Haier



Air CONDITIONING

2026 SOUTH AFRICA

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Haier Air Conditioning reserves the right to make changes without any notice.

HAIER GLOBAL POSITION

BRANDZ TOP 100
MOST VALUABLE GLOBAL BRANDS

Haier, the world' s only IoT Ecosystem Brand on the list for 6 consecutive years.

EUROMONITOR
INTERNATIONAL RANKING

Haier has been ranked No.1 Global Major Appliances Brand for 16 consecutive years. (2008-2024)

FORTUNE
MOST ADMIRED COMPANIES

Haier Smart Home was awarded the Fortune' s Most Admired Companies in the world and is the only appliance company of the industry to receive this award.

FORTUNE GLOBAL 500

In 2024, as a subsidiary of Haier group, Haier Smart Home was once again listed on the Fortune Global 500.

FORTUNE
MOST ADMIRED COMPANY

Haier was selected as Fortune The Most Admired Company in the World for 7 years.

FORTUNE ESG INFLUENCE LIST

Haier Smart Home was included in the Fortune China ESG Influence List.

HAIER BRAND STORY

The Internet era is a diverse and unconventional time, where one-size-fits-all products or solutions are simply not enough. Consumers 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 truly understand 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 and 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 AC R&D CENTER

51
Global Certifications

220+
Laboratories

20+
Labs for Specialized Test on Core Parts

R&D Labs


Comfort Test


Rainfall Test


Performance Test


Safety Test


Noise Test


EMC Test


Snow Test


Sunshine Test


Reliability Test


Humidity Test



Double 85 Test



Drop Test

Joint Laboratory

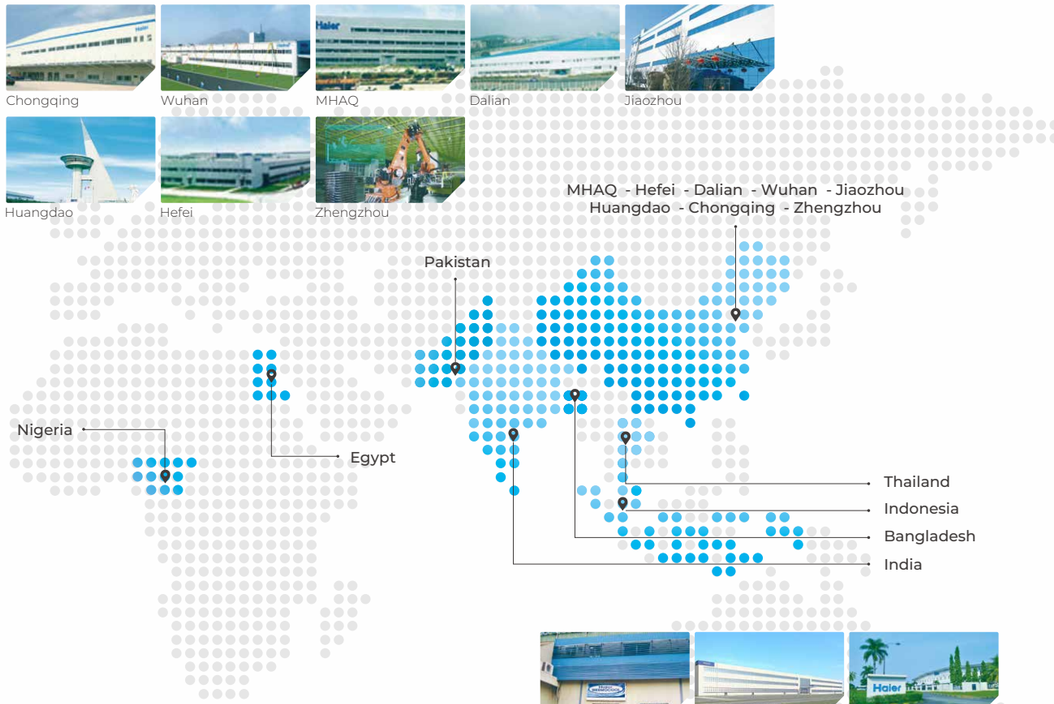


Haier & Mitsubishi



Haier & Highly

HAIER AC MANUFACTURING CAPACITY





Nigeria

Egypt

Indonesia



Pakistan

India

Bangladesh

Thailand

Aeropure Inverter

ECO Expert, Healthy Air



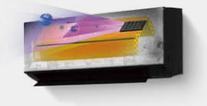
KEY FEATURES

- **UVC Plus** (Optional)
- **Self-Clean**
- **Free Match Indoor**
- **AI ECO**

ULTIMATE HEALTH

UVC Plus (Optional)

Haier UVC Plus effectively enhances air quality by generating hydroxyl radicals (·OH) and reactive oxygen species to oxidize and decompose harmful organic compounds, such as odors, and using UVC to sterilize indoor air near the air inlet.



Self Clean

Freezes the evaporator with moisture in the air, and removes away dirt in rapid melting, ensuring the air that comes out of air conditioners is always healthy for you.



ULTIMATE ECO

Free Match Indoor

Provides full residential and light commercial air solutions for apartments, villas, shops and offices, etc. The stock management is made easy, and it saves your costs in warehouse, spare parts, and logistics.



AI ECO

AI ECO ensures optimal energy-saving adjustments are quickly applied, regardless of seasonal changes or abnormal conditions.



Power Consumption Check

A calendar-style view that lets you track energy usage by day, week, or month. AI ECO allows you to see your savings, get real-time alerts when energy use goes abnormal.



ULTIMATE RELIABLE

Hyper PCB

Provides consistent, powerful cooling with optimized design to cope with voltage fluctuations and unexpected damages that may lead to malfunction of the air conditioner.



ULTIMATE SMART

WIFI

Imagine when you're hurrying back to your home in hot summer, or lying on the sofa at home but cannot find the remote controller. What you want is easily accessible control of your air conditioner at any time and from anywhere with the App on your phone or tablet.



Wired Control & Central Control

Allows both group and individual adjustments with wired and centralized control to effectively manage the air conditioner.



ULTIMATE FIT

Easy to Install

Save 50% of Installation Time.

Matters a lot to installer's working efficiency, and means more income to them during peak season as well. Haier air conditioner is truly easy to install with various optimized components.



Easy to Disassemble

Easy to Disassemble and Clean All Air Path Components.

Optimizes the structure of the indoor unit of air conditioner by simplifying the disassembly of core components including PCB, motor and fan, making the maintenance and cleaning easier than ever before.



Easy to Maintain

Save 50% of Maintenance Time.

Optimizes structure design, simplified disassembly and maintenance steps of PCB and motor.

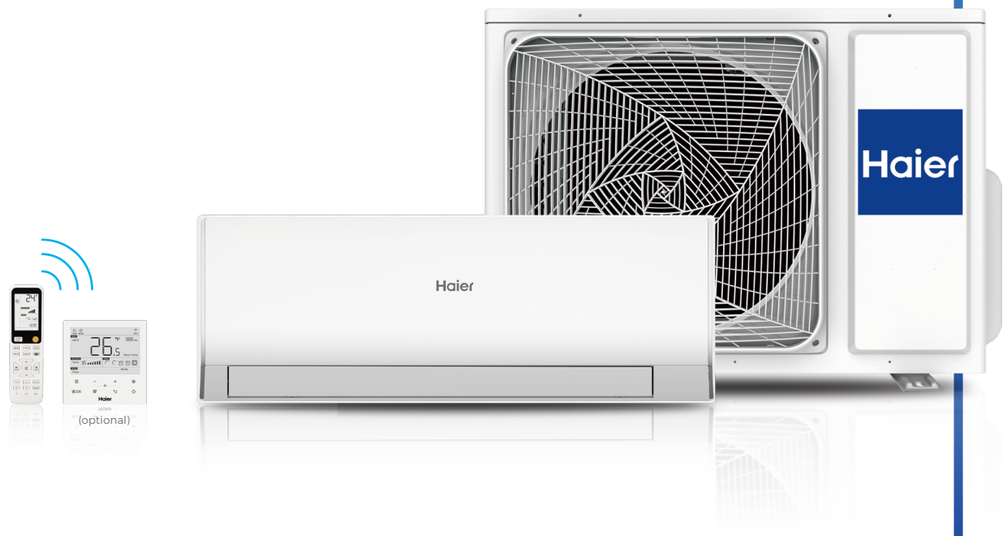


Aeropure Inverter

Model Name		Indoor model / Outdoor model	Set	ES09QF32I1(INV) / ES09QF32E1(INV)	ES12QF32I1(INV) / ES12QF32E1(INV)	ES18QF32I1(INV) / ES18QF32E1(INV)	ES24QF32I1(INV) / ES24QF32E1(INV)
Power supply			Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Label	Rated Cooling T1	Capacity	Btu/h	9214	12746	18769	23001
		Capacity	W	2700	3735	5500	6740
		Input	W	840	1165	1525	2065
		Rated current	A	3.65	5.07	6.63	8.98
		EER	Btu/h.W	10.97	10.94	12.32	11.12
		EER	W/W	3.21	3.21	3.61	3.26
		Energy Class	star	A	A	A++	A
	Rated Heating T1	Capacity	Btu/h	10835	14521	18769	24707
		Capacity	W	3175	4255	5500	7240
		Input	W	865	1126	1320	1867
		Rated current	A	3.76	4.90	5.74	8.12
		COP	Btu/h.W	12.53	12.90	14.20	13.24
		COP	W/W	3.67	3.78	4.16	3.88
		Energy Class	star	A++	A++	A++	A++
Max. input consumption			W	1200	1300/1600	2000	2750/2350
Max. current			A	5.3	5.6/7.3	9.1	12.1/10.7
Starting current			A	-	-	-	-
Operation Control				Remote	Remote	Remote	Remote
Indoor air flow(SH/Hi/Me/Lo/SQ)			m^3/h	520	650	730	1100
Indoor noise level (Hi/Me/Lo)			dB(A)	41/38/27	42/38/27	45/40/32.5	52/48/35
Indoor dimension		Unit (WxHxD)	mm	705*265*193	805*292*200	875*304*212	975*318*222
		Packing (WxHxD)	mm	772*263*325	876*272*365	945*296*390	1050*301*397
Indoor weight		Net	kg	6.7	8.1	10.0	11.6
		Gross	kg	8.5	10.2	12.0	14.4
		Indoor Recommended Stack Height		8	8	8	8
Outdoor noise level			dB(A)	51	51	55	55
Outdoor dimension		Unit (WxDxH)	mm	660*246*463	700*245*544	820*306*642	890*340*705
		Packing (WxDxH)	mm	767*335*516	845*330*610	940*390*697	1046*460*780
Outdoor weight		Net	kg	19.2	21.5	31.8	39.3
		Gross	kg	22.5	25.5	36.0	45.0
		Outdoor Recommended Stack Height		4	4	4	4
Refrigerant		Type		R32	R32	R32	R32
		Charge	g	460	510	830	900
Refrigerant pipe		Liquid side	mm	6.35	6.35	6.35	6.35
		Gas side	mm	9.52	9.52	12.7	12.7
		Design pressure(Mpa)	Mpa	4.3/4.3	4.3/4.3	4.3/4.3	4.3/4.3
		Max. refrigerant pipe length	m	15	20	25	25
		Max. difference in level	m	10	10	15	15
		Additional Refrigerant(>standard length)(g/m)	g/m	20	20	20	20
Power Supplied			/	outdoor	outdoor	outdoor	outdoor
Power Point type			/	No Plug	No Plug	No Plug	No Plug
Application area (Cooling standard)			m^2	13~19	16~25	24~35	32~47
Ambient temperature range			°C	Cool: -15-50°C Heat: -20-24°C	Cool: -15-50°C Heat: -20-24°C	Cool: -15-50°C Heat: -20-24°C	Cool: -15-50°C Heat: -20-24°C
QTY Per 40' HQ			Indoor	1100	812	666	560
QTY Per 40' HQ			Out door	525	380	222	222
QTY Per 40' HQ			Indoor+ Outdoor	350	272	198	173

AI ECO Inverter

ECO Expert, Healthy Air



KEY FEATURES

- AI ECO
- Free Match Indoor
- Hyper PCB
- **UVC Plus** (Optional)

ULTIMATE ECO

AI ECO

AI ECO ensures optimal energy-saving adjustments are quickly applied, regardless of seasonal changes or abnormal conditions.



