Super Match Multi

2018

Haier

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, organised or enjoyable.

As a worldwide industry leader, Haier innovates beyond products and solutions and turns the organisation into a wholly connected platform. In doing so, internal and external resources are connected quickly and easily. We believe only by doing so can we best meet our consumers' expectations in this rapidly evolving world.

Be part of the Haier Network, and create new possibilities.

ICON LEGEND

HEALTH

Air Filter — Mesh air filtration to collect airborne particles such as dust and lint.

Premium filter — Premium air filtration for removal of smaller airborne dust particles, and other materials.

Evaporator self-cleaning — In cooling or dehumidification mode operation, the dust on the evaporator is removed with the condensate water, and after the cooling has shut down the fan will continue to operate to dry the evaporator.

ENERGY

DRED — Demand Response Enabling Device. It provides a method by which a power supply company limit the amount of power that an appliance will consume. The aim is to reduce peak demand to the power supply network at critical peak load times.

DC INVERTER 180° sine wave — DC inverter A-PAM inverter 180°sine wave inverter technology will reduce vibration at low compressor frequency, reduce noise and energy at lower RPM's when compared to a standard inverter system.

DC motor — Latest technology DC motor adopted instead of AC motors. DC motor require reduced power to operate versus a typical AC motor. Built-in microprocessor allows for programmability control.

On-Off card — On/Off control card can be managed by a simple on/off device such as a hotel card system

MEPS — Minimum Energy Performance Standards (MEPS) Conforms to Australian and New Zealand standard AS/NZS3823.2.2013

TECHNOLOGY

Group control — Connection of more than one indoor unit so they can operate as a group.

Central control — Connection to an accessory central control device to allow independent operation of more than one device at a central location.

BMS — Connection possible to a Building Management System via an interface accessory device.

24 hours timer — Built in timer

Child lock — Prevent unauthorised operation

Self-diagnosis function — Self diagnosis function. In the event of failure an error code will be displayed.

Adjustable E.S.P — Built-in microprocessor allows for programmability and better airflow control via the remote interface.

CONVENIENCE

Two Way Drain Connection — Designed with alternative drain connection convenience on either side of the indoor unit.

Drain water pump — Inbuilt water pump for removal of condensate.

Compact design — Slim design to suit ceiling cavities.

COMFORT

Auto mode — Built-in microprocessor automatically detects room temperature and determines operation mode either heating or cooling.

Wi-Fi Control Compatible — Control via with smart phone or tablet which can connect to the Internet

Soft mode — Just press the button "quiet" on the remote controller to operate in quiet mode

Power mode — Work in powerful mode, to provide fast heating or cooling.

Carpet airflow — Air directed at low level in heating and upward in cooling mode for correct airflow.

4-way airflow — Air is distributed in 4 directions simultaneously.

4 fan settings — Adoption of DC fan motor permits 4 fan speed control by the user.

3D auto airflow — The 3D airflow is able to deliver the airflow horizontally and vertically, so it feels like a natural breeze

Intelligent air — Air directed at downward in heating and across in cooling mode for correct airflow distribution..

Sleep mode — Temperature requirement shifts during sleep as we remain inactive. The system will adjust temperature and noise for more comfort during sleep.

Fresh Air Connection — Fresh air duct connection to allow fresh air to be ducted directly into the unit. Improving the room oxygen levels.

DRY function — Dry Mode concentrates on RH% humidity reduction and less on temperature.

Auto-swing — Microprocessor controlled motors change the direction of outlet airflow, imitating nature.

RELIABILITY

-15°C heating — Outdoor unit designed for heating operation down to -15 °C

Low ambient cooling at -10°C — Outdoor Unit designed for cooling operation down to -10 °C

Blue fin — The heat exchanger aluminium fin stock has a Hydrophilic coating for its anti-corrosion properties and its low surface tension, which enables water droplets to flow off the surface better than standard Aluminium fin.

50 or 60Hz Widely electricity Hz — Designed for both 50 and 60Hz power supply.

3 min 3 minutes protection — Allows the system pressures to balance before attempting start of the compressor, to prevent damage and excessive power consumption.

Wide voltage — Engineered for wide voltage range for the Australian and New Zealand environment.
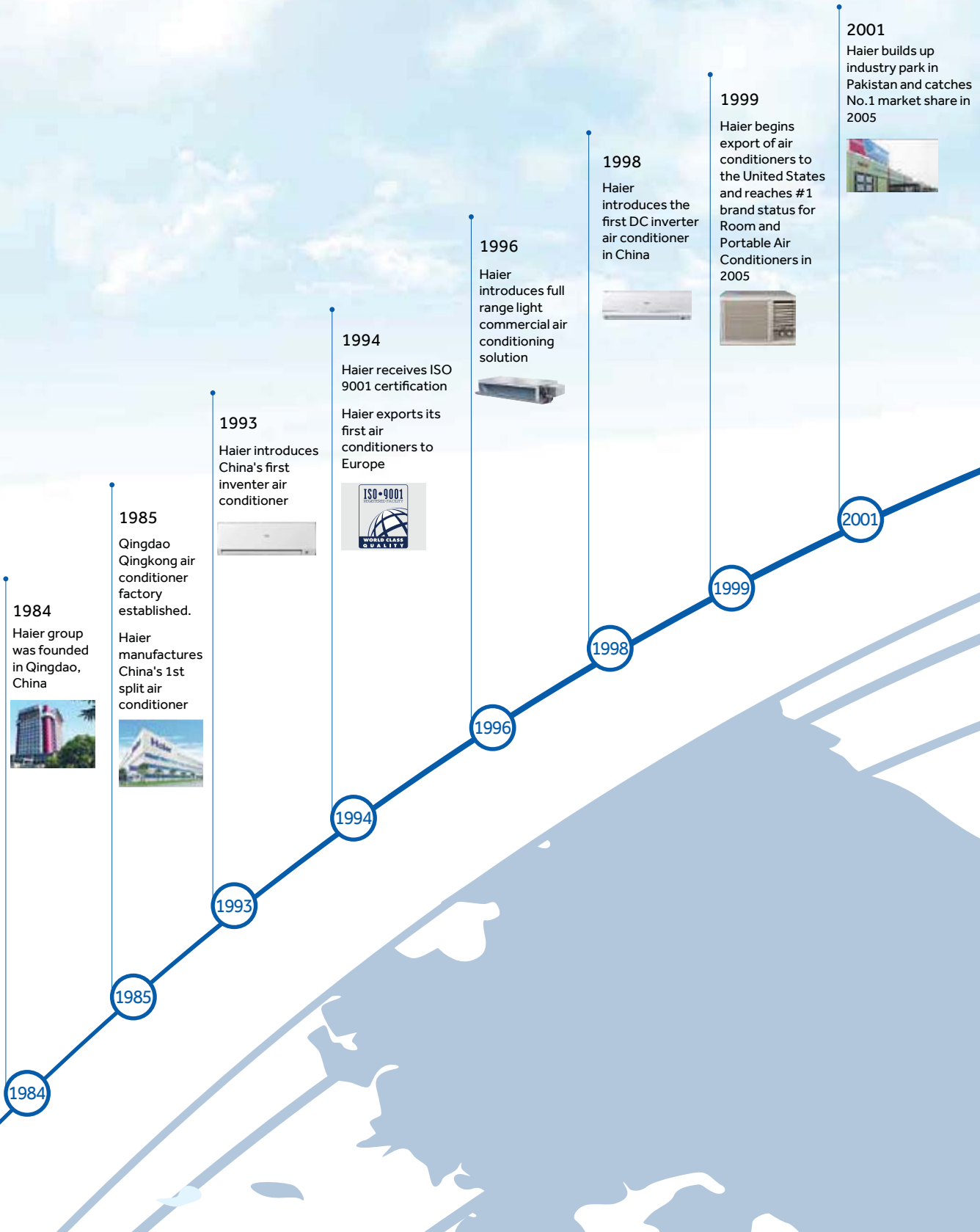
Auto restart — Auto restart after power failure, in the event of a power outage.

