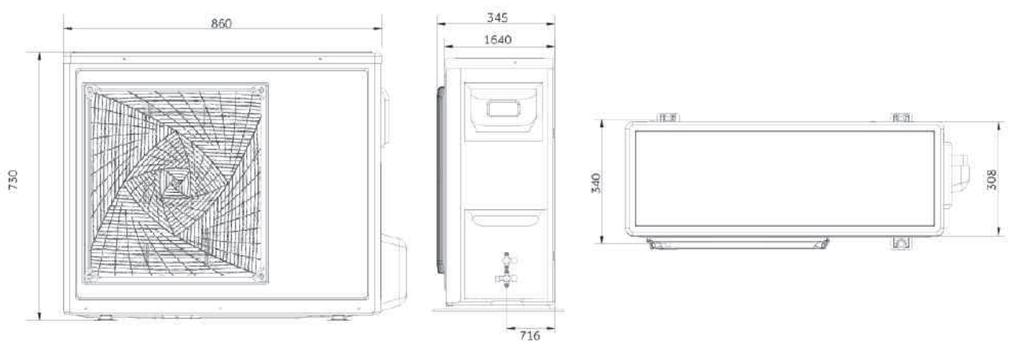
1U18FS2ERA(S)



1U24GS1ERA



1U28GS2ERA(S)

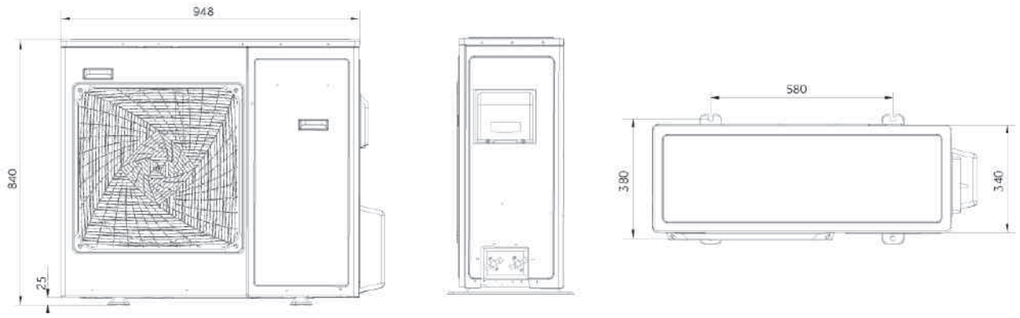


DIMENSIONS

Outdoor Platform(R410a)

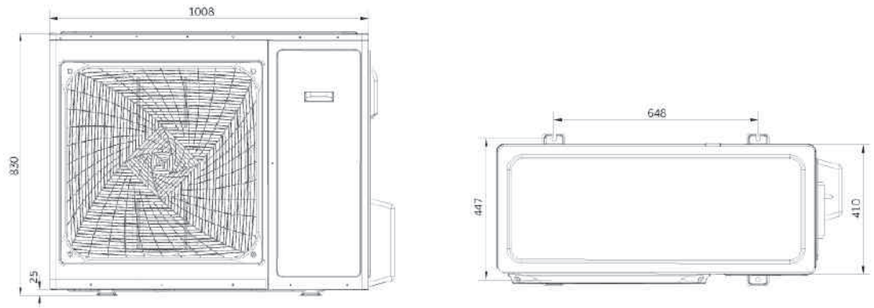
Classic Power

1U36HS1ERA(S)

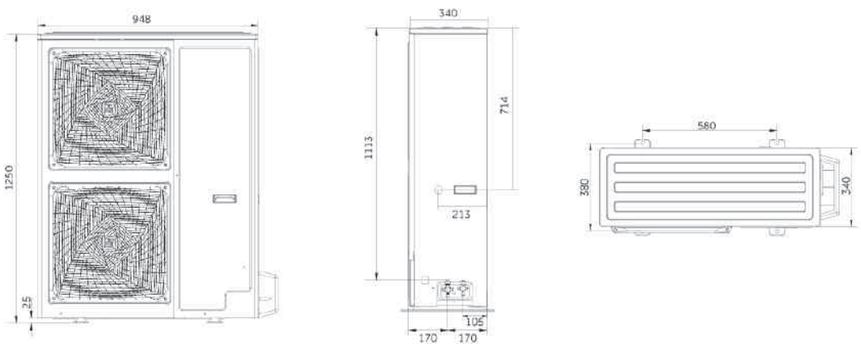


Classic Power ON/OFF

1U48LS1ERA(S)/1U48LS1ERB(S)

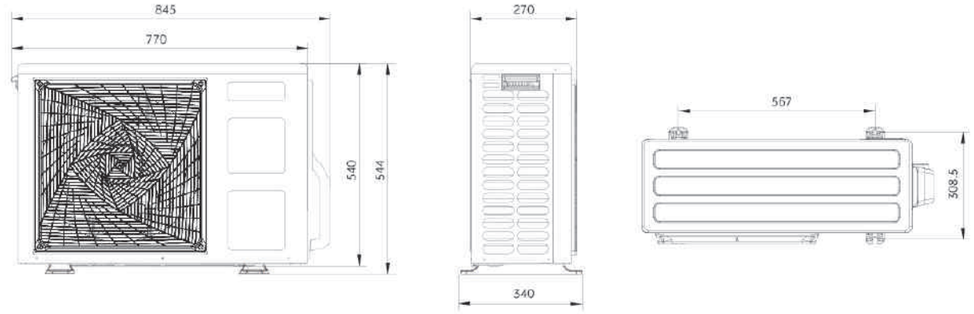


1U60IS2ERB(S)

