

Hisense

INVERTER EXPERT

Enrich Your Cooling Experience With Global Technology



Auto Clean



Smart Connect



5 Star Energy
Saving



Inverter Expert



Eco Refrigerant
R32

Hisense 2022/2023
Air-Conditioner Catalog

Hisense

Company profile

Hisense Co., Ltd. is a Chinese multinational major appliance and electronics manufacturer headquartered in Qingdao. Hisense has been a sponsorship partners of several event such as UEFA EURO 2016, FIFA World Cup 2018 and we become the official partner of UEFA EURO in year 2020!

We are always striving to enhance and develop advanced energy saving air conditioners that will further improve customer experience.

2015

Hisense launched the rotating series of intelligent air conditioners, and won the Epland Award, which is known as the Oscar of the home appliance industry.

2012

Hisense A8 series Apple Pie successfully launched with 11.3cm thickness, which become the thinnest air conditioner in the industry.

2014

Hisense proposed and began to apply intelligent system solutions that improve the air quality of users' homes.

1997

Hisense's first inverter air conditioner was launched and put into production.

2013

Hisense launched the first generation of Internet intelligent air conditioners, leading the intelligent revolution of the air conditioning industry.

1996

Introduce world-class inverter air conditioner technology and production line, resume the first inverter air conditioner production base in China, and cut into the inverter industry at a high starting point.

4 Reasons to buy Hisense Air-condtioner

1

Super Cooling

With 'Super' Cooling button and long distance airflow, Hisense air-conditioner can cool your house faster.

2

Energy Saving

Hisense inverter 1.0HP, with average energy consumption per year 962.5 kWh which is more cost effective and energy saving.

3

Long Duration

Hisense air-conditioner using high quality material such as 100% copper piping, blue fin & gold fin to ensure our product can last longer. Enjoy peace of mind with great warranty.

4

Technology Support

With the strong strength of global R&D, Hisense air-onditioner includes the latest inverter technology such as wide frequency control and low voltage operation.

QUALITY PRODUCTS

We strengthen our core competitiveness through quality innovation and efficiency.



2016-2017 Leader Brand of Smart & Variable Speed Product of Air Conditioner Industry



2017 China Household Appliances Innovation Award



2017 International Award on Green Design



2017 AWE Appliances Innovation Award



2018 UET Good Product



2018 China Government's choice for Energy Efficient Air Conditioner



Super Cool



■ Super Cooling Button

R32 Inverter	Min (W)	Medium (W)	Max (W)
1.0HP Inverter	863	2623	3009
1.5HP Inverter	658	3473	3648
2.0HP Inverter	1119	5008	5456
2.5HP Inverter	1630	6143	7176

Press the "SUPER" button in the remote controller to immediately feel the cool air you desire, especially in hot weather.
*Applicable for TU & KA Series

■ Long Distance Air Flow



With more powerful air-flow, Hisense air-conditioner can cool your house faster and give you a better cooling experience during the hot summer.

Product	Comparison	Air flow Distance
1.0Hp	Common AC	6m
	Hisense AC	8m
1.5Hp	Common AC	8m
	Hisense AC	10m
2.0Hp	Common AC	12m
	Hisense AC	15m
2.5Hp	Common AC	12m
	Hisense AC	16m

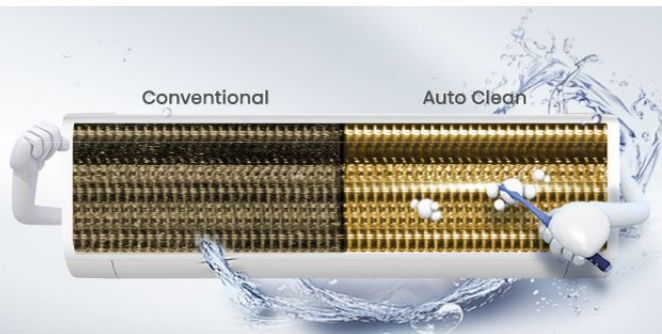


Comfortable



■ Auto Clean

Auto Clean for indoor unit evaporator, with one button press to clean the evaporator in 10 minutes.



One Button, Auto Clean!