Haier AC Milestones

30 Years Providing Better Air Solution
A history of bringing valued products to market around the world

1984–2014
Haier 海尔

2001

Haier builds up industry park in Pakistan and catches No.1 market share in 2005

1999

Haier begins export of air conditioners to the United States and reaches #1 brand status for Room and Portable Air Conditioners in 2005

1998

Haier introduces the first DC inverter air conditioner in China

1996

Haier introduces full range light commercial air conditioning solution

1994

Haier receives ISO 9001 certification

Haier exports its first air conditioners to Europe

ISO • 9001
REGISTERED FACILITY
WORLD CLASS QUALITY

1993

Haier introduces China's first inventer air conditioner

1985

Qingdao Qingkong air conditioner factory established.

Haier manufactures China's 1st split air conditioner

1984

Haier group was founded in Qingdao, China

1984

1985

1993

1994

1996

1998

1999

2001

2002

Haier adds portable air conditioner to the US

2006

Haier releases R410a DC inverter VRF system

Haier releases centrifugal chiller with maglev technology

2007

Haier achieves the bid of 20 projects of Beijing Olympic Games

2011

Haier introduces full range of Super match solution covering on-off and inverter models as well as mono and multi system

Super match

2014

Haier establish AC R&D center to enhance the R&D ability with more focus on user's experience

2015

Haier build up the world's most advanced intelligent factory

2016

Haier launches Smart Power high efficiency air conditioning system

2002   2006   2007   2011   2014   2015   2016

SUPER MATCH

MULTI

Outdoor Models

Indoor Model
- Hi-Wall
- Console
- Cassette
- Slim Low Static Duct
- Medium Static Duct

- Matching Table
- Drawings
- Control Systems
- Central control Systems

KEY FEATURES

Easy Wiring

Wiring solution: Parallel connection, easy wiring.
Note: Red wire=power wire; Blue wire=communication wire;
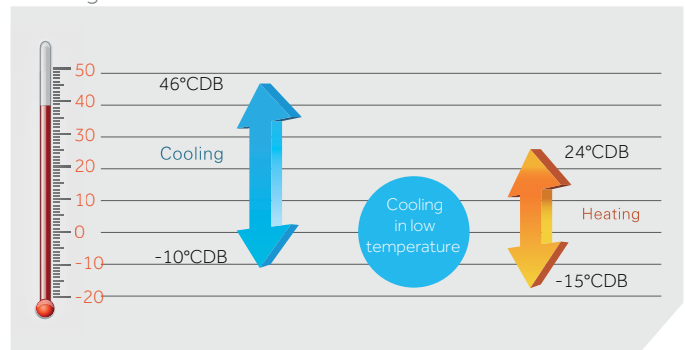Black wire=pipe.

Wider Range of Operation

Wider range operation of outside temperature
Cooling: from -10°C to 46°C
Heating: from -15°C to 24°C

Service Screen

In start up & maintenance the service screen will show a failure code to understand and repair problem easier.

New maintenance panel is fixed on the side panel which the installer can remove, by removal of only one screw, to allow checking of the compressor running frequency and error code from the double 8 screen.
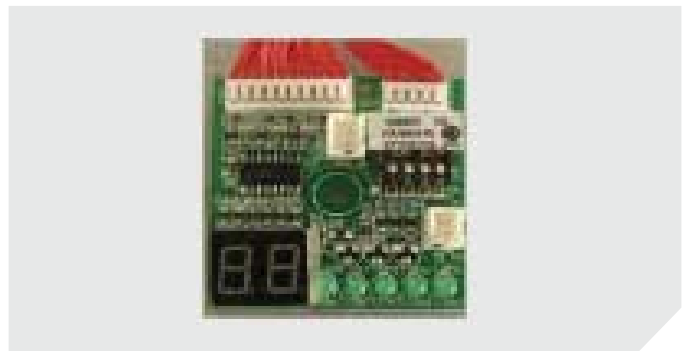
Wider Voltage Range

Equipped with various DC components, the new Multi system is applicable both for 50Hz and 60Hz electricity condition.
Working voltage: 208V~240V
The system is more tolerant to unstable voltage conditions.

OUTDOOR MODELS

180° sine wave DC inverter

3U24GS2ERA
180° sine wave DC inverter

4U30HS2ERA
180° sine wave DC inverter

5U34HS2ERA
180° sine wave DC inverter

DC INVERTER — 180° sine wave | DC motor | Wide voltage | 50 or 60 Hz — Widely electricity Hz | 3 min — 3 minutes protection | Blue — Blue fin | -15°C heating | -10°C — Low ambient cooling at -10°C | DRED | Self-diagnosis function

Model/outdoor unit				3U19FS2ERA	3U24GS2ERA	4U30HS2ERA	5U34HS2ERA
Indoor unit combinations				3*AS07NS3HRA	3*AS09NS3HRA	3*AS07NS3HRA+ 1*AS09NS3HRA	4*AS09NS3HRA
Maximum connected quantity of indoor units				3	3	4	5
Nominal Performance Data	Capacity	Cooling	kW rated (min-max)	5.4 (1.5 - 7.0)	6.9 (1.5 - 8.2)	8.2 (1.5 - 9.8)	9.1 (1.5 - 11.0)
		Heating	kW rated (min-max)	6.2 (1.8 - 8.1)	7.0 (1.8 - 9.0)	9.6 (1.8 - 10.5)	10.2 (1.8 - 11.5)
	Rated power input	Cooling	kW rated (min~max)	1.46 (0.5 - 2.6)	1.92 (0.55 - 3.1)	2.25 (0.55 - 3.8)	2.6 (0.55 - 4)
		Heating	kW rated (min-max)	1.65 (0.5 - 2.6)	1.87 (0.55 - 3.1)	2.55 (0.55 - 3.8)	2.83 (0.55 - 4)
	EER/COP			3.7/3.75	3.6/3.74	3.65/3.76	3.5/3.6
Outdoor unit							
Electrical	Power supply		Ph/V/Hz	1/220~240/50/60			
	Running Current	Cooling	Amp	6.3	8.4	9.8	11.3
	Running Current	Heating	Amp	7.2	8.1	11.1	12.3
	Maximum Current		Amp	11.3	13.5	16.5	17.4
Performance	Air flow		m³/h	2000	2500	3500	4000
			l/s	555	690	970	1110
	Sound power level (H/M/L)		dB(A)	65	67	70	70
	Sound pressure level (H/M/L)		dB(A)	52	54	56	58
Installation	External dimensions (W/D/H)		mm	886/288/688	940/345/730	948/340/840	
	Shipping dimensions (W/D/H)		mm	992/408/760	1005/423/815	1040/440/1000	
	Net/Shipping weight		kg	51/ 53	53/56	76/87	77/88
	Compressor type			Twin Rotary			
	Refrigerant type			R410A			
	Refrigerant liquid pipe		mm	3×6.35	3×6.35	4×6.35	5×6.35
	Refrigerant gas pipe		mm	3×9.52	3×9.52	3×9.52+1×12.7	4×9.52+1×12.7
	Total pipe length (Max)		m	50	60	70	80
	Single pipe length (Max)		m	25	25	25	25
	Max lift between I.U. & O.U		m	15	15	15	15
	Max lift between I.U.& I.U		m	5	5	5	5
	Refrigerant charge in factory		kg	1.9	1.9	3.2	3.4
	Pre-charge length		m	30	30	40	40
	Additional refrigerant charge		g/m	20	20	20	20
Working temp.	Cooling(Min-Max)		°C	-10 to +46			
	Heating(Min-Max)		°C	-15 to +24			