Free Match Indoor

Provides full residential and light commercial air solutions for apartments, villas, shops and offices, etc. The stock management is made easy, and it saves your costs in warehouse, spare parts, and logistics.



Power Consumption Check

A calendar-style view that lets you track energy usage by day, week, or month. AI ECO allows you to see your savings, get real-time alerts when energy use goes abnormal.



ULTIMATE RELIABLE

Hyper PCB

Provides consistent, powerful cooling with optimized design to cope with voltage fluctuations and unexpected damages that may lead to malfunction of the air conditioner.



ULTIMATE HEALTH

UVC Plus (Optional)

Haier UVC Plus effectively enhances air quality by generating hydroxyl radicals (·OH) and reactive oxygen species to oxidize and decompose harmful organic compounds, such as odors, and using UVC to sterilize indoor air near the air inlet.



Self Clean

Freezes the evaporator with moisture in the air, and removes away dirt in rapid melting, ensuring the air that comes out of air conditioners is always healthy for you.



ULTIMATE SMART

WIFI

Imagine when you're hurrying back to your home in hot summer, or lying on the sofa at home but cannot find the remote controller. What you want is easily accessible control of your air conditioner at any time and from anywhere with the App on your phone or tablet.



Wired Control & Central Control

Allows both group and individual adjustments with wired and centralized control to effectively manage the air conditioner.



ULTIMATE FIT

Easy to Install

Save 50% of Installation Time.

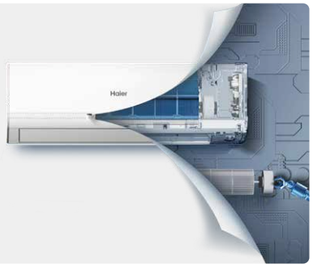
Matters a lot to installer's working efficiency, and means more income to them during peak season as well. Haier air conditioner is truly easy to install with various optimized components.



Easy to Disassemble

Easy to Disassemble and Clean All Air Path Components.

Optimizes the structure of the indoor unit of air conditioner by simplifying the disassembly of core components including PCB, motor and fan, making the maintenance and cleaning easier than ever before.



Easy to Maintain

Save 50% of Maintenance Time.

Optimizes structure design, simplified disassembly and maintenance steps of PCB and motor.

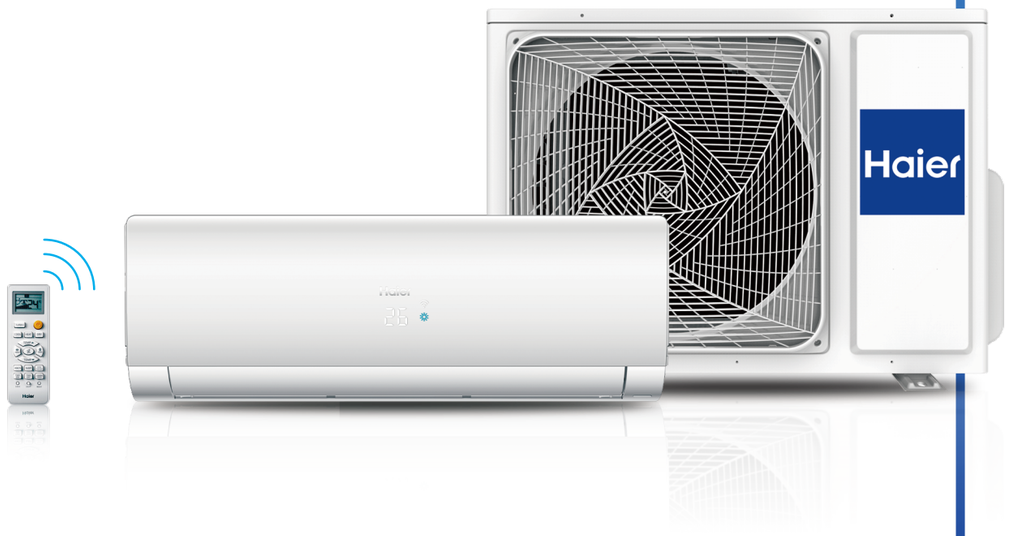


AI ECO Inverter

Model Name		Indoor model / Outdoor model	Set	ES09RE32I1(INV) / ES09RE32E1(INV)	ES12RE32I1(INV) / ES12RE32E1(INV)	ES18RE32I1(INV) / ES18RE32E1(INV)	ES24RE32I1(INV) / ES24RE32E1(INV)
Power supply			Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Label	Rated Cooling T1	Capacity	Btu/h	9214	12746	18769	23001
		Capacity	W	2700	3735	5500	6740
		Input	W	840	1165	1525	2065
		Rated current	A	3.65	5.07	6.63	8.98
		EER	Btu/h.W	10.97	10.94	12.32	11.12
		EER	W/W	3.21	3.21	3.61	3.26
		Energy Class	star	A	A	A++	A
	Rated Heating T1	Capacity	Btu/h	10835	14521	18769	24707
		Capacity	W	3175	4255	5500	7240
		Input	W	865	1126	1320	1867
		Rated current	A	3.76	4.90	5.74	8.12
		COP	Btu/h.W	12.53	12.90	14.20	13.24
		COP	W/W	3.67	3.78	4.16	3.88
		Energy Class	star	A++	A++	A++	A++
Max. input consumption			W	1200	1300/1600	2000	2750/2350
Max. current			A	5.3	5.6/7.3	9.1	12.1/10.7
Starting current			A	-	-	-	-
Operation Control				Remote	Remote	Remote	Remote
Indoor air flow(SH/Hi/Me/Lo/SQ)			m^3/h	520	650	730	1100
Indoor noise level (Hi/Me/Lo)			dB(A)	41/38/27	42/38/27	45/40/32.5	52/48/35
Indoor dimension		Unit (WxHxD)	mm	705*265*193	805*292*200	875*304*212	975*318*222
		Packing (WxHxD)	mm	772*263*325	876*272*365	945*296*390	1050*301*397
Indoor weight		Net	kg	6.7	8.1	10.0	11.6
		Gross	kg	8.5	10.2	12.0	14.4
		Indoor Recommended Stack Height		8	8	8	8
Outdoor noise level			dB(A)	51	51	55	55
Outdoor dimension		Unit (WxDxH)	mm	660*246*463	700*245*544	820*306*642	890*340*705
		Packing (WxDxH)	mm	767*335*516	845*330*610	940*390*697	1046*460*780
Outdoor weight		Net	kg	19.2	21.5	31.8	39.3
		Gross	kg	22.5	25.5	36.0	45.0
		Outdoor Recommended Stack Height		4	4	4	4
Refrigerant		Type		R32	R32	R32	R32
		Charge	g	460	510	830	900
Refrigerant pipe		Liquid side	mm	6.35	6.35	6.35	6.35
		Gas side	mm	9.52	9.52	12.7	12.7
		Design pressure(Mpa)	Mpa	4.3/4.3	4.3/4.3	4.3/4.3	4.3/4.3
		Max. refrigerant pipe length	m	15	20	25	25
		Max. difference in level	m	10	10	15	15
		Additional Refrigerant(>standard length)(g/m)	g/m	20	20	20	20
Power Supplied			/	outdoor	outdoor	outdoor	outdoor
Power Point type			/	No Plug	No Plug	No Plug	No Plug
Application area (Cooling standard)			m^2	13~19	16~25	24~35	32~47
Ambient temperature range			°C	Cool: -15-50°C Heat: -20-24°C	Cool: -15-50°C Heat: -20-24°C	Cool: -15-50°C Heat: -20-24°C	Cool: -15-50°C Heat: -20-24°C
QTY Per 40' HQ			Indoor	1100	812	666	560
QTY Per 40' HQ			Out door	525	380	222	222
QTY Per 40' HQ			Indoor+ Outdoor	350	272	198	173

Solar-ECO Inverter

ECO Expert, Healthy Air



KEY FEATURES

- 0 Bill
- Solar & Grid Auto Balance
- Wide Voltage
- Self-Clean

ULTIMATE ECO

DC Solar Power Direct Drive

Equipped with innovative design and solar power module, just plug in MC4, connector, the units can be driven by the DC solar power to run cooling mode. All-DC inverter solar drive design with MC4 connector allows easy connection to solar panels, No need to buy additional inverter and battery sets. DC direct drive, low energy loss. No need to switch between AC and DC.



Solar & Grid Auto Balance

It is equipped with an innovative solar power management module and an auto balance control system. When the AC is connected with both solar power and power grid, AC operates with solar power first. When solar power can not support AC, power grid automatically connect and support AC operation together with solar power. This technology can save electricity bill at the greatest extent and deliver constant cooling experience to users.



ULTIMATE RELIABLE

Wide Voltage

Inverter Plus adjusts DC voltage to achieve stable operation between 150V-264V with ideal voltage control. In remote areas, users can enjoy cool air despite power fluctuations.



ULTIMATE HEALTH

Self Clean

Freezes the evaporator with moisture in the air, and removes away dirt in rapid melting, ensuring the air that comes out of air conditioners is always healthy for you.



ULTIMATE SMART

WIFI

Imagine when you're hurrying back to your home in hot summer, or lying on the sofa at home but cannot find the remote controller. What you want is easily accessible control of your air conditioner at any time and from anywhere with the App on your phone or tablet.



ULTIMATE FIT

Easy to Install

Save 50% of Installation Time.

Matters a lot to installer's working efficiency, and means more income to them during peak season as well. Haier air conditioner is truly easy to install with various optimized components.



Easy to Disassemble

Easy to Disassemble and Wash All Parts of the Air Way.

Optimizes the structure of the indoor unit of air conditioner by simplifying the disassembly of core components including PCB, motor and fan, making the maintenance and cleaning easier than ever before.



Easy to Maintain

Save 50% of Maintenance Time.