*Features are for 2021 new products with L1-12 remote controller



APP Control
(Optional)



Anti-corrosion
Golden Fin



Super
Quiet



Multiple
Filters



LED
Display



4D
Airflow



Gas Leakage
Detection

■ Auto Clean Benefits



Reduce the growth of
bacteria and making
air cleaner



Improve the efficiency of
heat exchange to ensure
the air conditioner in
better cooling condition.

■ Operating Auto Clean



- ① When air conditioner in standby status;
- ② Set the remote controller in Cooling or Dry mode;
- ③ Press Quiet button for 5 seconds to enter Clean mode;
- ④ Indoor unit starts Auto Clean procedure, Frosting-Penetration-Stripping-Defrosting-Drying;
- ⑤ Within 10 minutes, air conditioner enters the Cooling or Dry mode set by the remote controller before Auto Clean.

*Remark:

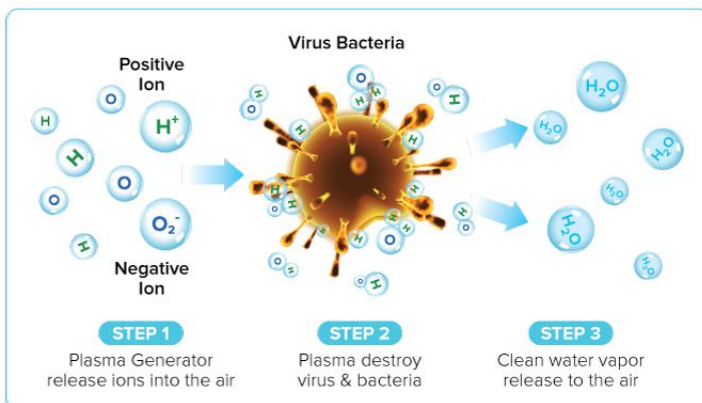
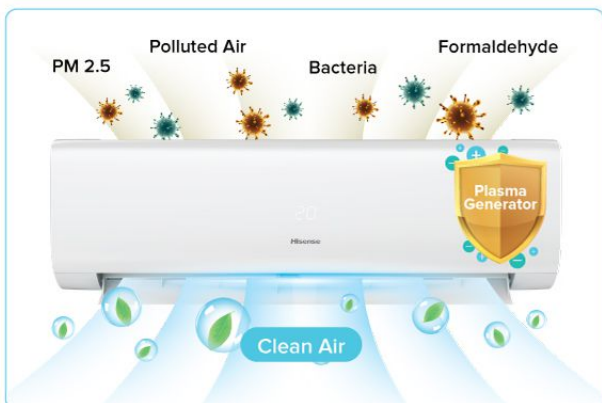
Auto Clean operation is recommended to be used once a week, frequency can be increased according to the living environment. Once Auto Clean operation finish, Clean indicator on remote controller will disappear automatically in 30 minutes.



Comfortable



■ Plasma Generator

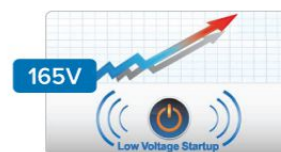


Long term exposure to particles can affect both your lungs and your heart. Hisense Plasma Generator release positive and negative ions help reduce PM2.5 air pollution, remove formaldehyde, kill bacteria and germs in the air, optimizing indoor air quality to maintain a healthy home environment for you and your family.

*For TU series only

■ Low Voltage Start

With ultra low voltage start function of Hisense air-conditioner, you can enjoy cool at any time, be free from the influence of power fluctuation.



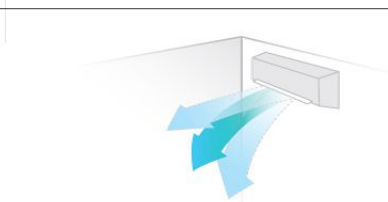
■ 4D Auto Swing

Louvers on Hisense air-conditioners can swing automatically in different directions, left, up and down, which will generate 4D air flow to make people in room comfortable.



■ Louver Works State Memory

When the power is turned off and turned on again, the operating state of horizontal louver will automatically move or static as you set last time.



■ Super Quiet Mode



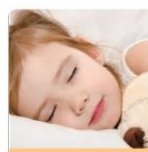
With special design air tunnel and advanced control technology, the new R32 Inverter AC noise reaches ultra low level, 19dB in Quiet mode. With the new design of the cross flow fan and the optimization of the air channel, the noise level can be lower down and make you feel more comfortable.