HI-WALL MODELS

❄️ AS07NS3HRA ❄️ AS09NS3HRA ❄️ AS12NS3HRA ❄️ AS15NS3HRA ❄️ AS18NS3HRA ❄️ AS24NS3HRA

YR-HG

Breeza range
Super quiet 21 dB(A)
USB Wi-Fi Control - Optional
Evaporator self cleaning

| WIFI Wi-Fi Control Compatible | Air Filter | Evaporator self-cleaning | Auto mode | Soft mode | Power mode | Sleep mode | Intelligent air | Auto restart | 24 hours timer | Blue fin |

Model/indoor unit			AS07NS3HRA	AS09NS3HRA	AS12NS3HRA	AS15NS3HRA	AS18NS3HRA	AS24NS3HRA
	Nominal Cooling	kW nominal (min-max)	2.0	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	kW nominal (min-max)	2.3	2.8 (1.0-4.6)	3.7 (1.1-5.4)	5.4 (1.4-6.0)	5.8 (1.4-6.9)	7.5 (2.4-9.8)
Electrical	Power supply	Ph/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50
Performance	Air flow(H)	m³/h	600	600	650	700	900	1200
		l/s	165	165	180	190	250	330
	Sound power level cooling (Hi)	dB(A)	52	52	54	55	57	62
	Sound pressure cool (H/M/L/S)	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 (WxDxH)	mm	855x204x280			900×210×310	997x235x322	1115x248x336
	Shipping dimensions (WxDxH)	mm	954×279×355			991×313×399	1085×329×403	1205x341x416
	Net/Shipping weight	kg	10/12.2			11.5/14	13/16	16/19.6
	Refrigerant liquid pipe	mm	6.35					9.52
	Refrigerant gas pipe	mm	9.52				12.7	15.88
	Controller	Standard	YR-HG					
		Wi-Fi	KZW-W002					

Controls

Standard

YR-HG

Optional

Wi-Fi

For comprehensive controls features, see controls page

CONSOLE MODELS

❄ **AF09AB1HRA** ❄ **AF12AB1HRA**

YR-HD

Floor airflow (heating)
Compact design
Evaporator self cleaning

| Air Filter | Evapprator self-cleaning | Auto mode | Blue fin | Soft mode | Power mode | Sleep mode | Carpet airflow | Auto restart | 24 hours timer |

Model/indoor unit			AF09AB1HRA	AF12AB1HRA
Capacity Electrical	Nominal Cooling	kW nominal (min-max)	2.5 (1.3-3.0)	3.5 (1.4-4.0)
	Nominal Heating	kW nominal (min-max)	2.8 (1.4-3.2)	3.80 (1.4-4.1)
Electrical	Power supply	Ph/V/Hz	1/230/50	1/230/50
Performance	Air flow(H)	m3/h	450	500
		l/s	125	135
	Sound power level cooling (Hi)	dB(A)	53	54
	Sound pressure level cooling (Hi/Mid/Lo/So)	dB(A)	39/35/30/26	40/36/32/28
Installation	External dimensions(W/D/H)	mm	720x253x640	
	Shipping dimensions(W/D/H)	mm	784x305x719	
	Net/Shipping weight	kg	17/19.5	17.5/20
	Refrigerant liquid pipe	mm	6.35	
	Refrigerant gas pipe	mm	9.52	
	Controller	Standard	YR-HD	
		Wi-Fi	/	

Controls

Standard

YR-HD

For comprehensive controls features, see controls page
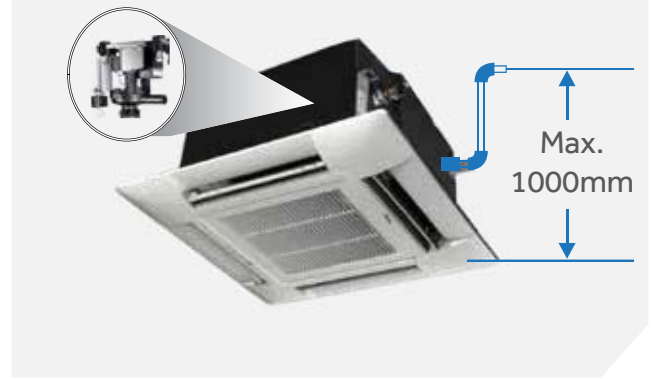
CASSETTE RANGE

Design Flexibility

Compact Size

The model AB09 AB12 & AB18 dimension is 570 x 570mm for easy installation into a 600mm ceiling grid
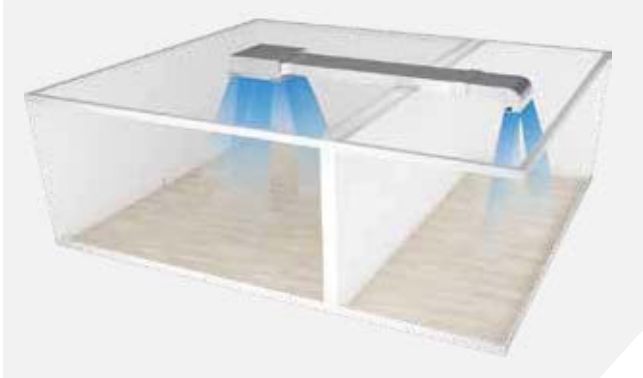

Built-in high head drain pump

Condensed water lift up to 750mm, which will allow for a flexible installation

Max. 1000mm

Branch Air Outlet

It is possible to use one or two branch outlets for further air distribution (optional)

Quiet Operation

The fan blade adopts the design of an irregular helix, to strive for the lowest sound level.
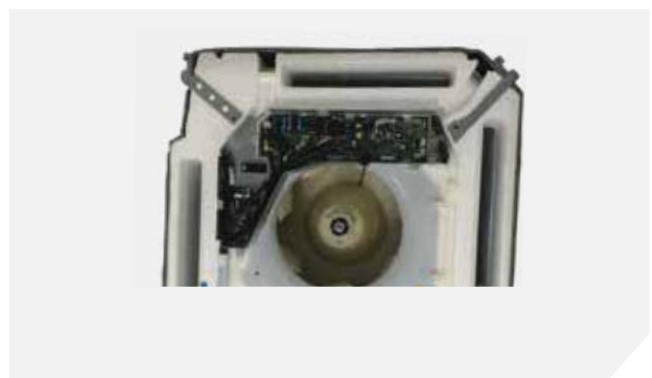

Diffuser

3-dimensional blade

Fresh Air Inlet

Pre-set fresh air inlet can introduce the outside fresh air into the room, to greatly improve the indoor air quality.

Easy Access to Electrical Box

The electrical box is located inside the unit, alleviating the requirement for a ceiling access panel to be fitted.

CASSETTE MODELS

❄ AB09CS2ERA ❄ AB12CS2ERA(S) ❄ AB18CS2ERA(S)   ❄ AB24ES1ERA(S)

YR-E17

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

Air outlet connection
Pre-set fresh air inlet
Built-in high head drain pump

| DC motor | WiFi Wi-Fi Control Compatible | Sleep mode | Group control | Central control | BMS | On-Off card | Fresh Air Connection | Premium filter | Evaprator self-cleaning | Soft mode | 4-way airflow | Auto mode |

| AUTO Auto-swing | DRY DRY function | 24 hours timer | Auto restart | Child lock | 4 fan settings | Drain water pump | Compact design | Self-diagnosis function |

Model/indoor unit			AB09CS2ERA	AB12CS2ERA(S)	AB18CS2ERA(S)	AB24ES1ERA(S)
Capacity Electrical	Nominal Cooling	kW nominal (min-max)	2.6	3.50 (0.9-4.5)	5 (1.8-5.8)	7.1 (2-7.3)
	Nominal Heating	kW nominal (min-max)	2.9	3.7 (1-4.8)	5.2 (2-6.5)	7.1 (2.5-8)
	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	700/620/520/450/350	700/620/520/450/350	780/700/620/500/400	1300/1100/870
		l/s	194/172/144/125/97	194/172/144/125/97	216/194/172/138/111	361/305/241
	Sound power level(H/M/L)	dB(A)	52	52	57	59/57/52
	Sound pressure level(H/M/L)	dB(A)	42/40/36/32/28	42/40/36/32/28	44/42/37/35/31	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-E17	YR-E17	YR-E17	YR-E17
	Controller Optional		YR-E16a / YR-HD			
	Controller Wi-Fi		KZW-W001			KZW-W001 & YCJ-A002
Panel	Model		PB-700IB			PB-950JB
	External dimensions(W/D/H)	mm	700/700/60			950/950/60
	Shipping dimensions(W/D/H)	mm	740/750/115			985/985/115
	Net/Shipping weight	kg	2.8/4.8			6.0/7.5