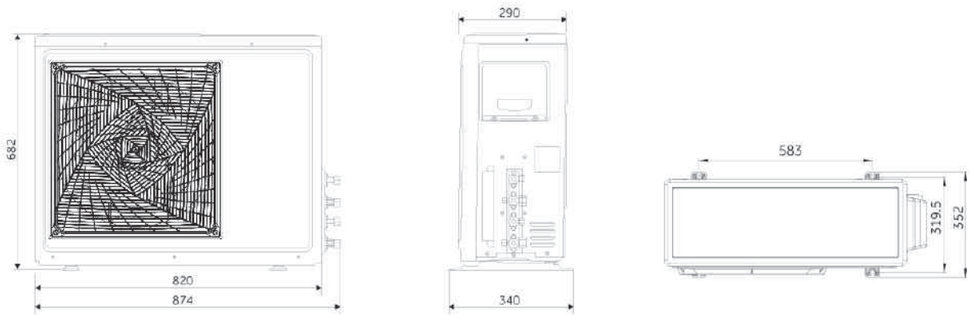


Multi Split

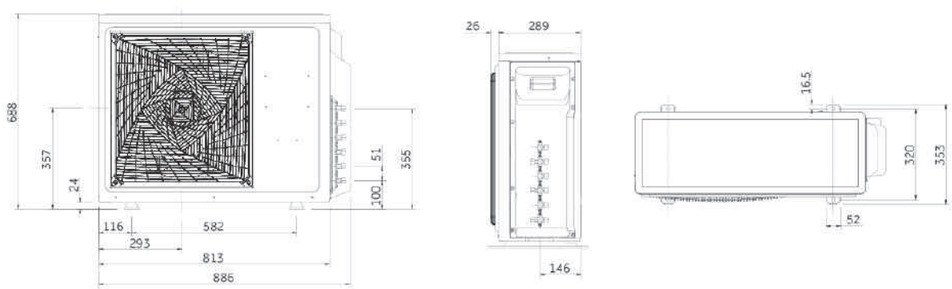
2U14CS2ERA(S)



2U18FS2ERA(S)



3U19FS1ERA(N)

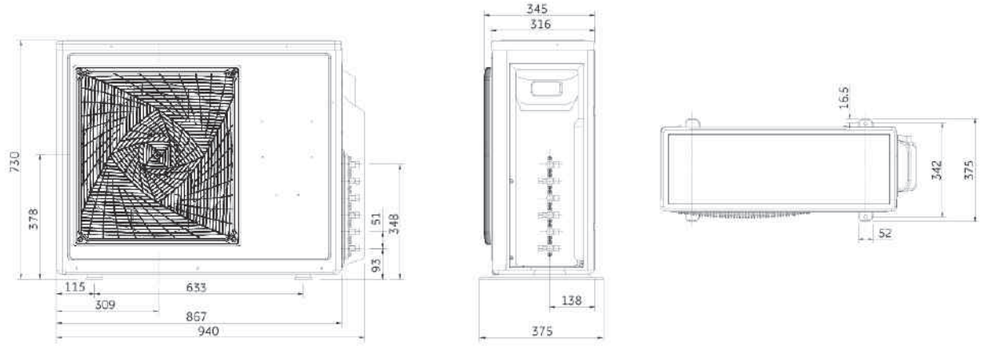


DIMENSIONS

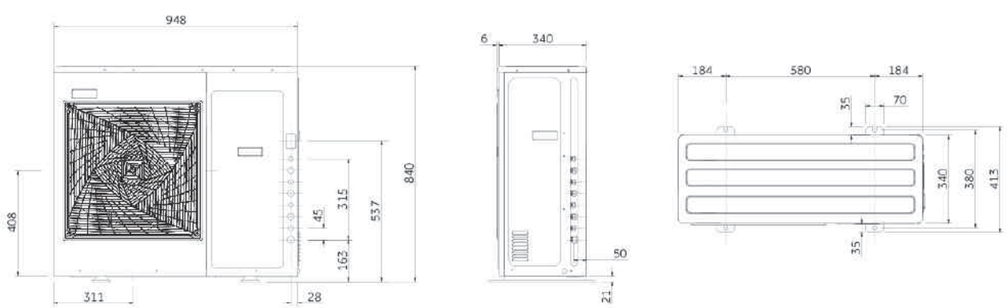
Outdoor Platform(R410a)

Multi Split

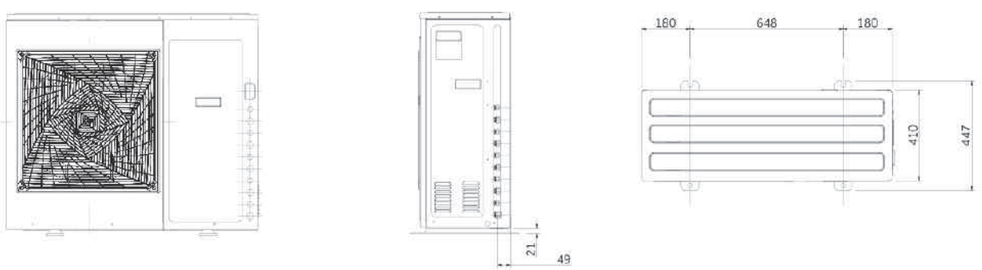
3U24GS1ERA(N)