*Applicable for selected models



20dB(A)

Whisper



30dB(A)

30dB(A)
Noise Level
Have No Impact
on Sleep



40dB(A)

Quiet Library



70dB(A)

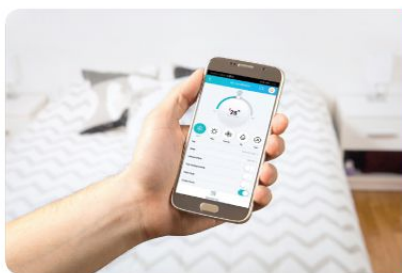
Street



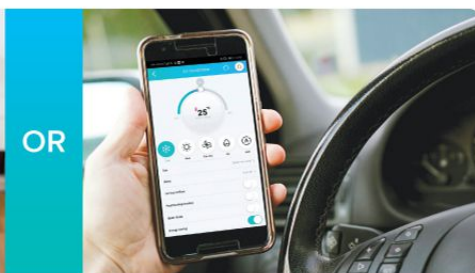
■ HiSmart Control (Optional)

Now you can set the air conditioner temperature wherever you are, to keep your home cool when return home. Install HiSmart Home App and control the air conditioner from your Smart phone!

*Wifi adapter need to be purchased separately.



Enjoy The Convenience At Home



Far Distance Control



HiSmart Home App is available for free on Google Play and IOS App Stores



■ Smart Mode



21°C or Below



23°C ~ 26°C Dry



Over 26°C Cooling

You only need to press 1 button to start the fuzzy logic operation which will give you comfortable enjoyment.

*Apply to all the models in this catalogue

■ I Feel

Set Temperature 26°C

Set Temperature 26°C



Hisense AC



Traditional AC

The Sensor in the wireless remote control allows it to sense the surrounding temperature and transmit the information to the indoor unit. The indoor unit operates according to the sensed temperature. Smart temperature controls present a more precise and comfortable environment while saving power.

*Apply to all the models in this catalogue

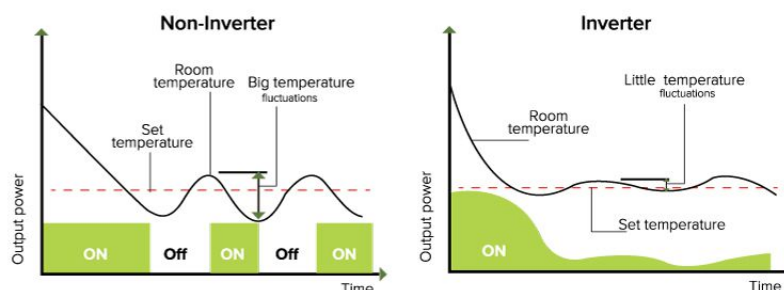


Energy Saving



■ Inverter Technology

Smart inverter air-conditioners can have high-efficiency in cooling and high-precision in maintaining room temperature by changing compressor rotation speed automatically, which can better cooling experience with lower electricity cost.



■ Energy saving up to 45%

Combined with the latest technology of Hisense, through a series of product optimization to ensure that the power consumption of Hisense air conditioner is significantly cut down.



Hisense Inverter Model	AI10TUGS	AI13TUGS	AI10KAGS	AI13KAGS	AI20KAGS	AI25KAGS
Horse Power (HP)	1.0HP	1.5HP	1.0HP	1.5HP	2.0HP	2.5HP
BTU	9,554	12,522	9,554	12,283	17,981	22,007
Average Energy Consumption Per Year (kWh)	854	1,153	963	1,290	1,961	2,338
Consumes less energy than the lowest 2-star product %	45%	43%	35%	34%	34%	38%
Energy Star						

Hisense Non-Inverter Model	AN10DBG2 AN10DKG1	AN13DBG1 AN13DKG	AN20DBG	AN25DBG	AN09CBG	AN12CBG
Horse Power (HP)	1.0HP	1.5HP	2.0HP	2.5HP	1.0HP	1.5HP
BTU	9,500	12,283	18,000	22,000	9,000	12,000
Average Energy Consumption Per Year (kWh)	1,357	1,721	2,675	3,325	1,363	1,614
Consumes less energy than the lowest 2-star product %	10%	8%	13%	12%	9%	13%
Energy Star						

* Source from Suruhanjaya Tenaga Malaysia



Safety & Durability



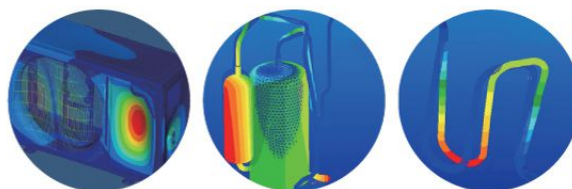
■ 100% Copper Pipes

All range of Hisense air-conditioners' evaporator and condenser are made by copper, instead of aluminum. Because compared with aluminum pipes, copper pipes have higher temperature and pressure resistance, which can ensure better operating safety, better hardness and weldability can ensure longer lifetime and easier maintenance.