Controls

Standard

YR-E17

Optional

YR-HD

YR-E16a

WI-Fi
AB24ES1ERA(S) requires YCJ-A002 for Wi-Fi connection

For comprehensive controls features, see controls page

DUCTED RANGE

Design Flexibility

Slim Low Static Duct

The height of the slim low static duct is 185mm only, which is better than industry allowing for the slimmest ceiling cavity.
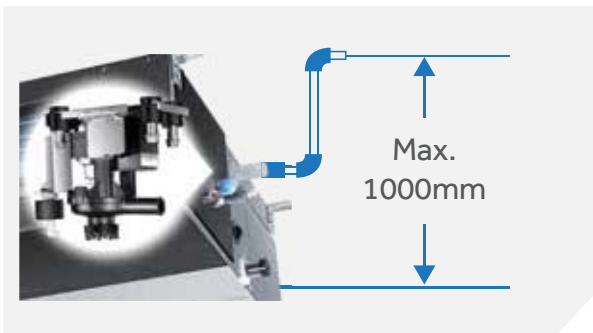
420mm
185mm

Medium Static Duct

The height of the medium static ducted indoor unit is 250mm only, for installation flexibility.

720mm
250mm

Built-in high head drain pump

Condensed water lift up to 750mm, which will allow for a flexible installation

Max. 1000mm

Left or Right Drain Outlet

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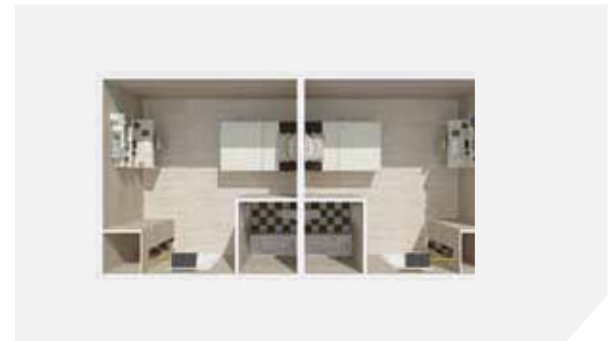
DC Fan Motor

Haier adopts latest DC technology. As a general rule a DC motor uses less energy when compared to AC motor. An added benefit is easy setting of the static pressure via the remote controller.

Torque(kgfcm)
100
80 25%
60 35%
40 40%
20
0   20 400 600 800 1000
Rev(r/min)
AC Motor Efficiency

Torque(kgfcm)
100
80 85%
60 87.5%
40 90%
20
0   200 400 600 800 1000
Rev(r/min)
DC Motor Efficiency
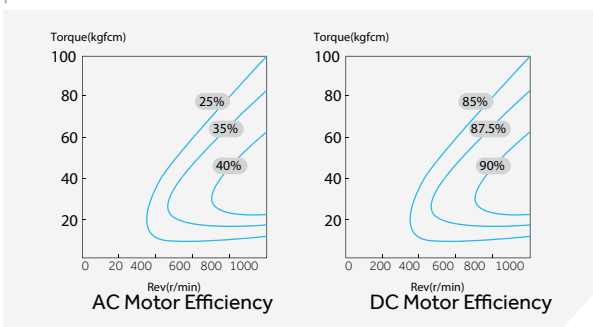
Return air choices

Friendly design: Rear air or bottom air return is available by removing a few screws and relocating the panel.

Rear air return
Bottom Return air

SLIM LOW STATIC DUCT

❄ AD09SS1ERA(N)(P) ❄ AD12SS1ERA(N)(P) ❄ AD18SS1ERA(N)(P) ❄ AD24SS1ERA(N)(P)

YR-E17

Shown fitted with new optional 3D air flow air panel

- DC fan motor
- Super slim design, only 185mm
- Built-in high head drain pump
- Rear or bottom air return

DC motor | Adjustable E.S.P | Two Way Drain Connection | Compact design | Group control | Central control | BMS | On-Off card | Self-diagnosis function | Evaporator self-cleaning | DRY function | AUTO Auto-swing | Drain water pump | WiFi Wi-Fi Control Compatible

Auto mode | Sleep mode | Child lock | 24 hours timer | Auto restart | 50 or 60 Hz Widely electricity Hz

Model/indoor unit drain pump included			AD09SS1ERA(N)(P)	AD12SS1ERA(N)(P)	AD18SS1ERA(N)(P)	AD24SS1ERA(N)(P)
Capacity	Nominal Cooling	kW nominal (min-max)	2.7	3.50 (0.9~4.5)	5 (1.8~6)	7.1 (2~7.6)
	Nominal Heating	kW nominal (min-max)	2.8	4.00(1~4.8)	5.5(2~6.2)	7.1(3~8.3)
Electrical	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	530/460/390	600/480/420	900/750/600	1000/850/750
		l/s	147/127/108	166/133/116	250/208/166	277/236/208
	External static pressure	Pa	0/10/20/30			
	Sound power level (H/M/L)	dB(A)	50	52	55	59
	Sound pressure level (H/M/L)	dB(A)	33/29/21	35/30/22	36/30/26	39/32/29
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	1025/525/260	1025/525/260	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	Standard	YR-E17			
		Optional	YR-E16a / YR-HD & RE02			
		Wi-Fi	KZW-W001			
Panel (optional)	Panel Model		P1B-890IA		P1B-1210IA	
	External dimensions(W/D/H)	mm	890/190/100 (outlet panel) 890/290.5/32.4 (inlet panel)		1210/190/100 (outlet panel) 1210/290.5/32.4 (inlet panel)	
	Shipping dimensions(W/D/H)	mm	938/335/220		1258/335/220	
	Net/Shipping weight	kg	4/5		5/6	

Controls

Standard

YR-E17

Optional

YR-HD +

YR-E16a

Wi-Fi

For comprehensive controls features, see controls page

MEDIUM STATIC DUCT

AD12MS1ERA

AD18MS1ERA **AD24MS2ERA**

YR-E17

DC fan motor
Ultra slim design, only 250mm
Built-in high head drain pump
Adjust Static 10~70 Pa by wired controller
Rear or bottom air return

| DC motor | Adjustable E.S.P | Two Way Drain Connection | Compact design | Group control | Central control | BMS | On-Off card | Self-diagnosis function | Evaporator self-cleaning | DRY function | AUTO Auto-swing | Drain water pump | Wi-Fi Control Compatible |

| Auto mode | Sleep mode | Child lock | 24 hours timer | Auto restart | 50 or 60 Hz Widely electricity Hz |

Model/ Indoor unit drain pump included			AD12MS1ERA	AD18MS1ERA	AD24MS2ERA
Capacity	Nominal Cooling	kW nominal (min-max)	3.50 (0.9-4.5)	5.0 (1.8-6)	7.1 (2.0-8.2)
	Nominal Heating	kW nominal (min-max)	4.0 (1-4.8)	5.5 (2-6.2)	7.5 (2.5-8.5)
Electrical	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	1050/1000/900
		L/s	150/125/110	255/205/160	290/275/250
	External static pressure	Pa	10/30(default)/50/70	10/30(default)/50/70	10/30(default)/50/70
	Sound power level (H/M/L)	dB(A)	46	48	58
	Sound pressure level (H/M/L)	dB(A)	36/33/29	36/33/29	42/38/35
Installation	External dimensions (W/D/H)	mm	750/720/250	1050/720/250	1050/720/250
	Shipping dimensions (W/D/H)	mm	920/820/340	1170/860/340	1170/860/340
	Net/Shipping weight	kg	22/24	28/30	30/32
	Refrigerant liquid pipe	mm	6.35	6.35	9.52
	Refrigerant gas pipe	mm	9.52	12.7	15.88
	Controller	Standard	YR-E17		
		Optional	YR-E16a / YR-HD & RE02		
	Wi-Fi		KZW-W001		