4U26HS1ERA/4U30HS1ERA/5U34HS1ERA



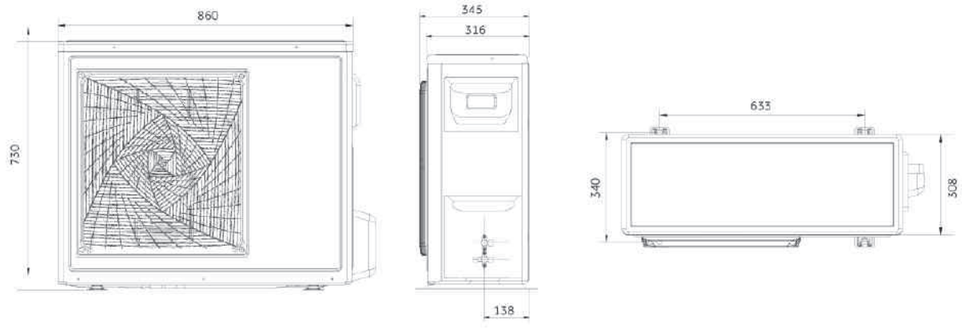
5U45LS1ERA



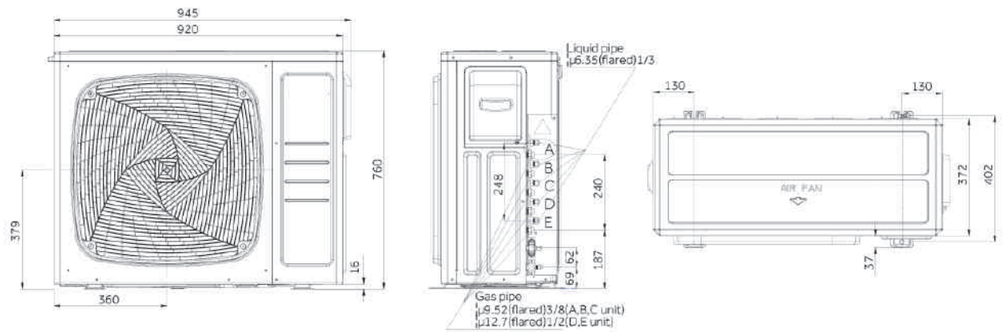
Outdoor Platform(R32)

Single Split

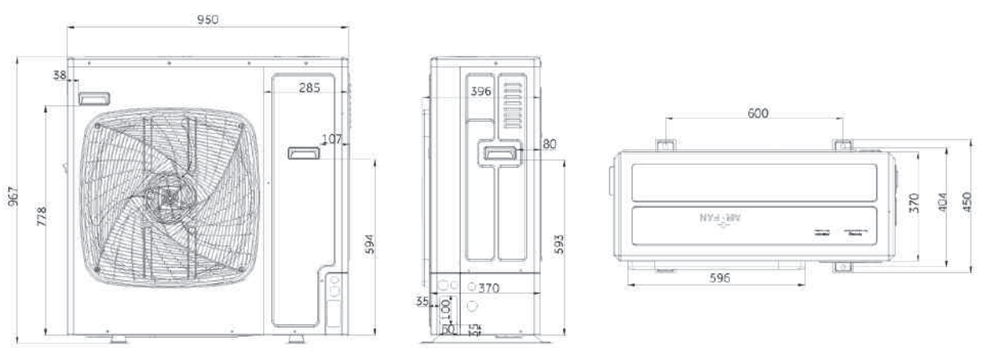
1U71S2SG1FA



1U105S2SS1FA



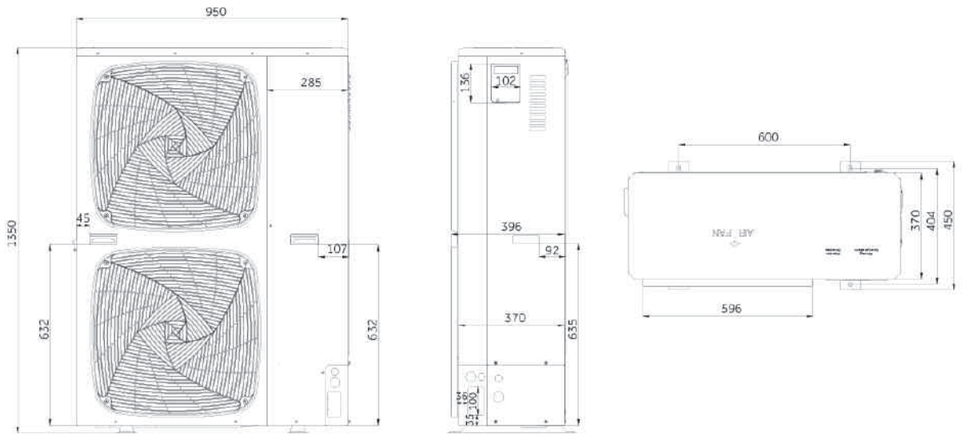
1U125S2SN1FA/1U125S2SN1FB



Outdoor Platform(R32)