■ Numerical Simulation Technology

Using leading numerical simulation analysis technology, engineer can simulate air conditioning system operation from initial designing stage, which can optimize system stability and minimize vibration and noise.



■ Double Fireproof Designing

In order to ensure the safe operation of electric circuit, Hisense air-conditioners' control boards are covered by fireproof coating and put into closed metal shell, to enhance electrical safety.



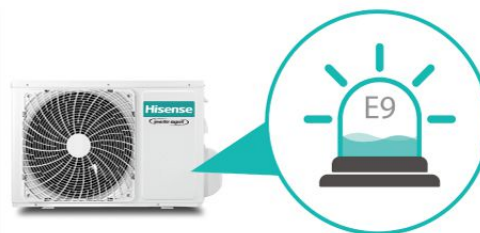
Outside Metal Shell



Internal Fireproof Plastic Case

■ Gas Leakage Detection

The indoor unit automatically stops when it detects refrigerant leakage and displays the error code.



■ Air Conditioner Warranty

Hisense is providing a 3 years general warranty for inverter air conditioner because of strong confidence in product quality and giving you a piece of mind.

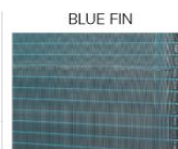


■ High Efficiency Fin Technology

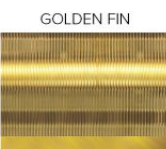
Using leading numerical simulation analysis technology during designing period, Hisense Golden & Blue Fin technology can improve the comprehensive performance of heat exchange effectively.



Outdoor Heat Exchanger Fin Design



* For model CB series



* For model TU, KA, DK, DB series



Environment Friendly



■ R32 Refrigerant

Compared with R32 and other HCFC refrigerant, R32 has lower ozone depletion potential with better cooling efficiency. This refrigerant will also reduce impact on global warming while working with lower power consumption.

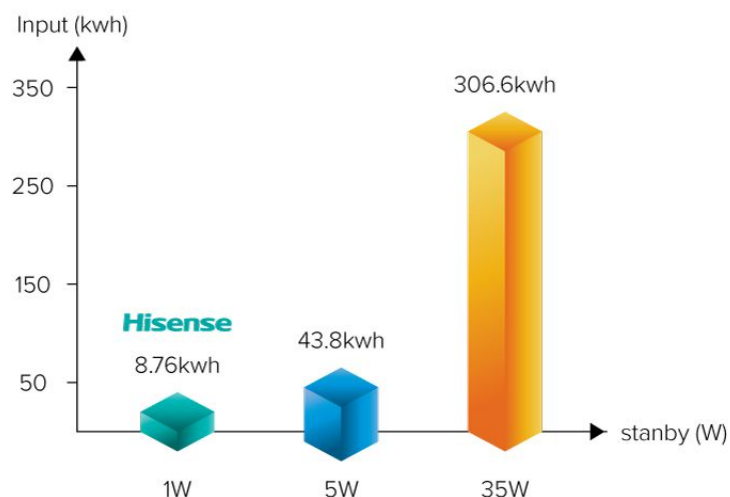


Refrigerant	R410A	R32 (NEW)	Why R32 Refrigerant is GOOD?
Ozone Depletion Potential (ODP)	0	0	Both R32 and R410A refrigerant has zero impact on the ozone layer, environmental friendly
Global Warming Potential (GWP)	2,088	675	R32 refrigerant provide low GWP to reduce carbon footprint, more environmental friendly
Composition	50% R32 50% R125	100% R32	R32 is a single component refrigerant, easier to produce and reuse

■ 1W Standby

Energy saving technology module adding Energy saving 1W standby function instruction, The Standby status maximum power consumption during the year is 8.76 kw.h.