Controls

Standard

Optional

YR-E17

YR-HD +

YR-E16a

Wi-Fi

For comprehensive controls features, see controls page

- 16 -

MATCHING GUIDE

A connection guide of permitted indoor unit's associated with each multi outdoor unit

3U19FS1ERA

Comb.	Unit A	Unit B	Unit C
(1x1)	7	—	—
	9	—	—
	12	—	—
	15	—	—
	18	—	—
	24	—	—
(1x2)	7	7	—
	7	9	—
	7	12	—
	7	15	—
	7	18	—
	9	9	—
	9	12	—
	9	15	—
	9	18	—
	12	12	—
	12	15	—
	12	18	—
(1x3)	7	7	7
	7	7	9
	7	7	12
	7	7	15
	7	7	18
	7	9	9
	7	9	12
	7	12	12
	9	9	9
	9	9	12
	9	12	12

3U24GS1ERA

Comb.	Unit A	Unit B	Unit C
(1x1)	7	—	—
	9	—	—
	12	—	—
	15	—	—
	18	—	—
	24	—	—
(1x2)	7	7	—
	7	9	—
	7	12	—
	7	15	—
	7	18	—
	9	9	—
	9	12	—
	9	15	—
	9	18	—
	12	12	—
	12	15	—
	12	18	—
(1x3)	7	7	7
	7	7	9
	7	7	12
	7	7	15
	7	7	18
	7	9	9
	7	9	12
	7	12	12
	9	9	9
	9	9	12
	9	12	12
	9	12	15

4U30HS1ERA

Comb.	Unit A	Unit B	Unit C	Unit D
(1x1)	7	—	—	—
	9	—	—	—
	12	—	—	—
	15	—	—	—
	18	—	—	—
	24	—	—	—
(1x2)	7	24	—	—
	9	15	—	—
	9	18	—	—
	9	24	—	—
	12	15	—	—
	12	18	—	—
	12	24	—	—
	15	18	—	—
	18	18	—	—
	15	24	—	—
	18	24	—	—
	24	24	—	—
(1x3)	7	7	15	—
	7	7	18	—
	7	7	24	—
	7	9	12	—
	7	9	15	—
	7	9	18	—
	7	9	24	—
	7	12	12	—
	7	12	15	—
	7	12	18	—
	7	12	24	—
	9	9	9	—
	9	9	12	—
	9	9	15	
	9	9	18	—
	9	9	24	—
	9	12	12	—
	9	12	15	—
	9	12	18	—
	9	12	24	—
	12	12	12	—
	12	12	15	—
	12	12	18	—
	12	12	24	—
	12	15	18	—
	12	18	18	—
(1x4)	7	7	7	7
	7	7	7	9
	7	7	7	12
	7	7	7	15
	7	7	7	18
	7	7	7	24
	7	7	9	9
	7	7	9	12
	7	7	9	15
	7	7	9	18
	7	7	9	24
	7	7	12	12
	7	7	12	15
	7	7	12	18
	7	9	9	9
	7	9	9	12
	7	9	9	15
	7	9	9	18
	7	9	12	12
	7	12	12	12
	9	9	9	9
	9	9	9	12
	9	9	12	12
	9	9	12	15
	9	9	12	18
	9	12	12	12
	12	12	12	12
	12	12	12	15

5U34HS1ERA

Comb.	Unit A	Unit B	Unit C	Unit D	Unit E
(1x1)	7	—	—	—	—
	9	—	—	—	—
	12	—	—	—	—
	15	—	—	—	—
	18	—	—	—	—
	24	—	—	—	—
(1x2)	7	18	—	—	—
	7	24	—	—	—
	9	15	—	—	—
	9	18	—	—	—
	9	24	—	—	—
	12	15	—	—	—
	12	18	—	—	—
	12	24	—	—	—
	15	18	—	—	—
	18	18	—	—	—
	18	24	—	—	—
	24	24	—	—	—
(1x3)	7	7	12	—	—
	7	7	15	—	—
	7	7	18	—	—
	7	7	24	—	—
	7	9	9	—	—
	7	9	12	—	—
	7	9	15	—	—
	7	9	18	—	—
	7	9	24	—	—
	7	12	12	—	—
	7	12	15	—	—
	7	12	18	—	—
	7	12	24	—	—
	9	9	9	—	—
	9	9	12	—	—
	9	9	15	—	—
	9	9	18	—	—
	9	9	24	—	—
	9	12	12	—	—
	9	12	15	—	—
	9	12	18	—	—
	9	12	24	—	—
	12	12	12	—	—
	12	12	15	—	—
	12	12	18	—	—
	12	12	24	—	—
	12	18	15	—	—
	12	18	18	—	—
	15	18	18	—	—
	18	18	18	—	—
(1x4)	7	7	7	7	—
	7	7	7	9	—
	7	7	7	12	—
	7	7	7	15	—
	7	7	7	18	—
	7	7	7	24	—
	7	7	9	9	—
	7	7	9	12	—
	7	7	9	15	—
	7	7	9	18	—
	7	7	9	24	—
	7	7	12	12	—
	7	7	12	15	—
	7	7	12	18	—
	7	9	9	9	—
	7	9	9	12	—
	7	9	9	15	—
	7	9	9	18	—
	7	9	12	12	—
	7	12	12	12	—
	9	9	9	9	—
	9	9	9	12	—
	9	9	9	15	—
	9	9	9	18	—
	9	9	12	12	—
	9	12	12	12	—
	12	12	12	12	—
(1×5)	7	7	7	7	7
	7	7	7	7	9
	7	7	7	7	12
	7	7	7	9	9
	7	7	7	9	12
	7	7	7	12	12
	7	7	7	12	15
	7	7	9	9	9
	7	7	9	9	12
	7	9	9	9	9
	9	9	9	9	9
	9	9	9	9	12
	9	9	9	12	12

EXAMPLE

1 :3 CONNECTION
Outdoor Unit: 3U19FS1ERA
Indoor Unit1: AS07NS3HRA
Indoor Unit 2: AS09NS3HRA
Indoor Unit 3: AS12NS3HRA

1 :2 CONNECTION
Outdoor Unit: 3U24FS1ERA
Indoor Unit1: AS09NS3HRA
Indoor Unit 2: AD18MS1ERA

Match Guide: Connectible indoor units correspond to model number sizes based on BTU .
I.E. 9 = 2.5 KW and so on.

