

Hisense

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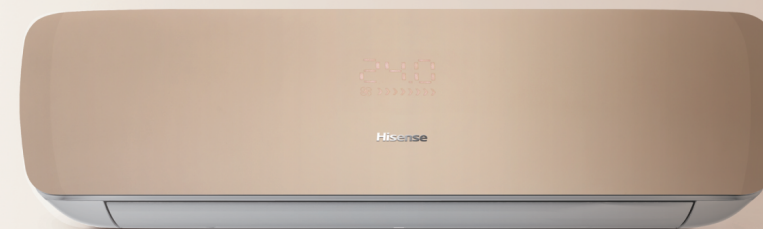


Note: Product design and specification subject to change without prior notice.

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Hisense



EUROPEAN Air Conditioner

— 2018 / 2019 —



Our Mission

Is to deliver an enhanced customer experience that exceeds expectations with every product we sell.

From our product's cutting-edge technology, superior performance, elegant & sophisticated design, and enduring reliability to the most trusted retail partners in the industry, nothing is ever compromised.

Step off the between path, choose Hisense, where innovation meets value.





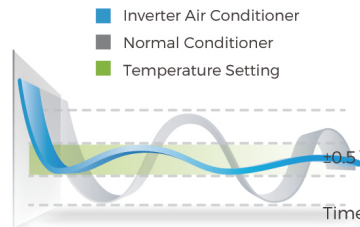
Hisense AC Inverter Expert

Hisense was the first to enter the inverter air conditioning field in China, and has since committed 20 years to the development and promotion of this technology. Being a pioneer of China's inverter AC industry, Hisense has accumulated unrivaled technology, experience and consumer trust over the years in this field. Hisense has always been at the forefront of the Inverter AC industry.





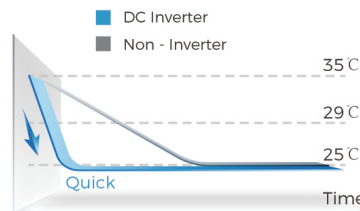
Hisense Inverter



Ultra Wide Frequency Control

(10~150Hz) ◀

With ultra wide frequency control technology, AC intelligently regulates operating frequency according to the temperature variation of environment. Control is more accurate ($\pm 0.5^{\circ}\text{C}$) to prevent the room temperature from fluctuating and ultimately keep you comfortable.



Fast Cooling

Unique weak magnetic control technology is used to operate at high frequency under high temperature ambience, which achieves greater cooling capacity and increases the cooling rate by 25%.



-15°C Heating & Cooling

Know how you can feel the warmth of the sun even in a cold winter environment? Our Heating & Cooling feature gives a similar sensation. Being able to provide heat in -15°C ambient temperature is supported by our preheating technology and electric heating chassis technology. Special cooling at -15°C is widely used to maintain the room temperature.



Ultra Quiet

Based on the principles of air flow and acoustics, we were able to optimize the structure of the inner air duct to reduce noise. Our technology effectively eliminates noise interference and allows your family to sleep undisturbed when operating at night.



8°C Special Heating

In frigid living conditions, our Special Heating mode keeps your home from freezing by maintaining it at 8°C ambient temperature when you're away from home for long periods.