Standby status: air conditioning boot waiting to accept remote command status (fan, compressor not started)



R-32

Air Conditioner Series



Inverter TU Series

1.0HP | 1.5HP

R32 Refrigerant
DC Inverter
LED Temperature Display
Plasma Generator
HiSmart Control (Optional)
Golden Fin
100% Copper Pipe
Energy Saving
Auto Clean



Inverter KA Series

1.0HP | 1.5HP | 2.0HP | 2.5HP

R32 Refrigerant
DC Inverter
LED Temperature Display
Ionizer Filter
Golden Fin
100% Copper Pipe
Energy Saving
Auto Clean



Standard DK Series

1.0HP | 1.5HP

R32 Refrigerant
LED Temperature Display
Golden Fin
4D Airflow
100% Copper Pipe
Energy Saving
Auto Clean



Standard DB Series

1.0HP | 1.5HP | 2.0HP | 2.5HP

R32 Refrigerant
LED Temperature Display
Ionizer Filter
Golden Fin
100% Copper Pipe
Energy Saving
Auto Clean



Standard CB Series

1.0HP | 1.5HP

R32 Refrigerant
LED Temperature Display
Blue Fin
100% Copper Pipe
Energy Saving
Auto Clean



R-32






SPECIFICATION

Series			Inverter - TU series		Inverter - KA series			
Model No.			AI10TUGS	AI13TUGS	AI10KAGS	AI13KAGS	AI20KAGS	AI25KAGS
Horse Power (HP)			1.0HP	1.5HP	1.0HP	1.5HP	2.0HP	2.5HP
Ratings	Energy Stars							
	Average Energy Consumption / Year (kWh)		854	1153	962.5	1289.7	1961.3	2338.1
	BTU		9554	12522	9554	12283	17981	22007
	Cooling Capacity	W	2800	3670	2800	3600	5270	6450
	Rated Input-Cooling	W	750	1000	830	1160	1850	2150
	Air Circulation (Indoor)	m3/h	550	650	550	550	750	1100
	EER for Cooling	W/W	3.73	3.67	3.37	3.10	2.85	3.00
	Refrigerant	Type	R32	R32	R32	R32	R32	R32
	Refrigerant Charge Volume	g	430	600	400	500	700	950
	Indoor Unit Noise Level, dB(A)	High	38	39	38	38	46	48
		Low	33	33	32	32	37	39
	Outdoor Unit Noise Level	dB (A)	49	49	49	49	56	56
Power Supply	Voltage, Frequency, Phase	V	220-240V~,50Hz,1P		220-240V~,50Hz,1P			
	Rated Current	Cooling (A)	3.4	4.4	3.6	5.0	7.7	9.4
	Maximal Pipe Length	m	25	25	25	25	25	25
	Maximal Heights' Interval	m	10	10	10	10	10	10
	LRA	A	--	--	--	--	--	--
	Degree of Protection(IN/OUT)	(IP)	IPX0/IPX4		IPX0/IPX4			
System	Compressor	Type	Rotary		Rotary			
		Overload Protector	Internal		Internal			
Pipe Diameter	Liquid Pipe	inch	1/4	1/4	1/4	1/4	1/4	3/8
	Gas Pipe	inch	3/8	3/8	3/8	3/8	1/2	5/8
Features	Evaporator & Condensor		Copper Tube and Aluminum Fin		Copper Tube and Aluminum Fin			
	Super Quiet (19 dB)		--		Yes	Yes	--	--
	High Efficiency Fin		Golden Fin		Golden Fin			
	Display on Front Panel		LED		LED			
	LCD Wireless Remote Controller		Yes		Yes			
	Removable and Washable Panel		Yes		Yes			
	Washable PP Filter		Yes		Yes			
	24 Hours Timer		Yes		Yes			
	5 Speed and Auto Indoor Fan Control		Yes		Yes			
	Vertical Auto Swing Louver		Yes		Yes			
	Horizontal Auto Swing Louver		Yes		Yes			
	Sleep Operation		Yes		Yes			
	Smart Function		Yes		Yes			
	Super Function		Yes		Yes			
	Auto Restart		Yes		Yes			
	Dimmer		Yes		Yes			
	2 Ways Draining Connection (Left & Right)		Yes		Yes			
Others	Net Dimensions W×H×D (mm)	Indoor Unit	866×270×213	866×270×213	798×256×191	798×256×191	896×300×214	1008×325×217
		Outdoor Unit	660×482×240	660×482×240	660×482×240	660×482×240	780×540×260	810×585×280
	Gross Weight (Kg)	Indoor Unit	10.5	11	8.5	8.5	12.0	13.5
		Outdoor Unit	23.5	26	24.5	25.0	32.0	36.0
	Net Weight (Kg)	Indoor Unit	8.5	9	7.3	7.3	10.0	11.0
		Outdoor Unit	21	24	22.0	22.5	29.0	33.0