To be used as a guide, please contact our sales representative for connections outside this matching matrix.
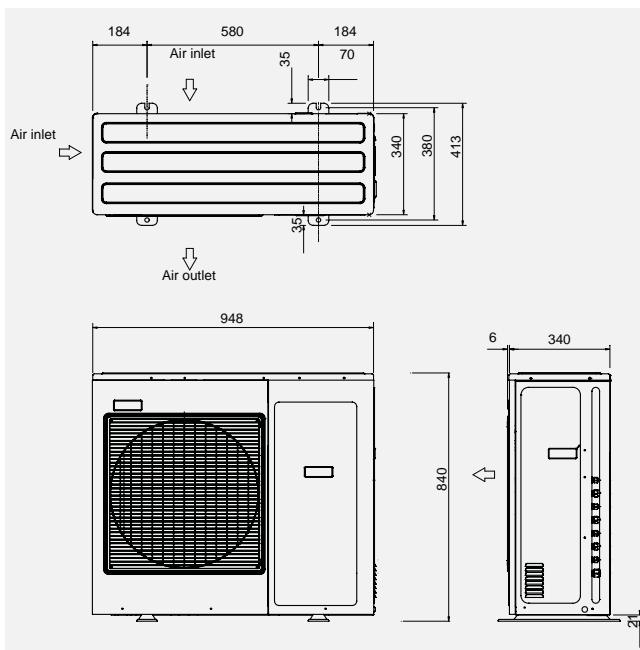
DRAWINGS

OUTDOOR UNITS

3U19FS2ERA
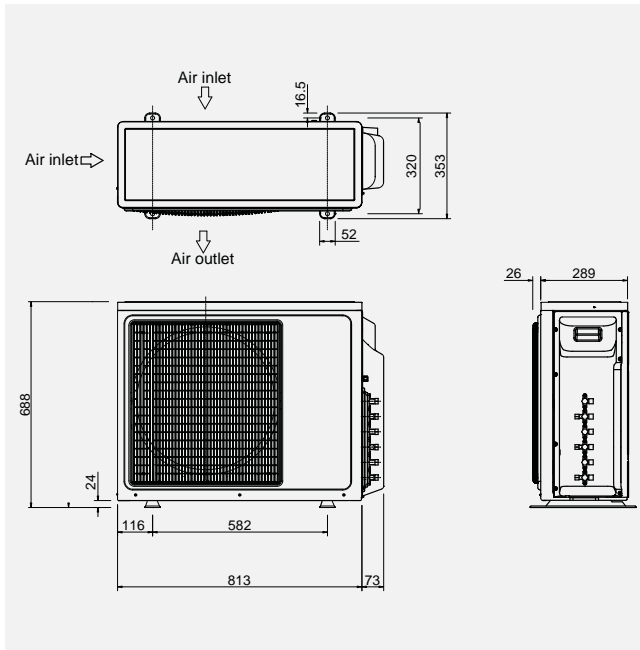
3U24GS2ERA
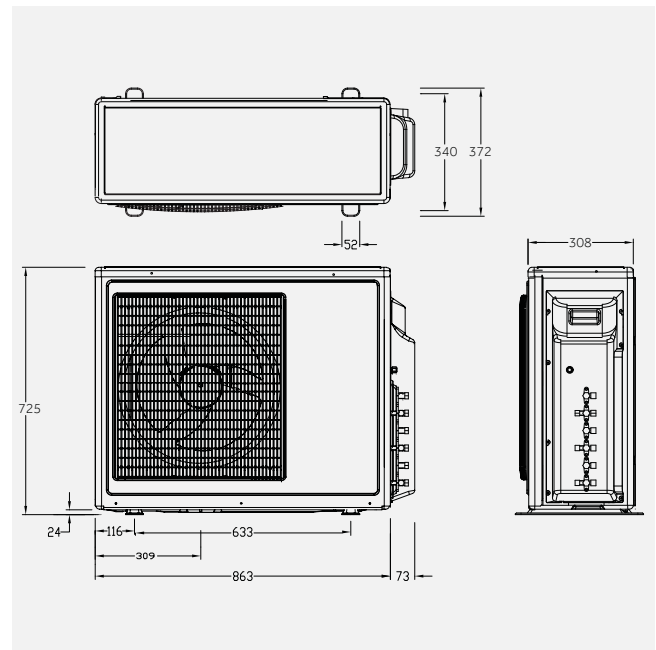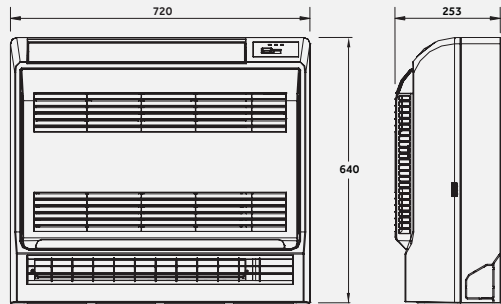

4U30HS2ERA

5U34HS2ERA
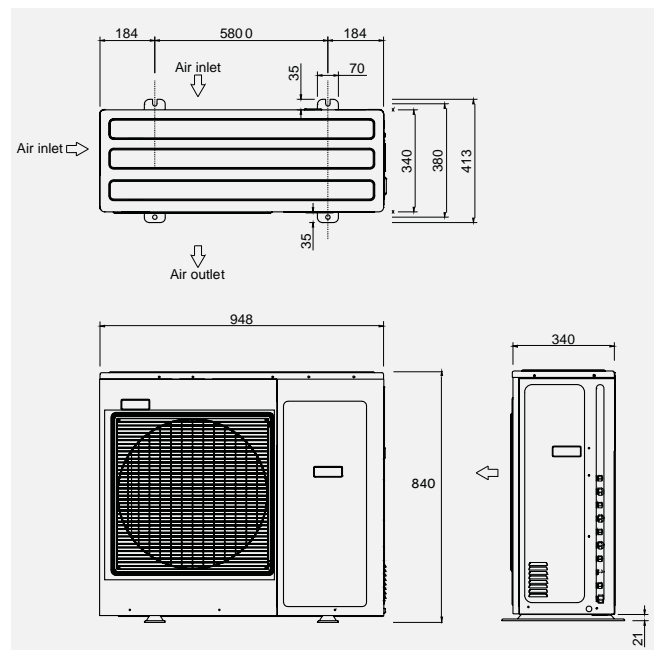
DRAWINGS

INDOOR UNITS

WALL MOUNTED

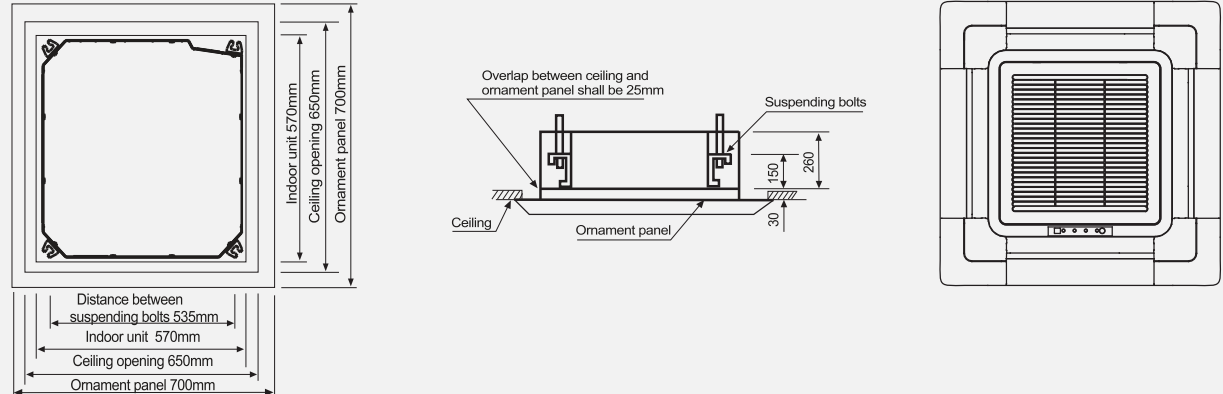| MODEL	(WxDxH)
AS07NS3HRA	855x204x280
AS09NS3HRA	
AS12NS3HRA	
AS15NS3HRA	900×210×310
AS18NS3HRA	997x235x322
AS24NS3HRA	1115x248x336