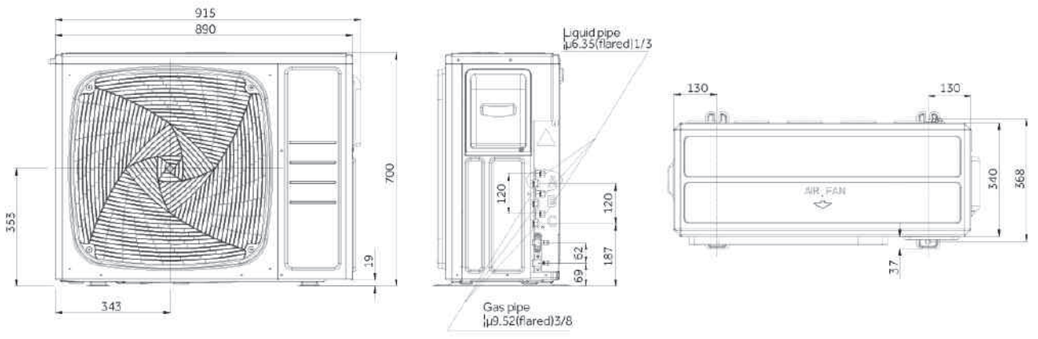
Single Split

1U140S2SP1FA/1U140S2SP1FB

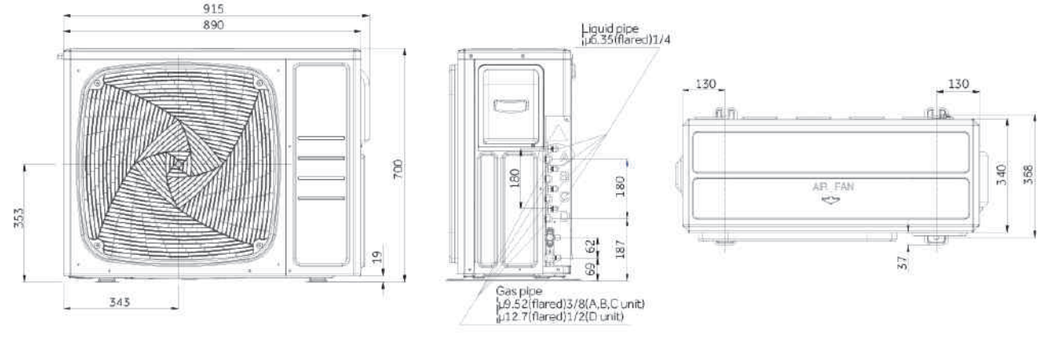


Multi Split

3U55S2SR2FA/3U70S2SR2FA

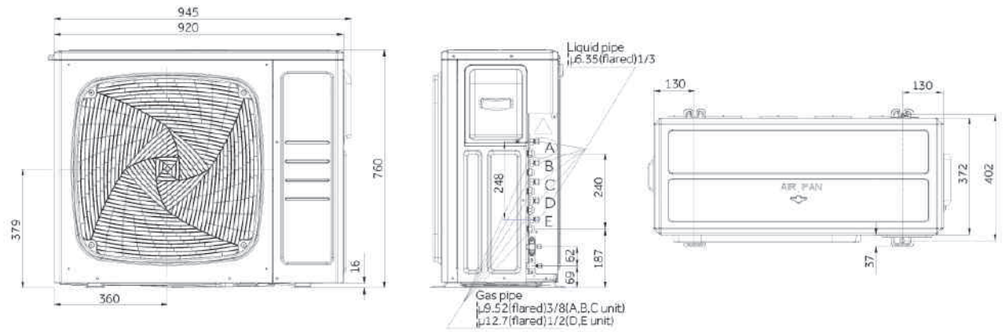


4U75S2SR2FA/4U85S2SR2FA



Multi Split

5U90S2SS2FA/5U105S2SS2FA

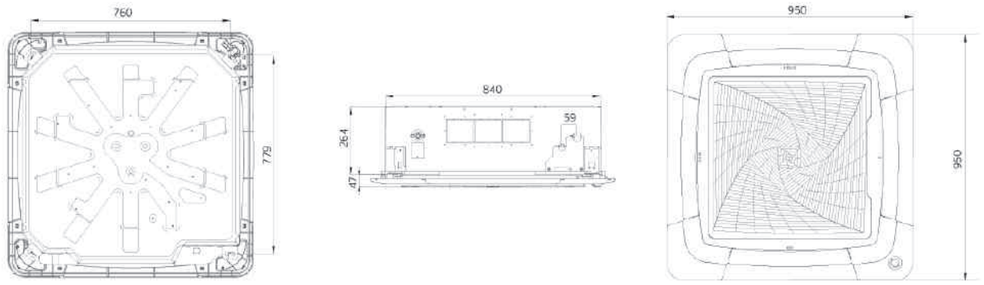


DIMENSIONS

Indoor Platform

Cassette Type (Round Way Cassette)

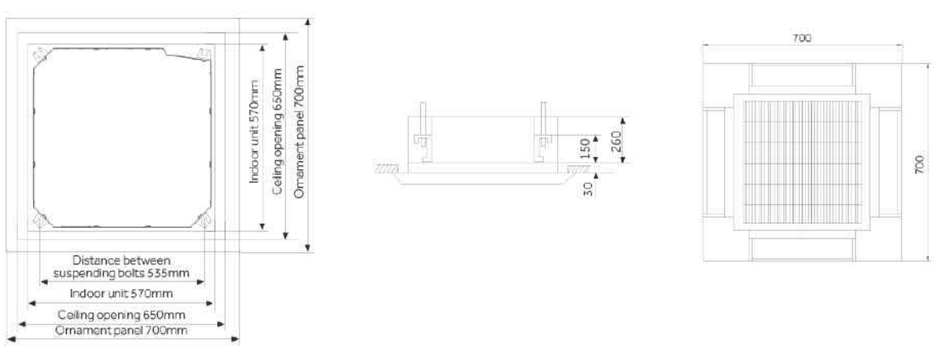
ABH071H1ERG/ABH090H1ERG/ABH105H1ERG



ABH125K1ERG/ABH140K1ERG

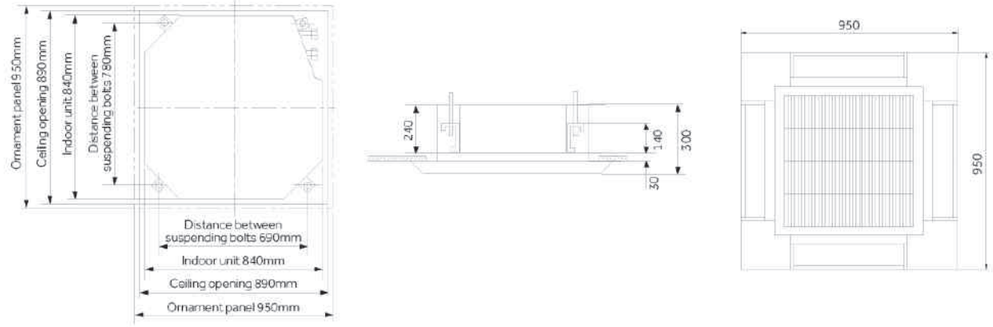
Cassette Type

AB09CS2ERA(S)/AB12CS2ERA(S)/AB18CS2ERA(S)



Cassette Type

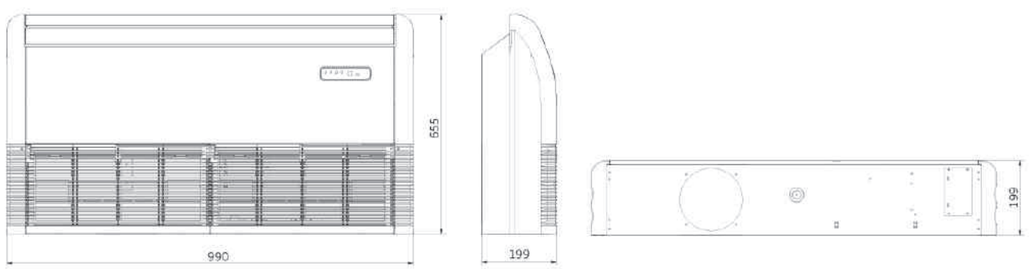
AB24ES1ERA(S)/AB28ES1ERA(S)