SPECIFICATION

Series			Non-Inverter - DK series		Non-Inverter - DB series				Non-Inverter - CB series	
Model No.			AN10DKG	AN13DKG	AN10DBG2	AN13DBG1	AN20DBG	AN25DBG	AN09CBG	AN12CBG
Horse Power (HP)			1.0HP	1.5HP	1.0HP	1.5HP	2.0HP	2.5HP	1.0HP	1.5HP
Ratings	Energy Stars									
	Average Energy Consumption / Year (kWh)		1357	1721	1357	1721	2675	3325	1363	1614
	BTU		9500	12283	9500	12283	18000	22000	9000	12000
	Cooling Capacity	W	2785	3600	2785	3600	5275	6448	2640	3520
	Rated Input-Cooling	W	850	1100	850	1100	1730	2186	830	1050
	Air Circulation (Indoor)	m3/h	600	660	600	660	950	1200	580	600
	EER for Cooling	W/W	3.28	3.27	3.28	3.27	3.05	2.95	3.18	3.35
	Refrigerant	Type	R32	R32	R32	R32	R32	R32	R32	R32
	Refrigerant Charge Volume	g	410	550	410	550	1000	1250	400	630
	Indoor Unit Noise Level, dB(A)	High	38	39	38	39	45	45	38	39
		Low	32	34	32	34	36	36	32	32
	Outdoor Unit Noise Level	dB (A)	51	51	51	51	56	56	50	51
Power Supply	Voltage, Frequency, Phase	V	220-240V~,50Hz,1P		220-240V~,50Hz,1P				220-240V~,50Hz,1P	
	Rated Current	Cooling (A)	3.7	4.8	3.7	4.8	7.5	9.2	3.7	4.3
	Maximal Pipe Length	m	25	25	25	25	25	25	20	20
	Maximal Heights' Interval	m	10	10	10	10	10	10	10	10
	LRA	A	21	23.5	21	23.5	38	48	18	25
	Degree of Protection(IN/OUT)	(IP)	IPX0/IPX4		IPX0/IPX4				IPX0/IPX4	
System	Compressor	Type	Rotary		Rotary				Rotary	
		Overload Protector	Internal		Internal				Internal	
Pipe Diameter	Liquid Pipe	inch	1/4	1/4	1/4	1/4	1/4	3/8	1/4	1/4
	Gas Pipe	inch	3/8	1/2	3/8	1/2	1/2	5/8	3/8	1/2
Features	Evaporator & Condensor		Copper Tube & Aluminum Fin		Copper Tube & Aluminum Fin				Copper Tube & Aluminum Fin	
	Super Quiet (19 dB)		--		--				--	
	High Efficiency Fin		Golden Fin		Golden Fin				Blue Fin	
	Display on Front Panel		LED		LED				LED	
	LCD Wireless Remote Controller		Yes		Yes				Yes	
	Removable and Washable Panel		Yes		Yes				Yes	
	Washable PP Filter		Yes		Yes				Yes	
	24 Hours Timer		Yes		Yes				Yes	
	5 Speed and Auto Indoor Fan Control		Yes		Yes				Yes	
	Vertical Auto Swing Louver		Yes		Yes				Yes	
	Horizontal Auto Swing Louver		Yes		--				--	
	Sleep Operation		Yes		Yes				Yes	
	Smart Function		Yes		Yes				Yes	
	Super Function		Yes		Yes				Yes	
	Auto Restart		Yes		Yes				Yes	
	Dimmer		Yes		Yes				Yes	
	2 Ways Draining Connection (Left & Right)		Yes		Yes				Yes	
Others	Net Dimensions W×H×D (mm)	Indoor Unit	906×270×210	906×270×210	835×280×220	835×280×220	934×325×244	1100×325×244	790×255×200	790×255×200
		Outdoor Unit	660×482×240	715×486×240	660×482×240	715×486×240	810×585×280	860×650×310	660×482×240	715×540×240
	Gross Weight (Kg)	Indoor Unit	11	11	11	11	14.5	17	9	9
		Outdoor Unit	26	28.5	26	28.5	42.5	49	24.5	29
	Net Weight (Kg)	Indoor Unit	8.5	8.5	8.5	8.5	12.5	14.5	7.5	7.5
		Outdoor Unit	24	26	24	26	37.5	45	22.5	26.5