CONSOLE
AF09AB1HRA   AF12AB1HRA
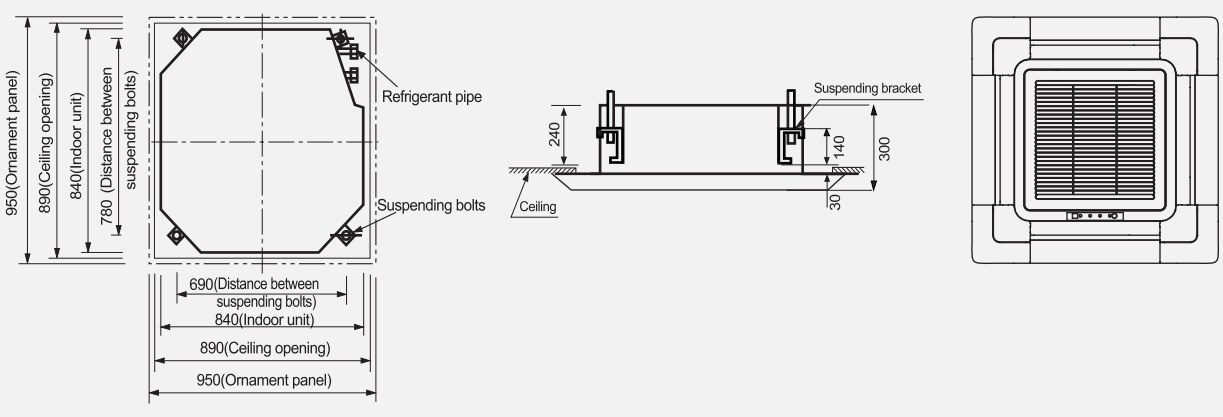
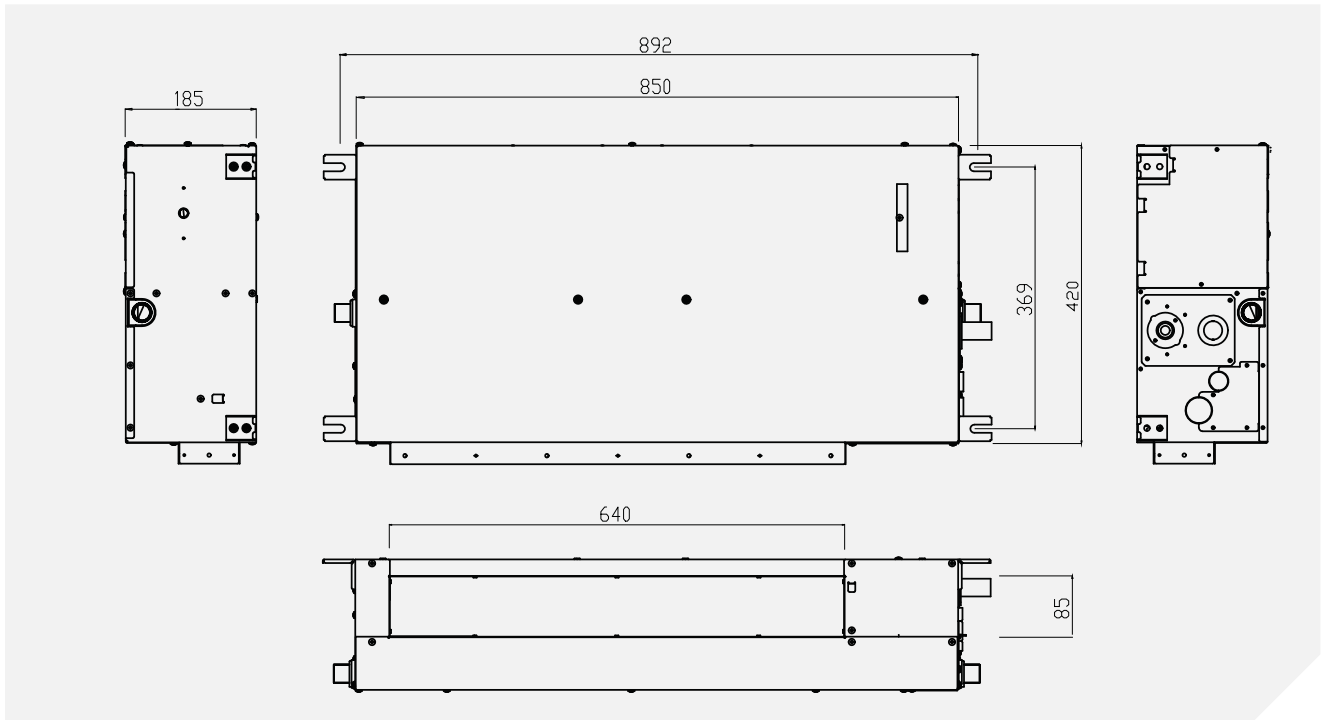

CASSETTE
AB09CS2ERA   AB12CS2ERA(S)   AB18CS2ERA(S)

AB24ES1ERA(S)

DRAWINGS

DUCTED LOW STATIC
AD09SS1ERA AD12SS1ERA

AD18SS1ERA AD24SS1ERA
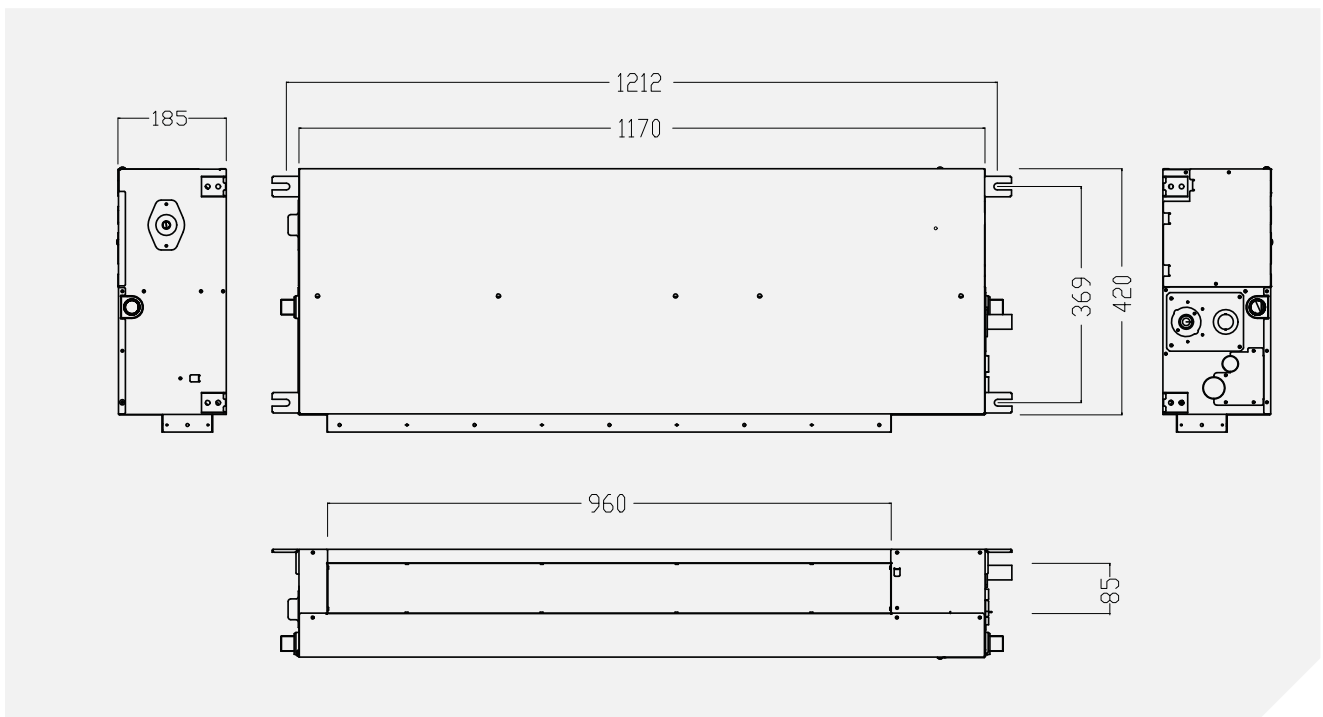
DRAWINGS

DUCTED MEDIUM STATIC
AD12MS1ERA

Note: The insulation is not included in the thickness data.