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

Convertible Type

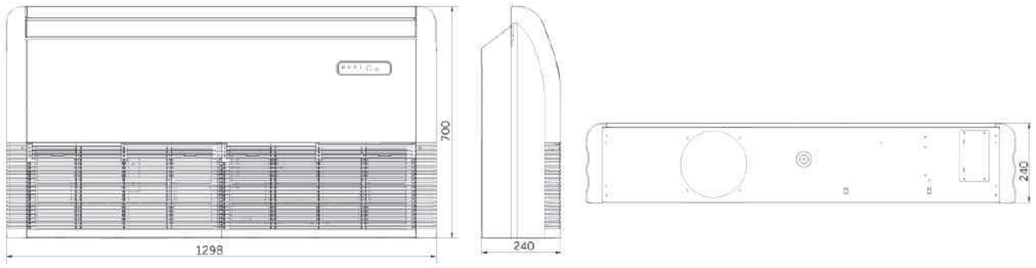
AC12CS1ERA(S)/AC182CS1ERA(S)/AC242CS1ERA(S)



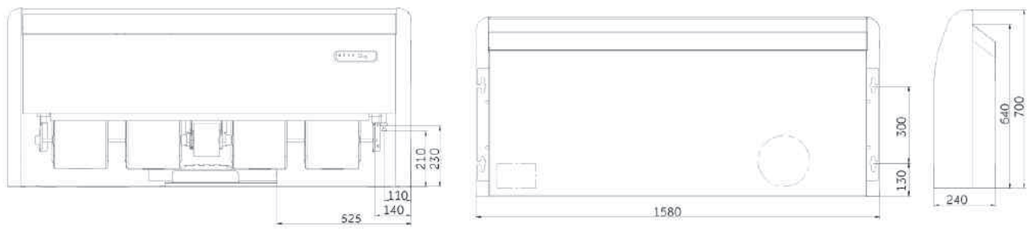
Indoor Platform

Convertible Type

AC28ES1ERA(S)/AC36ES1ERA(S)

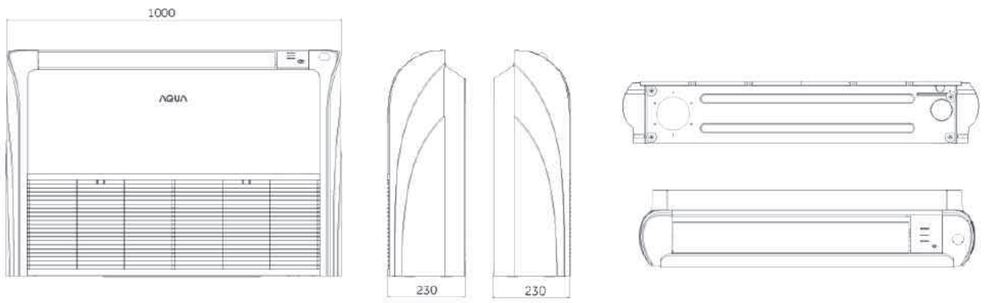


AC48FS1ERA(S)/AC60FS1ERA(S)



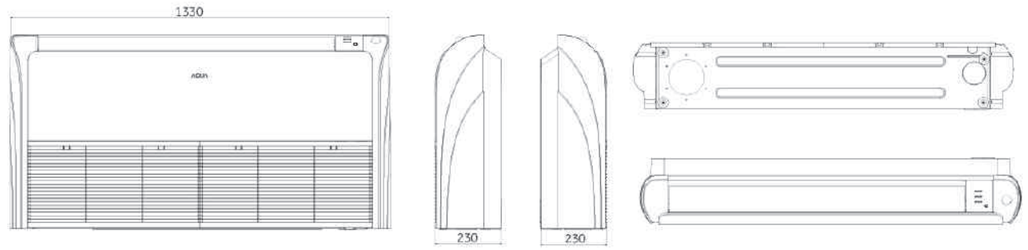
New Convertible Type

AC35S2SG1FA/AC50S2SG1FA

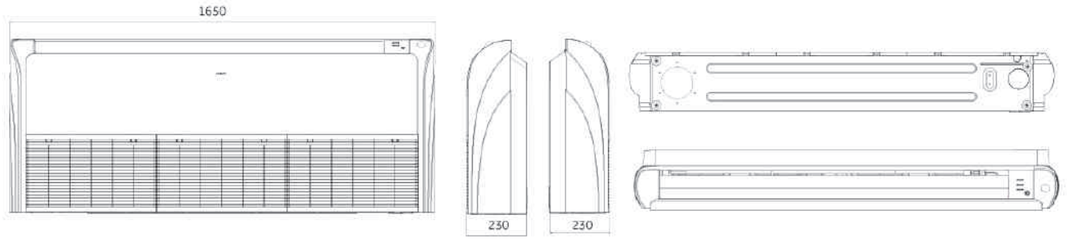


New Convertible Type

AC71S2SG1FA/AC90S2SH1FA/AC105S2SH1FA

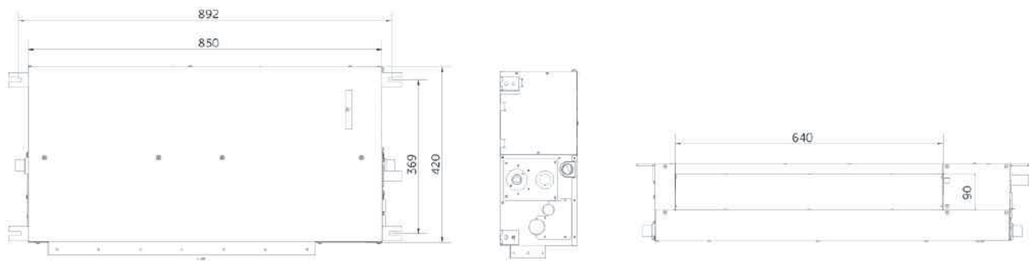


AC125S2SK1FA/AC125S2SK1FA/AC140S2SK1FA/AC140S2SK1FA



Slim Duct Type

AD09SS1ERA(N)/AD12SS1ERA(N)