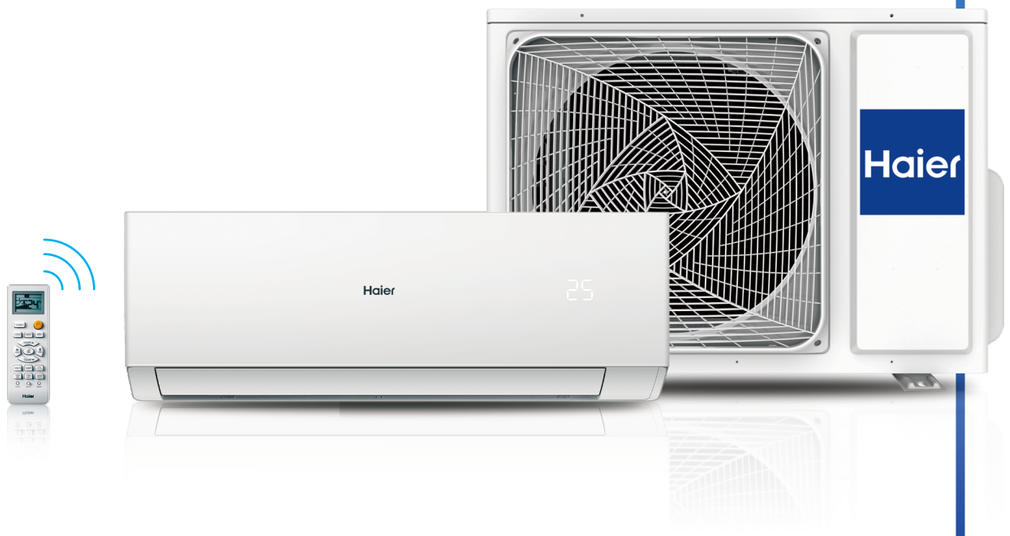
Optimizes structure design, simplified disassembly and maintenance steps of PCB and motor.



Solar-ECO Inverter			
Model Name		Indoor model	GS18FB32II(INV)
		Outdoor model	GS18FB32EI(INV)
Cooling			
Capacity	Nominal	Btu/h	18200.00
	Nominal	kW	5.35
Energy Efficiency	EER		3.60
Energy Class			A+
Power Input	Nominal	kW	1.49
Running Current		A	6.59
Annual Energy Consumption		kWh/a	0.7425
Operating Limits	Min-Max	℃	18-46℃(out)
Heating			
Capacity	Nominal	Btu/h	19100.00
Capacity	Nominal	kW	5.60
Energy Efficiency	COP		3.90
Energy Class			A
Power Input	Nominal	kW	1.44
Running Current		A	6.36
Annual Energy Consumption		kWh/a	0.7175
Operating Limits		℃	-7-24℃(out)
Power Supply	Ph/V/Hz		AC230V/50HZ；DC80-380V
	Position		outdoor
Indoor			
Net Dimension	W/D/H	mm	999*223*327
Package Dimension	W/D/H	mm	1100*420*313
Net/Shipping Weight		kg	12.5/15
Air Flow (Cooling/Heating)	Max	m^3/h	900
Sound Pressure Level	Hi/Mid/Lo/So	dB(A)	47/43/39/35
Moisture Removal		10-$3m^3/h$	2.00
Outdoor			
Net Dimension	W/D/H	mm	820*306*642
Package Dimension	W/D/H	mm	940*390*697
Net/Shipping Weight		kg	37/43
Sound Pressure Level	Hi	dB(A)	58.00
Refrigerant Type	R410a/R32		R32
Refrigerant Charge	R410a/R32	g	1050
Refrigerant Pipe	Liquid Side Diameter	mm	6
	Gas Side Diameter	mm	12
	Max Pipe Length/Height	m	15/10

Turbo Cooling

ECO Expert, Healthy Air



KEY FEATURES

- Fast Cooling
- Anti-Corrosion
- Easy to Maintain
- WiFi Ready

ULTIMATE COOL

Turbo Cooling

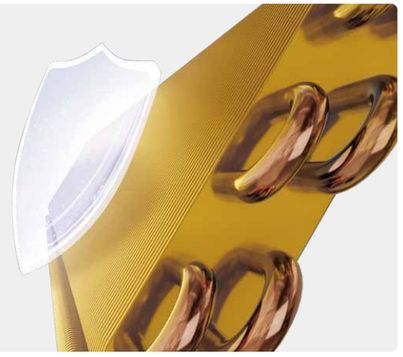
Enables the motor to run at higher frequency when "Turbo" mode is turned on, allowing you to enjoy cool air at every corner of the room within the shortest time.



ULTIMATE RELIABLE

Anti-Corrosion

Evaporator and condenser are important parts of an air conditioner. To protect them, Haier galvanizes the fins with a special golden coating and wraps the U-bends at both ends of the evaporator with a layer of blue glaze. They can protects air conditioner from the damage caused by harsh environment, like condensate water, damp, salt, chemicals and acid situations, to enhance the reliability and air conditioning performance.



ULTIMATE SMART

WIFI Ready

Imagine when you're hurrying back to your home in hot summer, or lying on the sofa at home but cannot find the remote controller. What you want is easily accessible control of your air conditioner at any time and from anywhere with the App on your phone or tablet.



ULTIMATE FIT

Easy to Install

Save 50% of Installation Time.

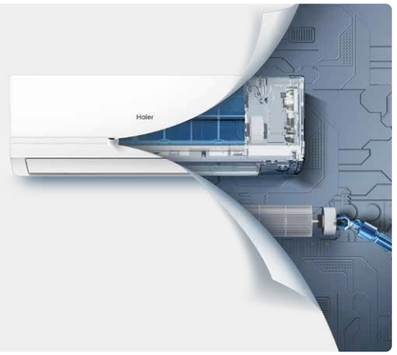
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Easy to Disassemble

Easy to Disassemble and Clean All Air Path Components.

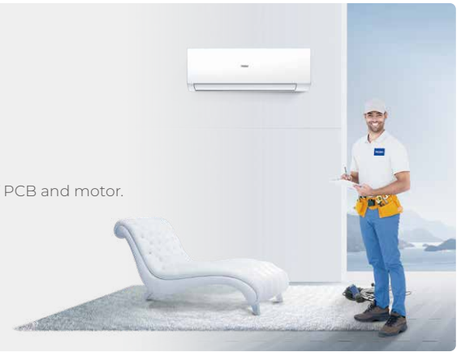
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Easy to Maintain

Save 50% of Maintenance Time.

Optimizes structure design, simplified disassembly and maintenance steps of PCB and motor.



Turbo Cooling							
Model Name		Indoor model	Set	TS09QA32I1	TS12QA32I1	TS18QA32I1	TS24QA32I1
		Outdoor model		TS09QA32E1	TS12QA32E1	TS18QA32E1	TS24QA32E1
Power supply			Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Label	Rated Cooling T1	Capacity	Btu/h	8429	12115	18769	21841
		Capacity	W	2470	3550	5500	6400
		Input	W	820	1180	1713	2125
		Rated current	A	3.56	5.13	7.45	9.24
		EER	Btu/h.W	10.28	10.26	10.96	10.28
		EER	W/W	3.01	3.01	3.21	3.01
		Energy Class	star	B	B	A	B
	Rated Heating T1	Capacity	Btu/h	8805	12285	19554	23206
			W	2580	3600	5730	6800
		Input	W	737	1040	1550	2060
		Rated current	A	3.20	4.52	6.74	8.96
		COP	Btu/h.W	11.95	11.81	12.62	11.26
		COP	W/W	3.50	3.46	3.70	3.30
		Energy Class		A+	A+	A++	A
Max. input consumption			W	1100/1000	1756/1370	2150	2750/2350
Max. current			A	4.8/4.3	7.6/5.9	9.5	12.1/10.7
Starting current			A	-	-	-	-
Operation Control				Remote	Remote	Remote	Remote
Indoor air flow(SH/Hi/Me/Lo/SQ)			m^3/h	450	600	900	1000
Indoor noise level (Hi/Me/Lo)			dB(A)	34/31/28	38/35/32	44/41/37	47/45/41
Indoor dimension		Unit (WxHxD)	mm	705*265*191	805*292*200	975*318*220	975*318*220
		Packing (WxHxD)	mm	772*263*325	876*272*365	1050*301*397	1050*301*397
Indoor weight		Net	kg	7.3	9.2	11.6	12.4
		Gross	kg	9.0	11.5	14.4	15.0
		Indoor Recommended Stack Height		8	8	8	8
Outdoor noise level			dB(A)	48	49	50	54
Outdoor dimension		Unit (WxDxH)	mm	660*245*463	700*245*544	800*280*553	820*306*642
		Packing (WxDxH)	mm	767*335*516	845*330*610	908*405*627	940*390*697
Outdoor weight		Net	kg	23.7	26.6	35.5	44.6
		Gross	kg	27.0	30.0	40.0	51.0
		Outdoor Recommended Stack Height		4	4	4	4
Refrigerant		Type		R32	R32	R32	R32
		Charge	g	500	580	1030	1050
Refrigerant pipe		Liquid side	mm	9.52	9.52	12.7	15.88
		Gas side	mm	6.35	6.35	6.35	6.35
		Design pressure(Mpa)	Mpa	4.3/4.3	4.3/4.3	4.3/4.3	4.3/4.3
		Max. refrigerant pipe length	m	20	20	25	25
		Max. difference in level	m	10	10	15	15
		Additional Refrigerant(>standard length)(g/m)	g/m	20	20	20	20
		Power Supplied		Indoor supply	Indoor supply	Indoor supply	Indoor supply
Ambient temperature range			°C	Cool: 18-35°C/18-43°C Heat: 15-27°C/-7-24°C	Cool: 18-35°C/18-43°C Heat: 15-27°C/-7-24°C	Cool: 18-35°C/18-43°C Heat: 15-27°C/-7-24°C	Cool: 18-35°C/18-43°C Heat: 15-27°C/-7-24°C

Multi ODU

ECO Expert, Healthy Air



KEY FEATURES

- Industry Leading Energy Efficiency
- Standby Power Improvement
- Powerful Multi Function Service PCB
- Refrigerant Flow Self-Adaption

Free Match

One Designed for All

Provides full residential and light commercial air solutions for apartments, villas, shops and offices, etc. The stock management is made easy, and it saves your costs in warehouse, spare parts, and logistics.



Technology



Universal outdoor unit for high-wall, console, cassette, convertible, duct.



Universal indoor unit for single- or multi-split outdoor unit.

Benefit

Independent Control

Free Match offers easy and smart control of the air conditioning in your house. You can control the temperature of all your rooms independently.

Space-Saving Installation

With our Free Match solution, multiple indoor units can be connected to only one outdoor unit, instead of spending extra money on additional outdoor units.