AD18MS1ERA AD24S1ERA
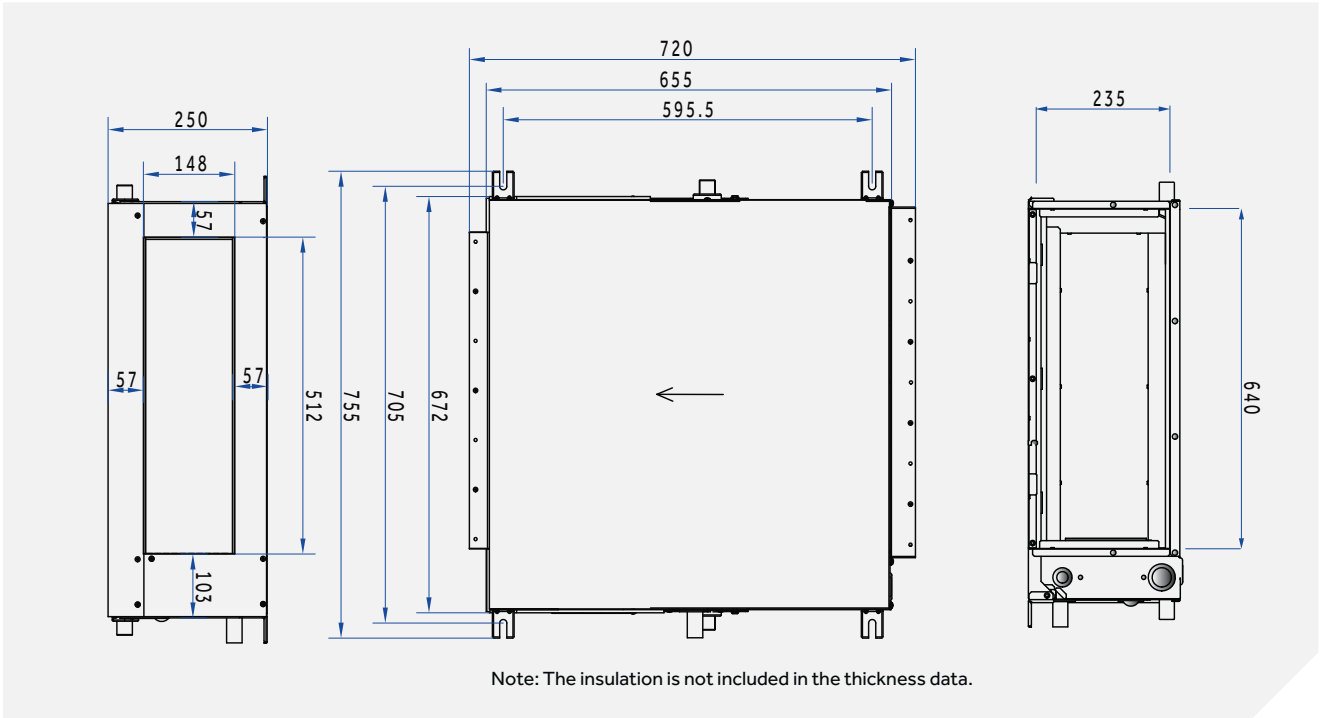
Note: The insulation isn't included in the thickness data.
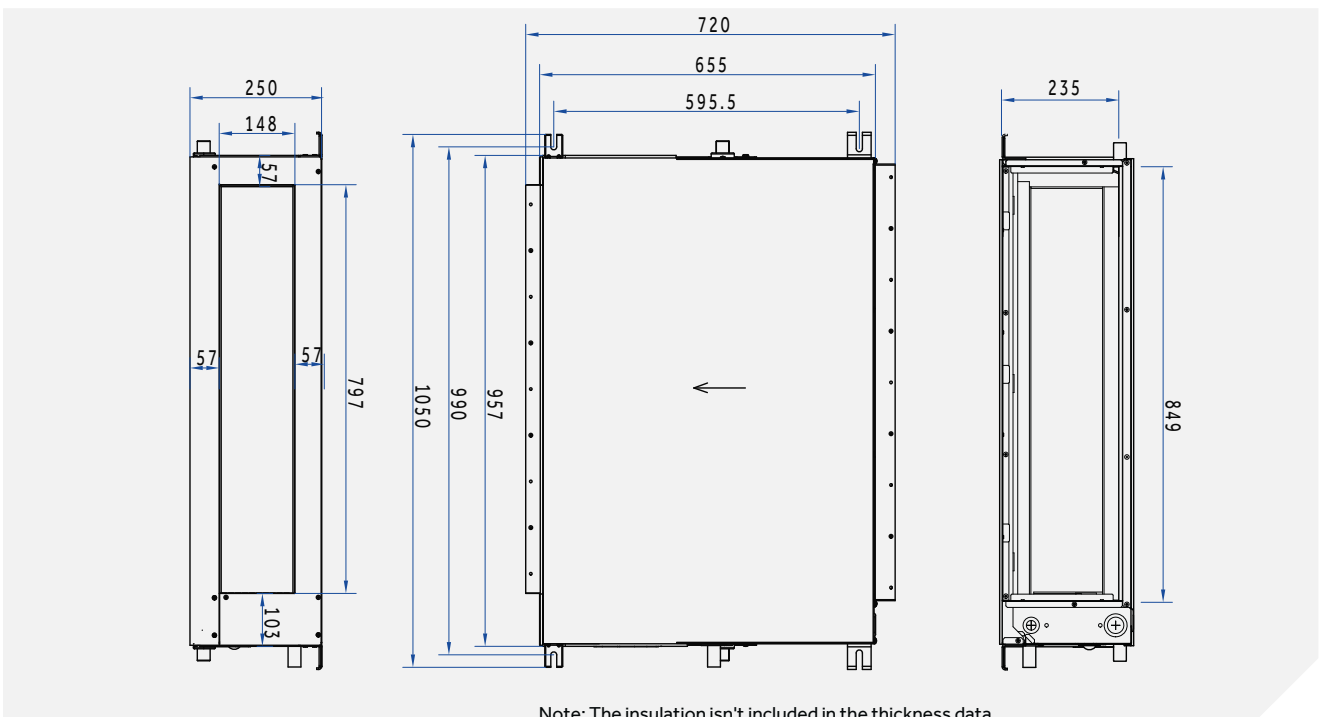
CONTROL SYSTEM

YR-HD

- On/Off, Mode, Fan speed, Temperature setting, Swing
- Individual control
- Timer
- Clock

(Part H0010401511)

YR-E17

- On/Off, Mode, Fan speed, Temperature setting, Swing.
- Individual & Group control (Max 16 indoor units)
- Small, Simple and Smart design, 86*86*13.05mm
- Touch screen with back light
- Timer - 24 hr.
- Individual blade control for Smart Power Cassette

YR-E16A

- Seven day time clock
- On/Off, Mode, Fan speed, Temperature setting, Swing
- Individual & Group control (Max 16 indoor units)
- Large touch buttons
- Fahrenheit/ Celsius selectable; Sensitivity ±0.5°C
- Individual blade control for Smart Power Cassette
- Error display in date sequence

KZW-W001

- Wi-Fi Control for Ducted or Cassette
- Unit control via Android or apple smart-phone device
- Weekly timer
- A YCJ-A002 is required for AB24ES1ERA(S) .

KZW-W002

- USB Wi-Fi Control (Hi-Wall unit).
- Easy to install via a USB connector.
- Unit control via Android or Apple smart-phone device

RE-02

- Infrared receiver control for ducted type indoor unit.
- Compatible with YR-HD

CENTRAL CONTROL SYSTEM

YCZ-G001

- Individual control, Group control and central control (Max 32 indoor units)
- Large touch key
- Weekly timer.
- Unit name and group name free setting. Four backgrounds available (mall, hotel, office, home)
- Error display

YCZ-A004

- Central control, Max 256 indoor units
- 7-inch TFT LCD touch screen with back light
- Schedule control
- Indoor units' information edit

YCJ-A002

- Change Super Match communication protocol to 485 communication protocol for central control ,
- For Wi-Fi control connection to some super match indoor units.
- Two indoor unit operation for comms room application.

24/7 CUSTOMER SUPPORT

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New Zealand 0800 424 372 | haier.co.nz

Haier
Air Conditioning

Version 3