Fast Cooling



Strong
Dehumidification



24h Timer



Easy Installation

Portable
AP12NXG

Enjoy the Coolness Anytime and Anywhere



Ultra-quiet



Smart Mode



Strong
Dehumidification



Strong Cooling
Capacity

Portable
AP09KVG

R-32

Portable AC
Series



Auto Evaporative System

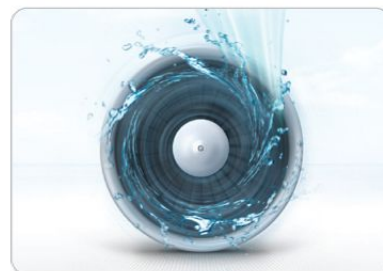
No drain required and better for cooling capacity, let you sleep well all night.



Condensate Circulation



Drain-free Design



3 Speed Fan

Three wind-sensing experiences to meet different needs.



High Speed



Mid Speed



Low Speed

*Only available on model AP12NXG



24h Timer (Remoter Function)

Set a timer to turn on or off automatically, simple and convenient operation.



Before Sleep



Timer



Fall Asleep



6h Later



Auto Off

Multi-purpose

Could be an air conditioner, fan or dehumidifier, just follow your choice.

*Only available on model AP12NXG



Air Conditioner



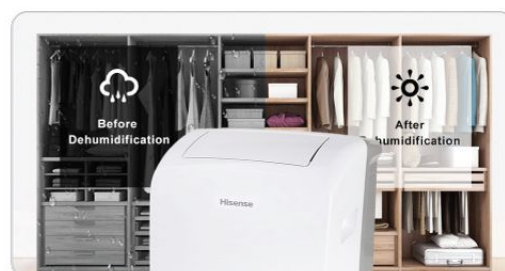
Fan



Dehumidifier

Strong Dehumidification

Absorb moisture with hydrophilic aluminum fin, better to dehumidify in the rainy season, give you an unexpected comfort experience.