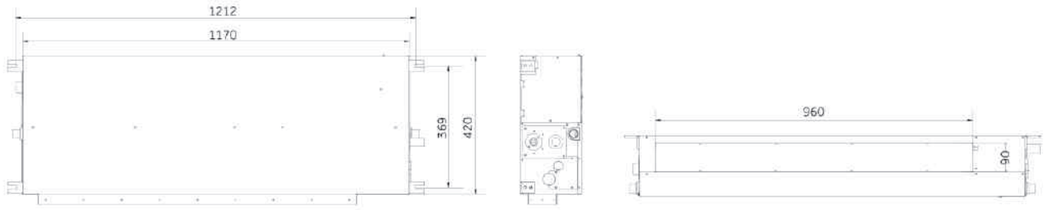


DIMENSIONS

Indoor Platform

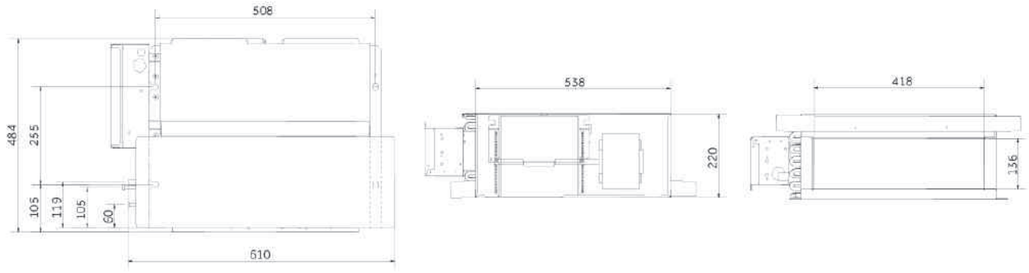
Slim Duct Type

AD18SS1ERA(N)/AD24SS1ERA(N)