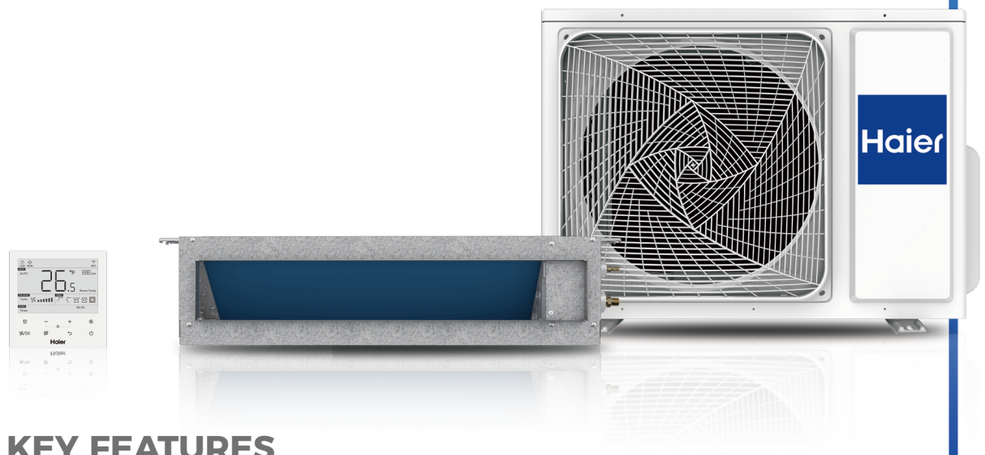


Multi ODU						
Model/outdoor unit				2H50MEAFRA	3H60WEAFRA	4H80WEAFRA
Indoor unit combinations (Maximum)				ES12**32I*(INV)&ES18**32I*(INV)	ES12**32I*(INV)(2)&ES18**32I*(INV)	ES09**32I*(INV)(2)& ES12**32I*(INV)&ES24**32I*(INV)
Maximum connected quantity of indoor units				2	3	4
Nominal performance data	Capacity	Cooling	Btu/h (nor)	17060	20470	27300
			kW min/norm/max	1.8/5.0/5.5	6.0(2.0~7.5)	8.0(2.65-10.0)
		Heating	Btu/h (norm)	19100	23205	32760
			kW min/norm/max	1.5/5.6/6.3	6.8(1.7~8.0)	9.6(2.4-11.0)
	Rated power input	Cooling	kW min/norm/max	0.15/1.25/2.05	1.5(0.3~2.7)	2.0(0.8-3.5)
		Heating	kW min/norm/max	0.38/1.40/2.24	1.66(0.5~1.85)	2.49(1.0-3.5)
	EER/COP			4.0/4.0	4/4.1	4/3.8
Seasonal performance data	Cooling P design (35°C)		kW	5	6	8
	Heating P design (-10°C)		kW	4.2	5	6.3
	SEER/SCOP			8.5/4.6	8.5/4.6	8.5/4
	Energy class (Cooling/Heating)			A+++/A++	A+++/A++	A+++/A+
	Annual energy consumption (Cooling)		kW	206	247	329
	Annual energy consumption (Heating)		kW	1278	1522	2205
Outdoor unit						
Electrical Parameters	Power supply		Ph/V/Hz	1/220-240/50	1Ph/220-240V/50Hz	1Ph/220-240V/50Hz
Performance	Air flow (H/M/L)		m3/h	2200	2200	2200
	Sound power level (H/M/L)		dB(A)	63	65	70
	Sound pressure level (H/M/L)		dB(A)	53	55	60
Installation	External dimensions (W/D/H)		mm	800*280*553	890*340*705	890*340*705
	Shipping dimensions (W/D/H)		mm	927*398*607	1073*460*780	1073*460*780
	Net/Shipping weight		kg	35.0/38.0	43/46	52/56
	Compressor type			Twin Rotary	Twin Rotary	Twin Rotary
	Refrigerant type			R32	R32	R32
	GWP			675	675	675
	Refrigerant liquid pipe		mm	2x6.35	2x6.35	2x6.35
	Refrigerant gas pipe		mm	2x9.52	2x9.52	2x9.52
	Total pipe length (Max)		m	50	50	70
	Single pipe length (Max)		m	30	30	30
	Max drop between I.U.&O.U		m	15	15	15
	Max drop between I.U.&I.U		m	15	15	15
	Refrigerant load in factory		kg	1.05	1.2	1.8
	Maximum pipe length without charge refrigerant		m	20	30	40
	Refrigerant charge quantity for extra length		g/m	15	15	15
Working temp.	Cooling (Min-Max)		°C	-20~50	-20~50	-20~50
	Heating (Min-Max)		°C	-25~24	-20~24	-20~24

*The indoor unit combination schemes listed in the above table are all aimed at maximizing performance. For information on other solutions, please consult the dealer or call the after-sales service hotline.

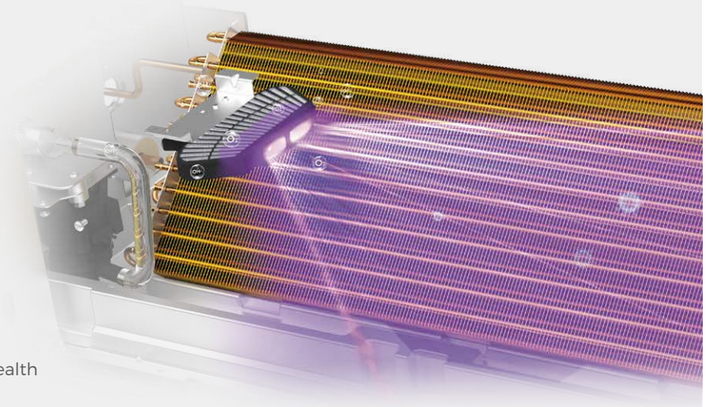
LSP Duct

ECO Expert, Healthy Air



KEY FEATURES

- UVC Plus
- Self-Clean
- Whispering Air
- 3 Step ECO
- Easy to Clean
- Outdoor fan reverse cleaning



UVC Plus Sterilization

More than One Tech, For Your Optimal Health

Technology

Dual-wavelength UV Technology

UVA (370nm) excitation photocatalyst
UVC (275nm) sterilization

Oxidizing Groups Sterilization and Deodorization

The hydroxyl groups and reactive oxygen species produced by excited photocatalysts have strong oxidizing properties and can decompose space pollutants.

Catalyst High Temperature Sintering Technology

Titanium dioxide catalyst high temperature sintering technology can maintain the photocatalyst permanent adsorption, with an indefinite lifespan.

Ore Structure Photocatalyst

With high electron mobility and high excitation rate, it does not decompose in the degradation of organic pollutants and sterilization of bacteria and viruses.

Porous Nickel Honeycomb Substrate Material

The unique honeycomb structure design with high specific surface area and high permeability increases the photocatalyst content and improves efficiency.

Benefit

Deodorization

Oxidative groups sterilize and purify the air, significantly improving air quality for a more comfortable life.

Eco-Friendly

Unlike conventional adsorption methods, it requires no consumable replacements and generates no secondary environmental pollution, allowing for permanent use.



SGS Certification*

*Certified by SGS, in a 3m³ test chamber, the device operates for 120 minutes and demonstrates an average antibacterial rate >99.92% against Staphylococcus albus.
*Certified by SGS, in a 3m³ test chamber, the device runs in Powerful mode for 120 minutes. The difference value of odor level for smoke odor is 3.00, and for pet odor is 3.12, both ≥3.0, meeting the Grade A odor elimination standard.

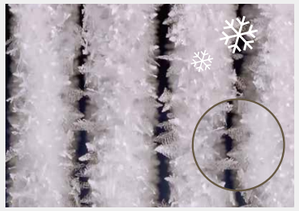
Self-Clean

Always Clean Always Cool.



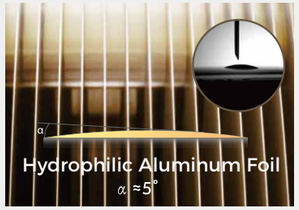
Technology

Dirt accumulates on the evaporator during operation. If not cleaned regularly, the dirt leads to the growth of mold and bacteria that compromise the air quality coming through the air conditioners. It also reduces air conditioning efficiency by 15-30%.



Cold Expansion

Frost on the evaporator/condenser generates strong cold expansion force that can easily peel off dirt on the surface.



Express Washing

Hydrophilic aluminum with smaller angle helps increase water drainage efficiency by 20%.



Anti-Bacteria

The coating on the aluminum contains silver nanoparticles that kill bacteria and inhibit their growth>99.99% efficiency.

Upgrade After Self-Clean starts, UVC function starts simultaneously.

Benefit

Cleaner, More Efficient Air

The technology kills bacteria and keeps the evaporator clean. It enables the AC to work at full cooling capacity and deliver cleaner air.

Saving Cleaning Cost

Manual cleaning from service technicians costs a lot of money. It allows you to clean your AC regularly with a simple tap on your controller.



TUV Certification*

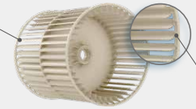
*The Verification on Cooling Expansion Rate & Defrosting Residual Rate of Air Conditioner with Self-Cleaning Technology is tested on model AS09FBBHRA by TUV Rheinland. The test report shows that the cooling expansion rate is 98.2% and defrosting residual rate is 0%.
* Haier has been the world's No.1 Self-Clean air conditioner brand for 4 years in a row with a market share of over 37% (Date from Euromonitor International as of Feb. 2022)

Whispering Air

Feel the Inner Peace

Technology

The bionic wing-shaped fan blades are designed to eliminate single-frequency noise peaks, thereby significantly reducing overall operational sound levels.

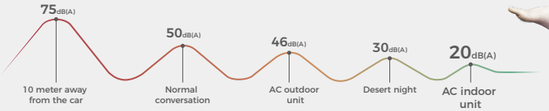


The optimized air outlet angle achieves an optimal trade-off between airflow rate and noise generation.



Benefit

Quiet, Cool Air



Easy to Clean

The innovative structural design, combined with antibacterial filters, enables quick disassembly and effortless dust removal for easy cleaning.

Technology

Easy to Disassemble

The innovative magnetic filter design enables the filter to be detached in one effortless step.

Easy to Clean

With its specialized materials and nanostructured surface, the filter prevents dust adhesion and can be easily rinsed clean with water.

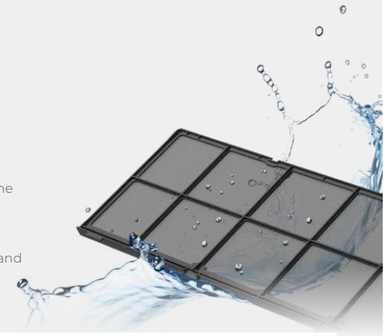
Benefit

Saving Cleaning Cost

The innovative design improves the cleaning time and money.

Visible Health

The antibacterial filters prevents dust adhesion and ensures the healthy air.



Outdoor Fan Reverse Cleaning

Less Dust, More Efficiency.

Technology

After running for a long time, the outdoor fan rotates reversely after turning off the AC to clean dirt on the heat exchanger fin.

Benefit

Remove the floating ash and debris on the condenser, keep the heat exchanger clean and maintain heat exchange efficiency, and achieve energy saving.



Slim Design

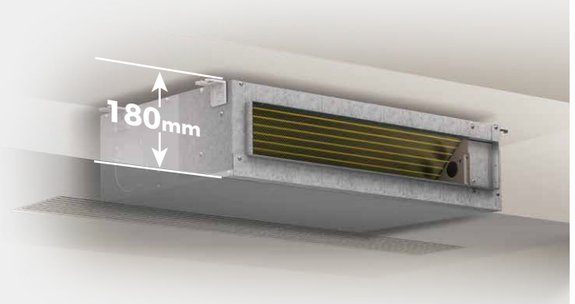
The Thinnest Thickness in the Industry.