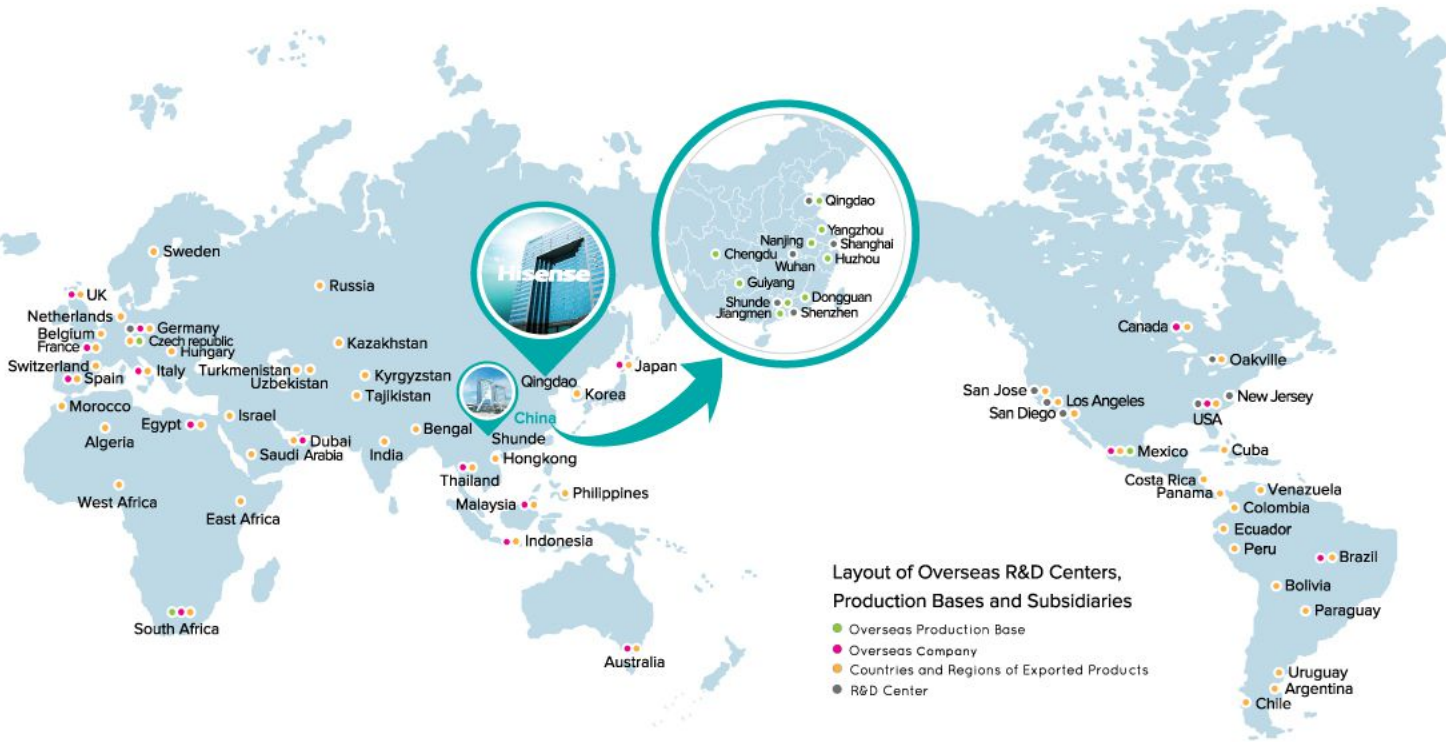


SPECIFICATION

Series			Portable AC 12K	Portable AC 9K
Model No.			AP12NXG	AP09KVG
Type			T1, Cooling Only	T1, Cooling Only
Ratings	Cooling Capacity	BTU	12000	9000
	Moisture Removal	L/H.r	2.4	2.1
	Air Circulation	m3/h	360	280
	EER for Cooling	W	3.31	2.68
	Refrigerant		R32	R32
	Refrigerant charge volume	g	300	235
	Indoor Unit Noise Level (Sound Pressure)	High(dB (A))	52	50.8
		Mid(dB (A))	51	/
		Low(dB (A))	50	48.2
Features	Unit Control type		Electronic	Electronic
	Fan Control		Button	Button
	Thermostat Control		Button	Button
	Display Type		LED	LED
	Sleep Mode		Yes (on the controller)	Yes (on the controller)
	Dry Mode (auto speed only)		Yes	Yes
	Water Full Indicator		Yes	Yes
	Auto Cool (auto fan in cooling)		Yes (on the controller)	Yes (on the controller)
	Smart Mode (remote access)		Yes (on the controller)	Yes (on the controller)
	Rapid Cool(Jet) Mode (lowest temp & high speed) - remote only		Yes (on the controller)	Yes (on the controller)
	Fan Only		Yes (3 Speed)	Yes (2 Speed)
	Cooling Speed Selections		3	2
	Timer- (24 Hr On/Off)		Yes (on the remote controller)	Yes (on the remote controller)
	Clock		Yes (on the remote controller)	Yes (on the remote controller)
	Air Swing (Motorized - Upward & Downward Motion)		Yes	No
	Auto-Restart		Yes	Yes
	Vent System		Single Duct	Single Duct



Hisense Marketing Network



With the products exported to over 130 countries and regions, Hisense has also sponsored the world's top sporting events such as UEFA EURO 2016, 2018 FIFA World Cup, UEFA EURO 2020 and FIFA World Cup 2022™. Hisense Group has 29 industrial parks and production bases, which are located in Qingdao, Shunde, Jiangmen, Yangzhou, Guiyang, Huzhou, Czech Republic, South Africa, Mexico and so on. There are also 20 R&D centers located in Qingdao, Shanghai, Shenzhen, USA, Europe, Israel, Japan, etc.

SPORTS SPONSORSHIPS



Hisense Malaysia Branches



HISENSE (MALAYSIA) SDN. BHD

Level 1, Oasis Wing, Brunsfield Oasis Tower 3, Oasis Square,
No. 2, Jalan PUJ 1A/7A, Oasis Damansara,
47301, Petaling Jaya, Selangor.

T: 603 7859 9550
www.hisense.com.my