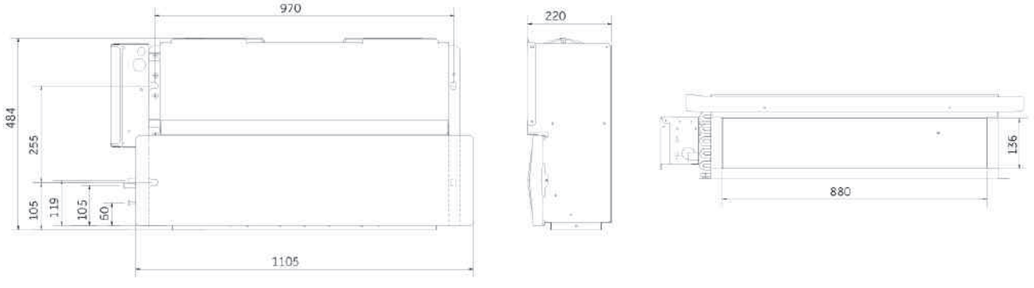


Low ESP Duct Type

AD09LS1ERA/AD12LS1ERA

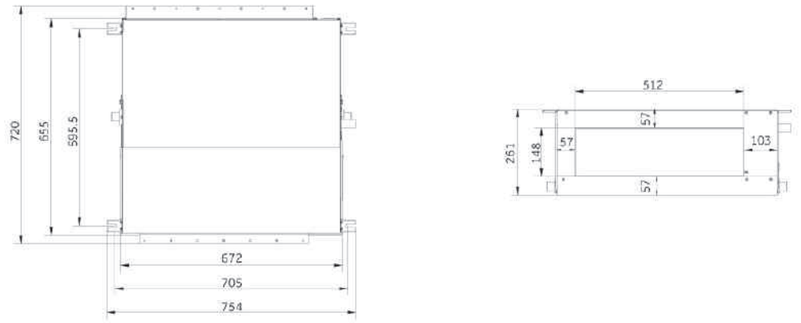


AD18LS1ERA/AD24LS1ERA

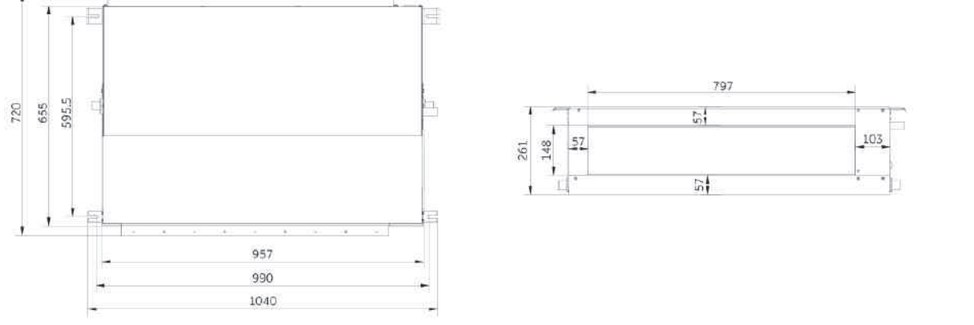


Medium ESP Duct Type

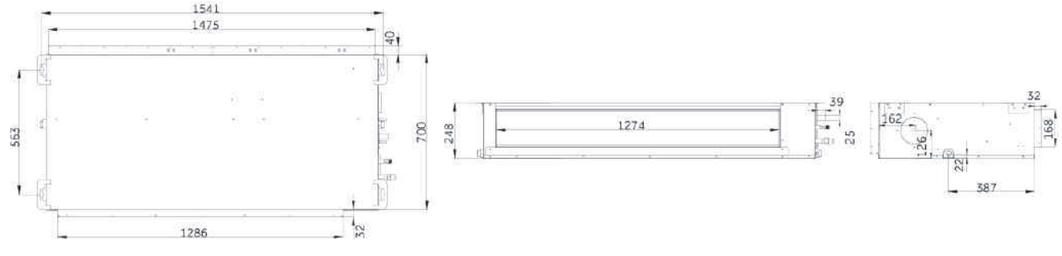
AD12MS1ERA



AD18MS1ERA/AD24MS2ERA/ADH071M1ERG/ADH090M1ERG



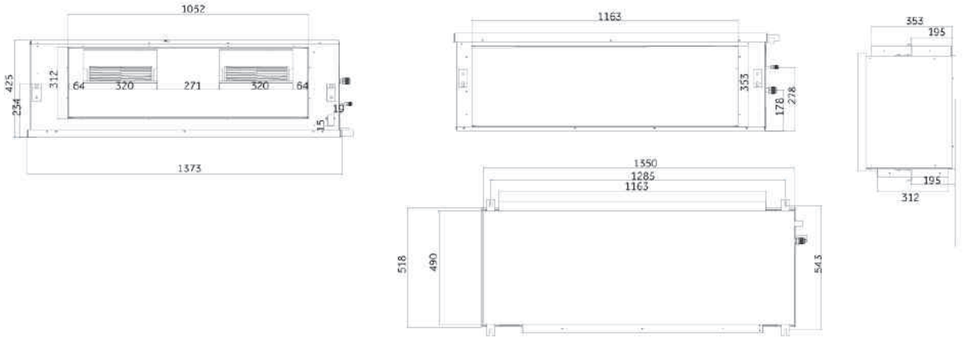
ADH105M1ERG/ADH125M1ERG/ADH140M1ERG



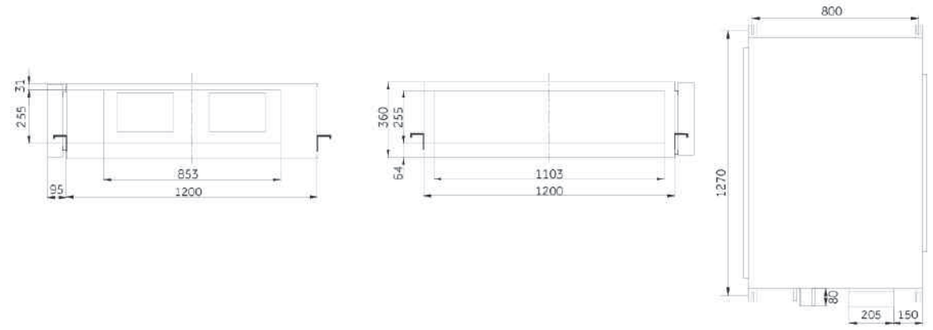
DIMENSIONS

High ESP Duct Type

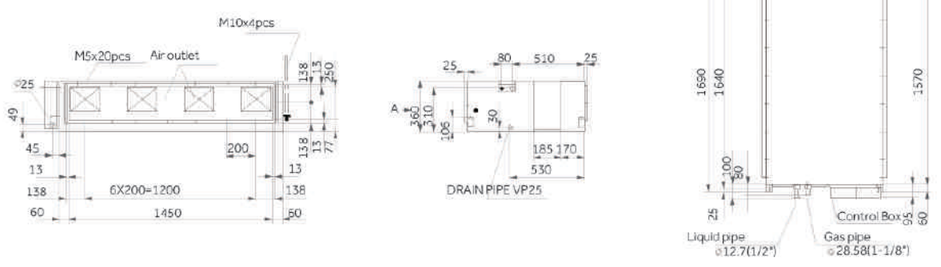
ADH105H1ERG/ADH125H1ERG/ADH140H1ERG



AD48HS1ERA(S)/AD60HS1ERA(S)

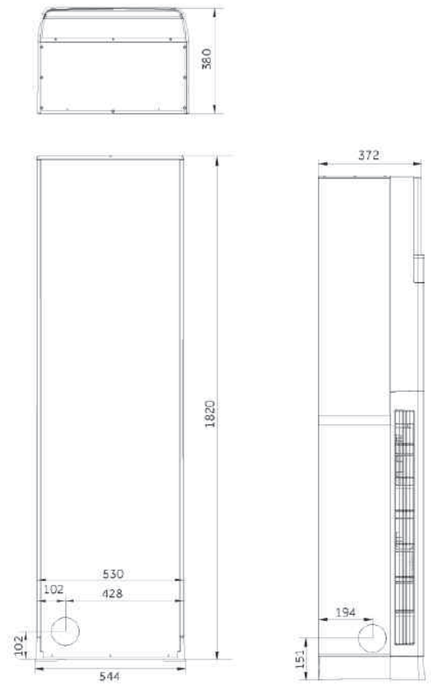


AD842AHEAA

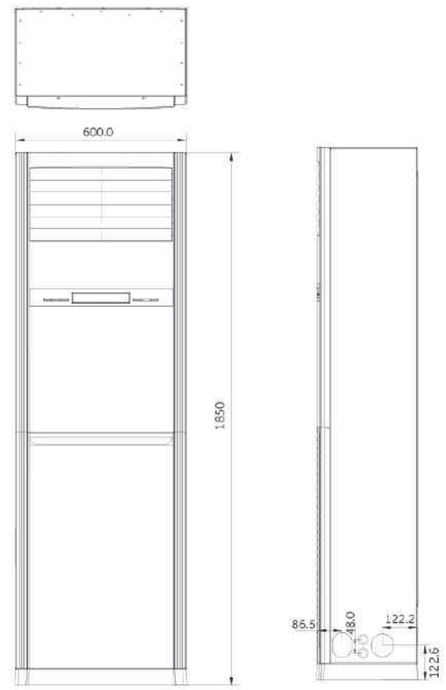


Cabinet Type

AP48DS1ERA(S)

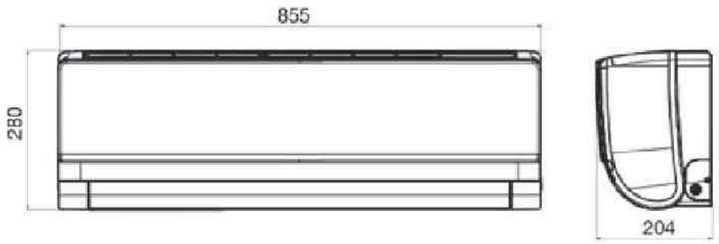


AP48KS1ERA(S)/AP60KS1ERA(S)