Technology

The optimized pipeline and air supply systems reduce the height of both the evaporator and the fan, thereby reducing the thickness of the entire unit.

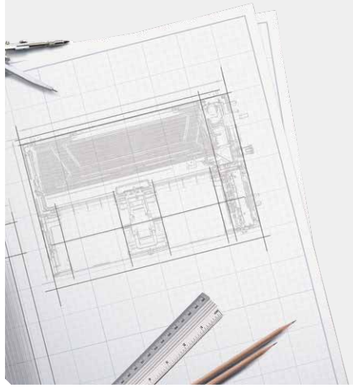
Benefit

The slim design fits even in limited ceiling spaces.



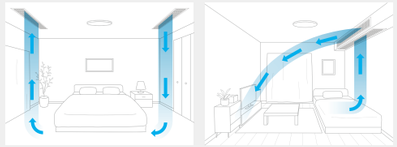
Easy to Install

Multiple flexible installation options are available to meet the requirements of diverse application scenarios.



Technology

It offers flexible installation for both air inlet and outlet to suit different room layouts.



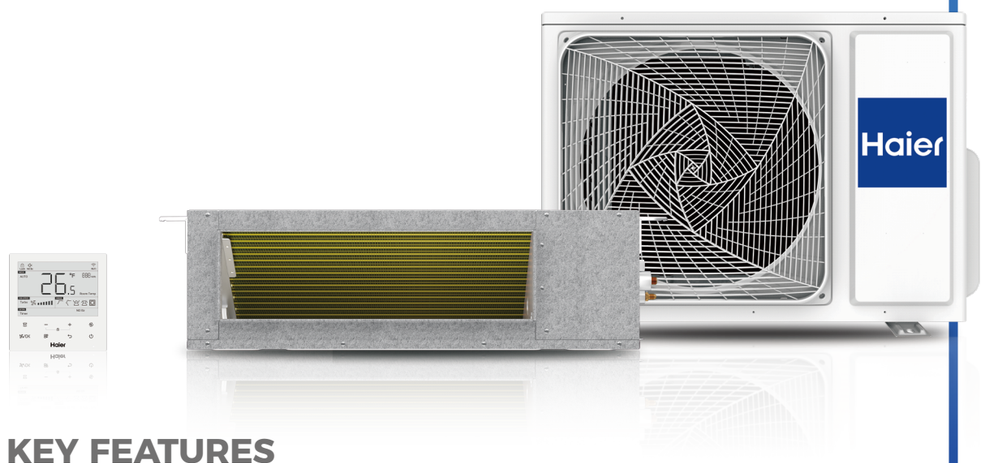
Benefit

■ Higher installation efficiency ■ Lower installation costs ■ Adapt to a variety of installation situations

LSP Duct						
Model Name		Indoor model	HD25LBAHRA	HD35LBAHRA	HD50LDAHRA	HD71LDAHRA
		Outdoor model	1H25MEAFRA	1H35MEAFRA	1H50KEAFRA	1H71WEAFRA
Cooling						
Capacity	Nominal (Min-Max)	Btu/h	8530(3412-10918)	11942(4435-15354)	17060(4775-20470)	21154(5118-23201)
	Nominal	kW	2.5	3.5	5	6.2
	Range(Min-Max)	kW	(1.00-3.20)	(1.30-4.50)	(1.40-6.00)	(1.50-6.80)
Energy Efficiency	SEER		6.7	6.7	6.4	6.2
Energy Efficiency	EER		3.23	3.23	3.23	2.75
Energy Class			A++	A++	A++	A++
Pdesign Capacity		kW	2.5	3.5	5	6.2
Power Input	Nominal	kW	0.774	1.084	1.548	2.255
Power Input	Range (Min-Max)	kW	(0.350-1.100)	(0.350-1.300)	(0.500-2.000)	(0.430-2.330)
Annual Energy Consumption		kWh/a	131	183	273	350
Operating Limits	Min-Maxx	℃	-20-43℃(out)	-20-43℃(out)	-20-43℃(out)	-20-43℃(out)
Heating						
Capacity	Nominal (Min-Max)	Btu/h	10918(3412-15354)	13648(4435-18083)	19445(4775-22520)	23202(5118-26613)
Capacity	Nominal	kW	3.2	4	5.7	6.8
Capacity	Range(Min-Max)	kW	(1.00-4.50)	(1.30-5.30)	(1.40-6.60)	(1.50-7.80)
Energy Efficiency	SCOP		4	4	4.1	4
Energy Efficiency	COP (Mild)		3.71	3.71	3.71	3.5
Energy Efficiency	SCOP (Warm/Cold)		5.10/-	5.10/-	4.90/-	4.10/-
Energy Class	Mild/Warm/Cold		A+/A+++/-	A+/A+++/-	A+/A++/-	A+/A++/-
Pdesign Capacity (-10 C)		kW	2.4	2.6	4.2	5
Power Input	Nominal	kW	0.863	1.078	1.536	1.943
Power Input	Range(Min-Max)	kW	(0.450-1.250)	(0.450-1.500)	(0.600-2.100)	(0.250-2.360)
Annual Energy Consumption		kWh/a	840	910	1434	1750
Operating Limits		℃	-20-24℃(out)	-20-24℃(out)	-20-24℃(out)	-20-24℃(out)
Power Supply	Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
	Position		outdoor	outdoor	outdoor	outdoor
Indoor						
Net Dimension	W/D/H	mm	700*450*180	700*450*180	1150*450*180	1150*450*180
Package Dimension	W/D/H	mm	920*561*259	920*561*259	1370*560*250	1370*560*250
Net/Shipping Weight		kg	13.0/15.0	13.0/15.0	20.0/22.0	20.0/23.0
Air Flow (Cooling/Heating)	Max	m/h	550/550	550/550	1100/1100	1200/1200
Sound Power Level	Cooling (Hi)	dB(A)	55	55	59	60
	Heating (Hi)	dB(A)	55	55	59	60
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	36/29/26/20	37/33/27/22	44/39/33/27	45/40/34/28
	Heating (Hi/Mid/Lo/So)	dB(A)	36/29/26/20	37/33/27/22	44/39/33/27	45/40/34/28
Moisture Removal		10-3m/h	1.2	1.7	2	2.3
Outdoor						
			HIGHLY	HIGHLY	HIGHLY	HIGHLY
Compressor	W/D/H	mm	800*280*553	800*280*553	820*306*642	890*340*705
Net Dimension	W/D/H	mm	902*375*614	902*375*614	940*390*697	1046*460*780
Package Dimension		kg	27.6/30.4	30.0/32.9	36.3/39.5	43.0/47.0
Net/Shipping Weight	Max	m/h	2300	2700	2900	3000
Air Flow (Cooling/Heating)	Hi	dB(A)	59	61	65	68
Sound Power Level	Hi	dB(A)	47	48	53	55
Sound Pressure Level	Max	A	5.8	6.5	8.59	10.68
Running Current	R410a/R32		R32	R32	R32	R32
Refrigerant Type	R410a/R32	g	700	800	1100	1300
Refrigerant Charge	Liquid Side Diameter		6.35	6.35	6.35	9.52
Refrigerant Pipe	Gas Side Diameter		9.52	9.52	12.7	15.88
	Max Pipe Length/Height		20/10	20/10	25/15	25/15
	Max Pipe Length without Additional Charge		10	10	10	10
	Additional Charge		20	20	20	45

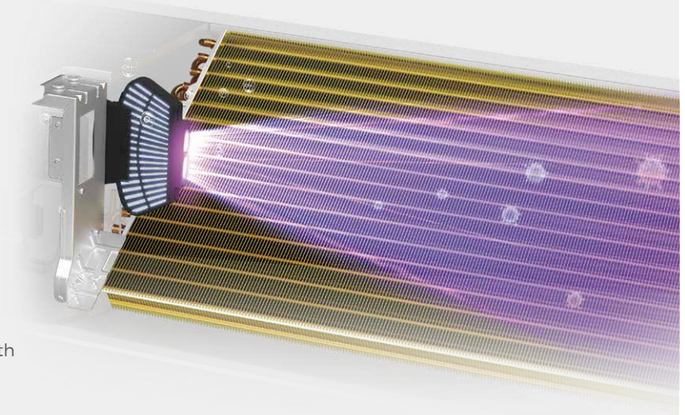
MSP Duct

ECO Expert, Healthy Air



KEY FEATURES

- UVC Plus
- High Efficiency
- 3 Step ECO
- Slim Design (240 mm)
- Coanda Plus Airflow
- Electricity Status



UVC Plus Sterilization

More than One Tech, For Your Optimal Health

Technology

Dual-Wavelength UV Technology
UVA (370nm) excitation photocatalyst
UVC (275nm) sterilization

Oxidizing Groups Sterilization and Deodorization
The hydroxyl groups and reactive oxygen species produced by excited photocatalysts have strong oxidizing properties and can decompose space pollutants.

Catalyst High Temperature Sintering Technology
Titanium dioxide catalyst high temperature sintering technology can maintain the photocatalyst permanent adsorption, with an indefinite lifespan.

Ore Structure Photocatalyst
With high electron mobility and high excitation rate, it does not decompose in the degradation of organic pollutants and sterilization of bacteria and viruses.

Porous Nickel Honeycomb Substrate Material
The unique honeycomb structure design with high specific surface area and high permeability increases the photocatalyst content and improves efficiency.

Benefit

Deodorization
Oxidative groups sterilize and purify the air, significantly improving air quality for a more comfortable life.

Eco-Friendly
Unlike conventional adsorption methods, it requires no consumable replacements and generates no secondary environmental pollution, allowing for permanent use.



SGS Certification*

*Certified by SGS, in a 3m³ test chamber, the device operates for 120 minutes and demonstrates an average antibacterial rate >99.92% against Staphylococcus albus.
*Certified by SGS, in a 3m³ test chamber, the device runs in Powerful mode for 120 minutes. The difference value of odor level for smoke odor is 3.00, and for pet odor is 3.12, both ≥3.0, meeting the Grade A odor elimination standard.

High Efficiency

It utilizes a dual-fan air supply system to ensure uniform airflow and enhance the heat exchange efficiency, achieving optimal energy conservation.



Technology

DC Fan

The DC fan motor offers higher energy efficiency compared with traditional AC fan motors.

Dual-Fan Air Supply System

The dual-fan design increases air volume by 5%–10%. Under the same air volume, it reduces high-speed power consumption by 20% compared to traditional single-fan units.

Benefit

Energy Saving

The highly energy-efficient design minimizes electricity consumption, helping users reduce energy costs.

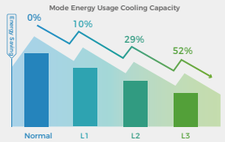
3-Step ECO

Reduces 52% energy consumption, compared with normal mode, by limiting the current. Stay cool and no longer need to worry about the electricity bills.

Technology

Just press the button “ECO” on the remote controller, and the AC will work in the active power and comfortable energy control.







Benefit

Active Energy Saving

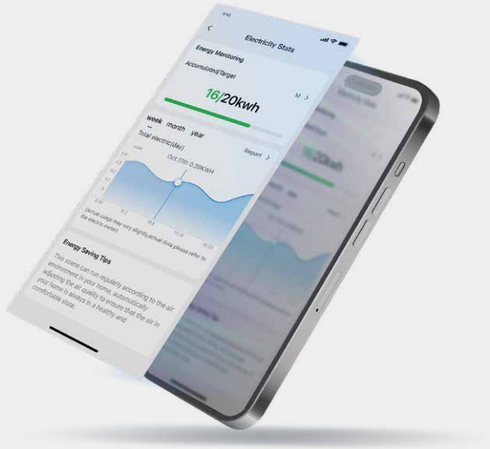
Innovative ECO Mode improves the energy efficiency by reducing cooling output without any comfort compromise.

3-Step Control

The special control program allows the air conditioner to work at different levels, and offers the best choice to users.

Electricity Management

Check the electricity usage through the App, set the target electricity consumption and adjust AC operation status automatically.



Technology

Through real-time calculation of the air conditioner’s PCB electricity consumption and cloud-based data processing, the system generates electricity consumption charts, helping users visualize their electricity consumption. By setting target usage levels and enabling smart electricity reminders, users can manage their electricity efficiently.

Benefit

Electricity Consumption Report

Provides visual bar charts to help users monitor electricity usage daily, weekly, monthly, or annually.

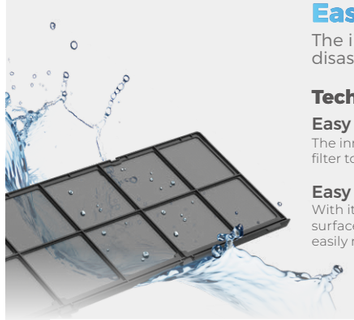
Electricity Management

Allows users to set daily electricity targets. When the target is reached, energy-saving mode is automatically activated.

Electricity Reminder

Sends a notification when user-defined power-saving targets are achieved, helping users manage electricity efficiently.





Easy to Clean

The innovative structural design, combined with antibacterial filters, enables quick disassembly and effortless dust removal for easy cleaning.

Technology

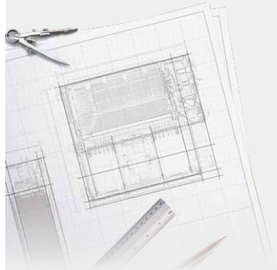
Easy to Disassemble
The innovative magnetic filter design enables the filter to be detached in one effortless step.

Easy to Clean
With its specialized materials and nanostructured surface, the filter prevents dust adhesion and can be easily rinsed clean with water.

Benefit

Saving Cleaning Cost
The innovative design improves the cleaning time and money.

Visible Health
The antibacterial filters prevents dust adhesion and ensures the healthy air.



Easy to Install

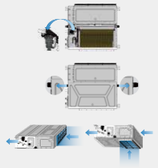
Product structural innovations enable fast and easy installation.

Technology

Water Pump
Install the water pump assembly into the pre-positioned clip and fasten the screws.

Left/Right Drainage
The drain pan includes drain holes on both the left and right sides.

Water Pump
The unit is available for both bottom intake with side discharge and rear intake with side discharge.



Benefit

■Higher installation efficiency ■Lower installation costs ■Adapt to a variety of installation situations



Easy to Maintain

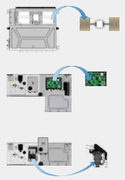
The optimized structural design facilitates easy disassembly and maintenance of core components, including the PCB, water pump and fan motor.

Technology

Fan Motor Maintenance
Open the top cover and upper volute, remove the motor retaining clip to extract the fan motor.

PCB Maintenance
Open the electrical cover plate, remove the two securing screws, then release the retaining clip and carefully remove the PCB.

Water Pump Maintenance
Remove the electrical box cover and screws, disconnect the water pump and float terminals, then loosen the cable clamps and remove the water pump.



Benefit

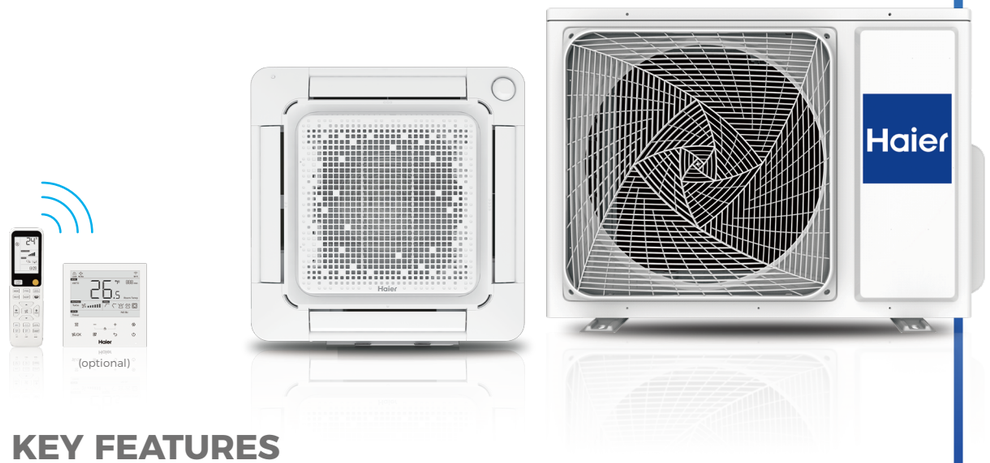
■Shorten maintenance time ■Reduce maintenance cost

MSP Duct

Model Name		Indoor model	HD35MDAHRA	HD50MDAHRA	HD71MFAHRA	HD105MFAHRA
		Outdoor model	1H35MEAFRA	1H50KEAFRA	1H71WEAFRA	1H105XEAFRA
Cooling						
Capacity	Nominal (Min-Max)	Btu/h	11942(3412-15355)	17060(5460-18765)	23885(5120-25250)	32415(6825-34120
	Nominal	kW	3.5	5	7	9.5
	Range(Min-Max)	kW	(1.00-4.50)	(1.60-5.50)	(1.47-7.40)	(2.00-10.00)
Energy Efficiency	SEER		8.5	7	7	6.2
Energy Efficiency	EER		3.8	3.23	3.23	3
Energy Class			A+++	A++	A++	A++
Pdesign Capacity		kW	3.5	5	7	9.5
Power Input	Nominal	kW	0.921	1.548	2.167	3.167
Power Input	Range (Min-Max)	kW	(0.400-1.100)	(0.100-2.500)	(0.120-2.850)	(0.220-4.000)
Annual Energy Consumption		kWh/a	144	250	350	536
Operating Limits	Min-Maxx	℃	-20-50℃(out)	-20-50℃(out)	-20-50℃(out)	-20-50℃(out)
Heating						
Capacity	Nominal (Min-Max)	Btu/h	13648(4435-18084)	20472(4776-22520)	25590(3617-29002)	35826(4095-35826)
Capacity	Nominal	kW	4	6	7.5	10.5
Capacity	Range(Min-Max)	kW	(1.30-5.30)	(1.40-6.60)	(1.06-8.50)	(1.20-10.50)
Energy Efficiency	SCOP		4.6	4.2	4.2	4.1
Energy Efficiency	COP (Mild)		3.71	4	3.71	3.2
Energy Efficiency	SCOP (Warm/Cold)		5.20/-	5.10/-	5.25/-	5.10/-
Energy Class	Mild/Warm/Cold		A++/A+++/-	A+/A+++/-	A+/A+++/-	A+/A+++/-
Pdesign Capacity (-10℃)		kW	3.6	4.5	5	7.8
Power Input	Nominal	kW	1.078	1.5	2.022	3.281
Power Input	Range(Min-Max)	kW	(0.400-1.430)	(0.110-1.750)	(0.170-1.720)	(0.300-4.000)
Annual Energy Consumption		kWh/a	1096	1500	1667	2663
Operating Limits		℃	-20-24℃(out)	-20-24℃(out)	-20-24℃(out)	-20-24℃(out)
Power Supply	Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
	Position		outdoor	outdoor	outdoor	outdoor
Indoor						
Net Dimension	W/D/H	mm	785*700*240	785*700*240	1085*700*240	1085*700*240
Package Dimension	W/D/H	mm	1024*848*300	1024*848*300	1324*848*300	1324*848*300
Net/Shipping Weight		kg	28/33.5	28.5/34.5	34.0/41.0	35.5/42.5
Air Flow (Cooling/Heating)	Max	m/h	800/800	1000/1000	1450/1450	1600/1600
Sound Power Level	Cooling (Hi)	dB(A)	54	56	58	60
	Heating (Hi)	dB(A)	54	56	58	60
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	35/31/27/23	40/38/33/23	37/32/28/26	39/36/31/28
	Heating (Hi/Mid/Lo/So)	dB(A)	35/31/27/23	40/38/33/23	37/32/28/26	39/36/31/28
Moisture Removal		10-3m³/h	1.6	2	2.5	3.5
			standard	standard	standard	standard
Outdoor						
Compressor			HIGHLY	HIGHLY	HIGHLY	HIGHLY
Net Dimension	W/D/H	mm	800*280*553	820*306*642	890*340*705	950*370*815
Package Dimension	W/D/H	mm	902*375*614	940*390*697	1046*460*780	1090*475*887
Net/Shipping Weight		kg	30/32.9	36.3/39.5	43/47	53.0/58.0
Air Flow (Cooling/Heating)	Max	m/h	2700	2900	3000	4600
Sound Power Level	Hi	dB(A)	61	65	68	70
Sound Pressure Level	Hi	dB(A)	48	53	55	57
Running Current	Max	A	6.5	8.59	10.68	17.7
Refrigerant Type	R410a/R32		R32	R32	R32	R32
Refrigerant Charge	R410a/R32	g	800	1100	1300	1900
Refrigerant Pipe	Liquid Side Diameter		6.35	6.35	9.52	9.52
	Gas Side Diameter		9.52	12.7	15.88	15.88
	Max Pipe Length/Height		20/10	25/15	25/15	50/30
	Max Pipe Length without Additional Charge		10	10	10	10
	Additional Charge		20	20	45	30

Mini Cassette

ECO Expert, Healthy Air



KEY FEATURES

- UVC Plus
- 3 Step ECO
- 56°C Sterilization
- Independent Control of Outlet Louver
- Easy to Install
- Outdoor Fan Reverse Cleaning

UVC Plus

More Than One Tech, For Your Optimal Health

Technology

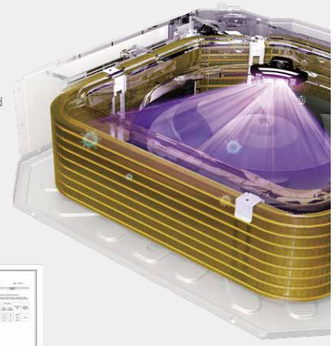
Dual-Wavelength UV Technology
UVA (370nm) excitation photocatalyst
UVC (275nm) sterilization

Oxidizing Groups Sterilization and Deodorization
The hydroxyl groups and reactive oxygen species produced by excited photocatalysts have strong oxidizing properties and can decompose space pollutants.