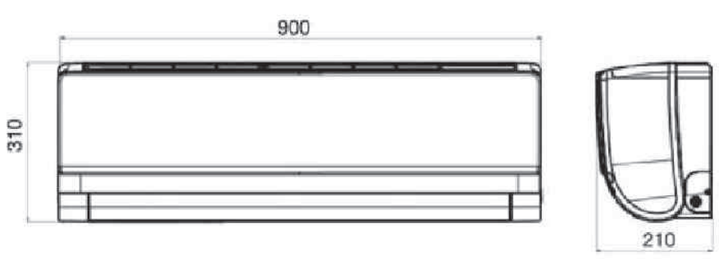


Nebula

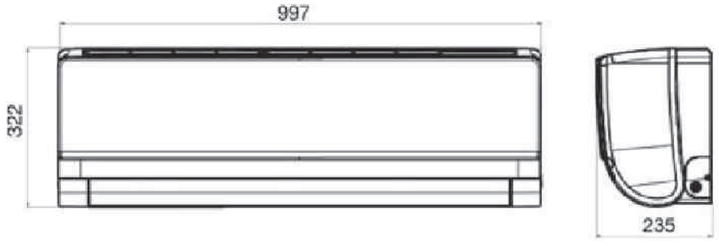
AS07NS1HRA-WU/AS07NS1HRA-GU/AS09NS1HRA-WU/AS09NS1HRA-GU/
AS12NS1HRA-WU/AS12NS1HRA-GU



AS15NS1HRA-WU/AS15NS1HRA-GU

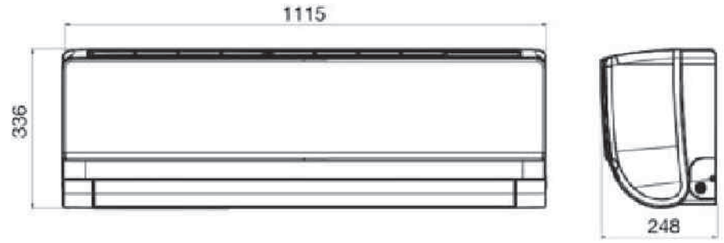


AS18NS1HRA-WU/AS18NS1HRA-GU



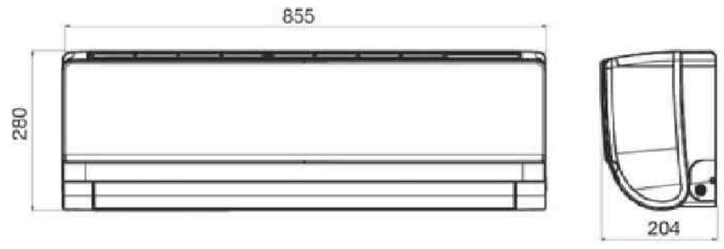
Nebula

AS24NS1HRA-WU/AS24NS1HRA-GU

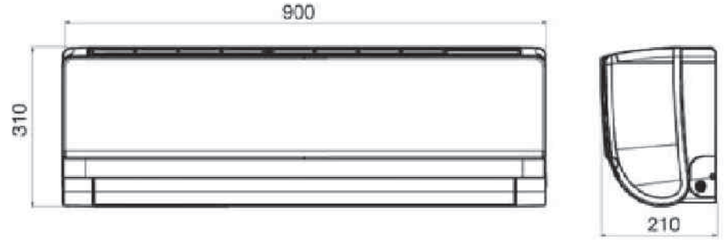


Breeza

AS07BS4HRA/AS09BS4HRA/AS12BS4HRA

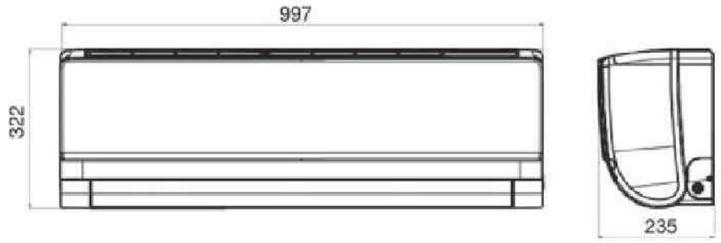


AS15BS4HRA

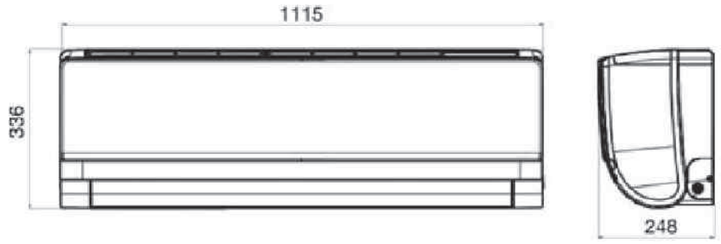


Breeza

AS18BS4HRA

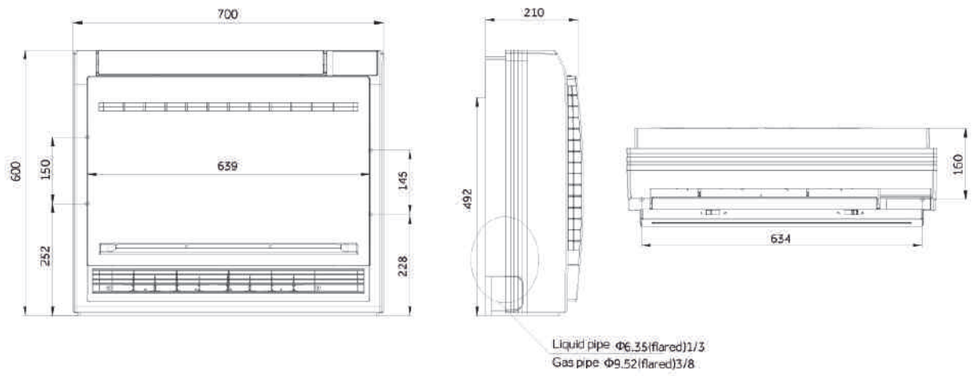


AS24BS4HRA



New Console

AF25S2SD1FA/AF35S2SD1FA




AQUA