Catalyst High Temperature Sintering Technology
Titanium dioxide catalyst high temperature sintering technology can maintain the photocatalyst permanent adsorption, with an indefinite lifespan.

Ore Structure Photocatalyst
With high electron mobility and high excitation rate, it does not decompose in the degradation of organic pollutants and sterilization of bacteria and viruses.

Porous Nickel Honeycomb Substrate Material
The unique honeycomb structure design with high specific surface area and high permeability increases the photocatalyst content and improves efficiency.



Benefit

Deodorization
Oxidative groups sterilize and purify the air, significantly improving air quality for a more comfortable life.

Eco-Friendly
Unlike conventional adsorption methods, it requires no consumable replacements and generates no secondary environmental pollution, allowing for permanent use.



SGS Certification*

*Certified by SGS, in a 3m³ test chamber, the device operates for 120 minutes and demonstrates an average antibacterial rate >99.92% against Staphylococcus albus.
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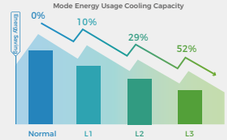
3-Step ECO

Reduces 52% energy consumption, compared with normal mode, by limiting the current. Stay cool and no longer need to worry about the electricity bills.

Technology

Just press the button "ECO" on the remote controller, and the AC will work in the active power and comfortable energy control.







Benefit

Active Energy Saving
Innovative ECO Mode improves the energy efficiency by reducing cooling output without any comfort compromise.

3-Step Control
The special control program allows the air conditioner to work at different levels, and offers the best choice to users.

Technology

Smart Frequency Control
It intelligently adjusts the compressor frequency to control the coil temperature and then maintains the evaporator at 56°C high temperature.

High Temperature Sterilization
Almost no bacteria and viruses can survive at 56°C for 30 minutes based on the latest research. Once the heating process is done, the evaporator is cooled down instantly to achieve better sterilization performance.



Benefit

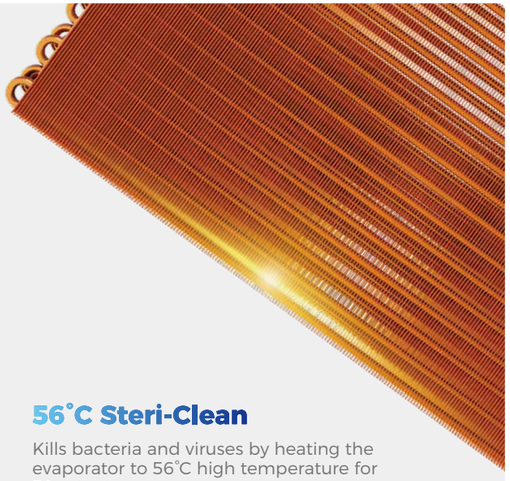
Delivering Healthier Air
56°C high temperature sterilization dries the components inside, and kills bacteria and viruses, ensuring healthy air coming out of the air conditioner.

Easy-to-Operate
The function is available via the App, and you can turn it on with just a simple tap.

*The Verification of 56˚C Sterilization with a Duration of 30 Minutes is tested on model AS09JBJHRA/1U09MEJFRA by SGS. The test report shows that the measured temperature of evaporator surface and heat exchanger is higher than 56˚C for over 30 minutes.



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The unit delivers a gentle 360˚ surround airflow that reaches every corner of the room. Independently adjustable flaps allow precise wind direction control, while a horizontal airflow design prevents direct drafts. Together, these features ensure a uniformly stable and comfortable indoor temperature.

Technology
The four air flaps are driven by an independent stepper motor, allowing for precise individual control and flexible airflow distribution.



Benefit

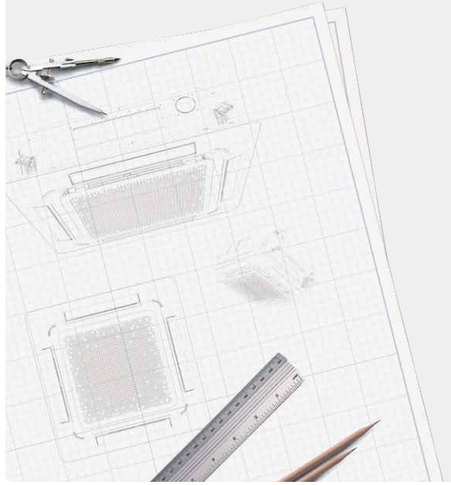
Ceiling Cooling
The variable-angle flap design creates horizontal airflow that prevents direct cold drafts, ensuring no direct airflow reaches people within 5m.



Carpet Heating
Warm air is directed downward toward the floor within 1.2m, then rises gradually to achieve even and comfortable heat distribution across the room.







Easy to Install

Product innovations in structural design enable fast and easy installation.

Technology

Standard Design
The length and width of Cassette are uniform, making it convenient for after-sales installation.



Water Pump
Equipped with a 1.2m head water pump as standard, enhancing installation flexibility and speed.



Fresh Air Intake
The device is equipped with a fresh air intake port, which can bring in the healthy air from outside, thereby improving the indoor air quality.



Benefit
▪ Higher installation efficiency ▪ Lower installation costs

Technology

PCB Maintenance
Remove the electrical box cover, and then the PCB can be taken out.



Fan, Motor, and Pump Maintenance
The fan, motor, and pump can be accessed and disassembled by opening the panel and drain pan, all while the unit remains suspended.



Drainage Plug
A drainage plug is added to the drain pan, enabling water to be drained before disassembly or maintenance.



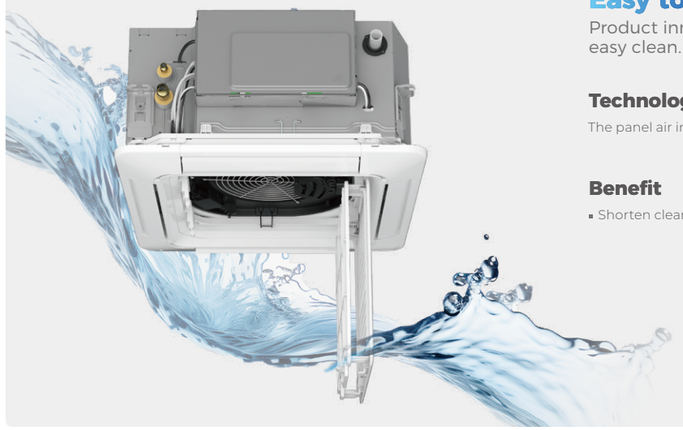
Panel Air Intake Grille
It features automatic operation without a remote control and supports forced cooling, while displaying the latest fault code for fast diagnostics.



Benefit
▪ Shorten maintenance time ▪ Reduce maintenance cost

Easy to Maintain

The optimized structural design facilitates easy disassembly and maintenance of core components, including the PCB, fan, motor, and water pump.



Easy to Clean

Product innovations in structural design enable easy clean.

Technology

The panel air intake grille can be hung for easy clean.

Benefit

- Shorten cleaning time
- Reduce cleaning cost

Self-Clean

Always Clean, Always Cool

Technology

Dirt accumulates on the evaporator during operation. If not cleaned regularly, the dirt leads to the growth of mold and bacteria that compromise the air quality coming through the air conditioners. It also reduces air conditioning efficiency by 15-30%.



Cold Expansion

Frost on the evaporator/condenser generates strong cold expansion force that can easily peel off dirt on the surface.



Express Washing

Hydrophilic aluminum with smaller angle helps increase water drainage efficiency by 20%.



Anti-Bacteria

The coating on the aluminum contains silver nanoparticles that kill bacteria and inhibit their growth>99.99% efficiency.



Upgrade After Self-Clean starts, UVC function starts simultaneously.

Benefit

Cleaner, More Efficient Air

The technology kills bacteria and keeps the evaporator clean. It enables the AC to work at full cooling capacity and deliver cleaner air.

Saving Cleaning Cost

Manual cleaning from service technicians costs a lot of money. It allows you to clean your AC regularly with a simple tap on your controller.



TUV Certification*

*The Verification on Cooling Expansion Rate & Defrosting Residual Rate of Air Conditioner with Self-Cleaning Technology is tested on model AS09FBBHRA by TUV Rheinland. The test report shows that the cooling expansion rate is 98.2% and defrosting residual rate is 0%.
* Haier has been the world's No.1 Self-Clean air conditioner brand for 4 years in a row with a market share of over 37% (Date from Euromonitor International as of Feb. 2022)

Mini Cassette

Model Name		Indoor model	HB25MBAHRA	HB35MBAHRA	HB50MBAHRA	HB71MBAHRA
		Outdoor model	1H25MEAFRA	1H35MEAFRA	1H50KEAFRA	1H71WEAFRA
Cooling						
Capacity	Nominal (Min-Max)	Btu/h	8530(2730-12284)	11942(2730-13648)	17060(4435-19790)	21155(4435-22180)
	Nominal	kW	2.5	3.5	5	6.2
	Range(Min-Max)	kW	(0.80-3.60)	(0.80-4.00)	(1.30-5.80)	(1.30-6.50)
Energy Efficiency	SEER		7.5	7.8	6.3	6.1
Energy Efficiency	EER		3.4	3.4	2.8	2.7
Energy Class			A++	A++	A++	A++
Pdesign Capacity		kW	2.5	3.5	5	6.2
Power Input	Nominal	kW	0.735	1.029	1.786	2.296
Power Input	Range (Min-Max)	kW	(0.400-1.060)	(0.400-1.310)	(0.400-1.870)	(0.400-2.300)
Annual Energy Consumption		kWh/a	117	157	278	356
Operating Limits	Min-Maxx	°C	-20-50°C(out)	-20-50°C(out)	-20-50°C(out)	-20-50°C(out)
Heating						
Capacity	Nominal (Min-Max)	Btu/h	11090(2730-14670)	14330(2730-15354)	19790(4775-20470)	25590(8190-27296)
Capacity	Nominal	kW	3.25	4.2	5.8	7.5
Capacity	Range(Min-Max)	kW	(0.80-4.30)	(0.80-4.50)	(1.40-6.00)	(2.40-8.00)
Energy Efficiency	SCOP		4.2	4.1	4.05	4.05
Energy Efficiency	COP (Mild)		3.8	3.8	3.4	3.15
Energy Efficiency	SCOP (Warm/Cold)		5.10/-	5.10/-	5.10/-	5.10/-
Energy Class	Mild/Warm/Cold		A+/A+++/-	A+/A+++/-	A+/A+++/-	A+/A+++/-
Pdesign Capacity (-10 C)		kW	2.6	2.8	4	4.6
Power Input	Nominal	kW	0.855	1.105	1.706	2.381
Power Input	Range(Min-Max)	kW	(0.400-1.390)	(0.400-1.530)	(0.520-1.900)	(0.600-3.000)
Annual Energy Consumption		kWh/a	867	956	1383	1590
Operating Limits		°C	-20-24°C(out)	-20-24°C(out)	-20-24°C(out)	-20-24°C(out)
Power Supply	Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
	Position		outdoor	outdoor	outdoor	outdoor
Indoor						
Net Dimension	W/D/H	mm	575*575*260	575*575*260	575*575*260	575*575*260
Net Panel Dimension	W/D/H	mm	620*620*73	620*620*73	620*620*73	620*620*73
Panel package Dimension	W/D/H		738*672*336	738*672*336	738*672*336	738*672*336
Package Dimension	W/D/H		675*687*133	675*687*133	675*687*133	675*687*133
Net/Shipping Weight			15.5/18.5	15.5/18.5	15.5/18.5	16.0/19.0
Panel Net/Shipping Weight		kg	2.5/4.5	2.5/4.5	2.5/4.5	2.5/4.5
Air Flow (Cooling/Heating)	Max	m/h	600/600	650/650	770/770	900/900
Sound Power Level	Cooling (Hi)	dB(A)	54	60	60	65
	Heating (Hi)	dB(A)	54	60	60	65
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	31/28/23/18	34/31/23/20	39/34/25/23	43/40/32/28
	Heating (Hi/Mid/Lo/So)	dB(A)	31/28/23/18	34/31/23/20	39/34/25/23	43/40/32/28
Moisture Removal		10-3m/h	1.2	1.7	2.3	3
Pump			standard	standard	standard	standard
Outdoor						
Compressor			HIGHLY	HIGHLY	HIGHLY	HIGHLY
Net Dimension	W/D/H	mm	800*280*553	800*280*553	820*306*642	890*340*705
Package Dimension	W/D/H	mm	902*375*614	902*375*614	940*390*697	1046*460*780
Net/Shipping Weight		kg	27.6/30.4	30/32.9	36.3/39.5	43/47
Air Flow (Cooling/Heating)	Max	m/h	2300	2700	2900	3000
Sound Power Level	Hi	dB(A)	59	61	65	68
Sound Pressure Level	Hi	dB(A)	47	48	53	55
Running Current	Max	A	6.36	6.5	8.59	10.68
Refrigerant Type	R410a/R32		R32	R32	R32	R32
Refrigerant Charge	R410a/R32	g	700	800	1100	1300
Refrigerant Pipe	Liquid Side Diameter		6.35	6.35	6.35	9.52
	Gas Side Diameter		9.52	9.52	12.7	15.88
	Max Pipe Length/Height		20/10	20/10	25/15	25/15
	Max Pipe Length without Additional Charge		10	10	10	10
	Additional Charge		20	20	20	45

Cassette

ECO Expert, Healthy Air



KEY FEATURES

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- Outdoor Fan Reverse Cleaning

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Technology

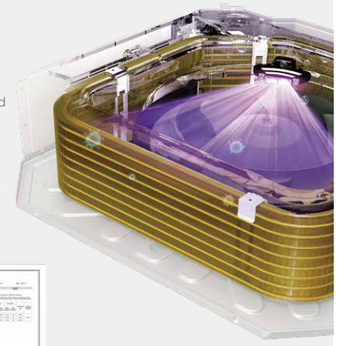
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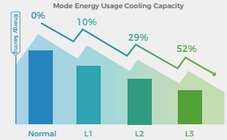
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Benefit

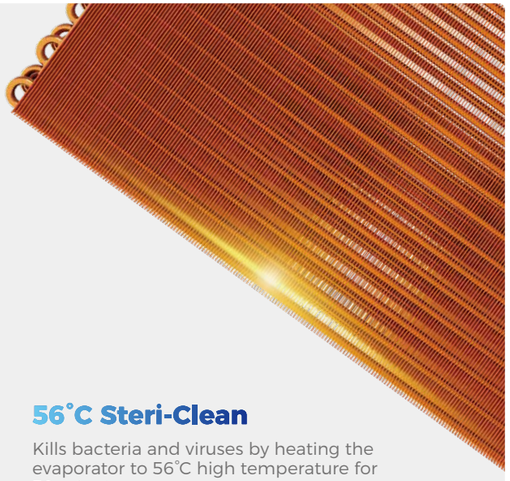
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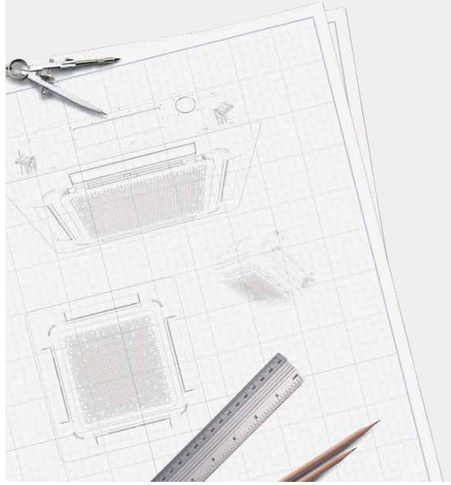
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Technology

Standard Design
The length and width of Cassette are uniform, making it convenient for after-sales installation.



Water Pump
Equipped with a 1.2m head water pump as standard, enhancing installation flexibility and speed.



Fresh Air Intake
The device is equipped with a fresh air intake port, which can bring in the healthy air from outside, thereby improving the indoor air quality.



Benefit

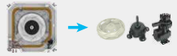
▪ Higher installation efficiency ▪ Lower installation costs

Technology

PCB Maintenance
Open the air inlet grille, remove the electrical box cover, then take out the PCB.



Fan, Motor, and Pump Maintenance
The fan, motor, and pump can be accessed and disassembled by opening the panel and drain pan, all while the unit remains suspended.



Drainage Plug
A drainage plug is added to the drain pan, enabling water to be drained before disassembly or maintenance.



Panel Air Intake Grille
The panel air intake grille can be hung during service, making installation and maintenance easier.



Integrated Emergency Switch and Display Board
It features automatic operation without a remote control and supports forced cooling, while displaying the latest fault code for fast diagnostics.





Benefit

▪ Shorten maintenance time ▪ Reduce maintenance cost

Easy to Maintain

The optimized structural design facilitates easy disassembly and maintenance of core components, including the PCB, fan, motor, and water pump.



Easy to Clean

Product innovations in structural design enable easy clean.

Technology

The panel air intake grille can be hung for easy clean.

Benefit

- Shorten cleaning time
- Reduce cleaning cost

Self-Clean

Always Clean, Always Cool

Technology

Dirt accumulates on the evaporator during operation. If not cleaned regularly, the dirt leads to the growth of mold and bacteria that compromise the air quality coming through the air conditioners. It also reduces air conditioning efficiency by 15-30%.



Cold Expansion

Frost on the evaporator/condenser generates strong cold expansion force that can easily peel off dirt on the surface.



Express Washing

Hydrophilic aluminum with smaller angle helps increase water drainage efficiency by 20%.



Anti-Bacteria

The coating on the aluminum contains silver nanoparticles that kill bacteria and inhibit their growth>99.99% efficiency.



Upgrade After Self-Clean starts, UVC function starts simultaneously.

Benefit

Cleaner, More Efficient Air

The technology kills bacteria and keeps the evaporator clean. It enables the AC to work at full cooling capacity and deliver cleaner air.

Saving Cleaning Cost

Manual cleaning from service technicians costs a lot of money. It allows you to clean your AC regularly with a simple tap on your controller.



TUV Certification*

*The Verification on Cooling Expansion Rate & Defrosting Residual Rate of Air Conditioner with Self-Cleaning Technology is tested on model AS09FBBHRA by TUV Rheinland. The test report shows that the cooling expansion rate is 98.2% and defrosting residual rate is 0%.
* Haier has been the world's No.1 Self-Clean air conditioner brand for 4 years in a row with a market share of over 37% (Date from Euromonitor International as of Feb. 2022)

Cassette				
Model Name		Indoor model	HB71CEAHRA	HB105CFAHRA
		Outdoor model	1H71WEAFRA	1H105XEAFRA
Cooling				
Capacity	Nominal (Min-Max)	Btu/h	24225(2730-28320)	32414(3412-37532)
	Nominal	kW	7.1	9.5
	Range(Min-Max)	kW	(0.80-8.30)	(1.00-11.00)
Energy Efficiency	SEER		7	6.5
Energy Efficiency	EER		3.55	3
Energy Class			A++	A++
Pdesign Capacity		kW	7.1	9.5
Power Input	Nominal	kW	2	3.167
Power Input	Range (Min-Max)	kW	(0.500-2.350)	(0.800-3.600)
Annual Energy Consumption		kWh/a	355	512
Operating Limits	Min-Maxx	°C	-10-43°C(out)	-10-43°C(out)
Heating				
Capacity	Nominal (Min-Max)	Btu/h	25931(2047-29002)	36850(3412-42650)
Capacity	Nominal	kW	7.6	10.8
Capacity	Range(Min-Max)	kW	(0.60-8.50)	(1.00-12.50)
Energy Efficiency	SCOP		4.3	4.1
Energy Efficiency	COP (Mild)		3.72	3.3
Energy Efficiency	SCOP (Warm/Cold)		5.10/-	5.10/-
Energy Class	Mild/Warm/Cold		A+/A+++/-	A+/A+++/-
Pdesign Capacity (-10 C)		kW	5.5	7.7
Power Input	Nominal	kW	2.043	3.273
Power Input	Range(Min-Max)	kW	(0.600-2.350)	(0.800-3.600)
Annual Energy Consumption		kWh/a	1791	2629
Operating Limits		°C	-15-24°C(out)	-15-24°C(out)
Power Supply	Ph/V/Hz		1/220-240/50	1/220-240/50
	Position		outdoor	outdoor
Indoor				
Net Dimension	W/D/H	mm	840*840*204	840*840*288
Net Panel Dimension	W/D/H	mm	950*950*73.5	950*950*73.5
Panel package Dimension	W/D/H		939*939*261	939*939*345
Package Dimension	W/D/H		1013*1035*132	1013*1035*132
Net/Shipping Weight			21/25.5	25/29.5
Panel Net/Shipping Weight		kg	5.5/8.5	5.5/8.5
Air Flow (Cooling/Heating)	Max	m/h	1450/1500	1800/1800
Sound Power Level	Cooling (Hi)	dB(A)	60	62
	Heating (Hi)	dB(A)	60	62
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	35/32/28/26	37/35/29/28
	Heating (Hi/Mid/Lo/So)	dB(A)	35/32/28/26	37/35/29/28
Moisture Removal		10-3m/h	4.5	4.5
Pump			standard	standard
Outdoor				
Compressor			HIGHLY	HIGHLY
Net Dimension	W/D/H	mm	890*340*705	950*370*815
Package Dimension	W/D/H	mm	1046*460*780	1090*475*887
Net/Shipping Weight		kg	43/47	53/58
Air Flow (Cooling/Heating)	Max	m/h	3000	4600
Sound Power Level	Hi	dB(A)	68	70
Sound Pressure Level	Hi	dB(A)	55	57
Running Current	Max	A	10.68	17.7
Refrigerant Type	R410a/R32		R32	R32
Refrigerant Charge	R410a/R32	g	1300	1900
Refrigerant Pipe	Liquid Side Diameter		9.52	9.52
	Gas Side Diameter		15.88	15.88
	Max Pipe Length/Height		25/15	50/30
	Max Pipe Length without Additional Charge		10	10
	Additional Charge		45	30

Haier Air Conditioning