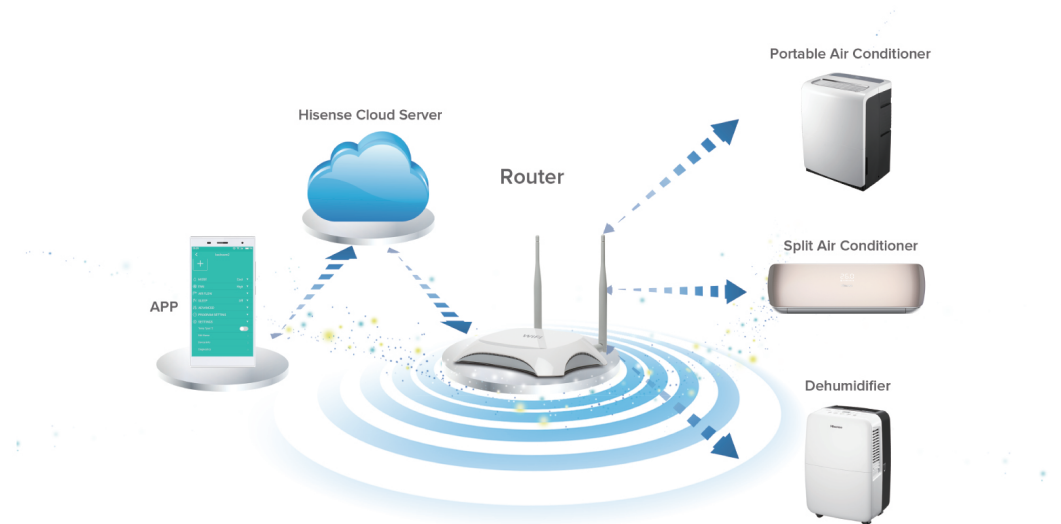


High Efficiency & Energy Saving

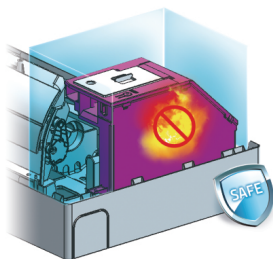
By using 3D inverter technology, combined with an optimized inner air duct and an advanced inter grooved tube and louver fin, our ACs gain a significant boost in energy efficiency that reduce annual power consumption by 30%.



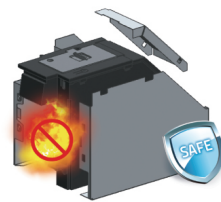
Reliable &
Smart



Max Safe Metal Control Box ▶



Outside Metal Shell



Internal Fireproof Plastic Case

Intelligent Wifi Control ▶

Conveniently control your air conditioner anywhere in your home with just your mobile phone and a WIFI connection.



Self Diagnosis & Automatic Protection ◀

Our air conditioners have a real-time monitoring process and can immediately self-diagnose itself in the event of a malfunction by displaying an error code. Additionally, with Automatic Protection technology, our ACs can initiate emergency power downs when close to system overload.



Convenient APP ◀

An easy to use app and friendly user interface to maintain the temperature of your home allows you to have peace of mind while away. Our AC apps are available for iOS and Android phones.



Health & Comfortable



Easy Installation

Gas and liquid Pipes can be connected when AC hang on the wall with unique easy installation structure, which is convenient and efficiency.

16.5dB(A)



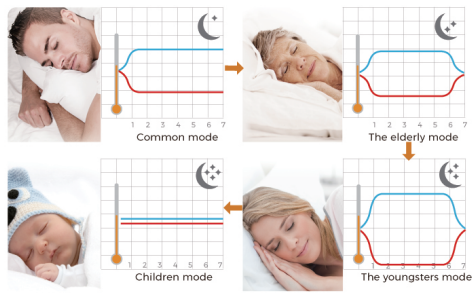
Whisper	30dB(A) Noise Level Have No Impact on Sleep	Quiet Library	Street
20dB(A)	30dB(A)	40dB(A)	70dB(A)

Super Quiet Mode ◀

With a specially designed air tunnel and advanced control technology, the new inverter AC keeps noise to a minimum at an ultra low level 16.5dB while set in Super Quiet Mode. The newly designed cross flow fan and optimized air channel also help to lower noise to keep you undisturbed.

Best Temperature For a Goodnight Sleep ▶

Sweet dreams come true with 4 sleeping modes.

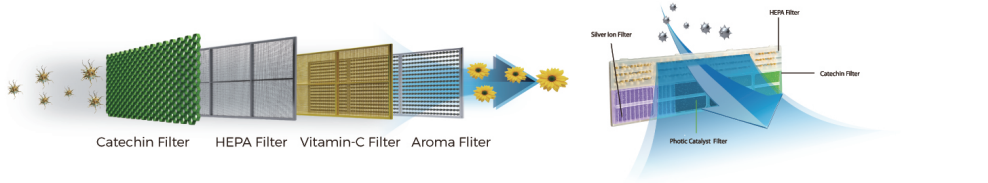


Nano ▶

Sterilize bacteria effectively and make a large number of water molecules in the air, which provide comfort to the skin especially in dry weather, as if the natural SPA.



All-around Healthy Protection: 4-in-1 Filter ▼



Vitamin-C Filter

Emits Vitamin C through the air to everyone, makes your skin more beautiful.

Catechin Filter

The Catechin Filter removes odors and eliminates dirt and particles found in the air and room.

Silver Ion Filter

Sterilize bacteria effectively by destroying their inner configuration.

Photic Catalyst Filter

Eliminates pyococcus, germs, odors. And it is easily replenished by placing it in sunlight for 6-8 hours.

HEPA Filter


The HEPA Filter effectively eliminates pollen, mill dust and pneumo-bacillus, bringing fresh and healthy air to you.

Aroma Filter


This air-conditioner can make your room smell heavenly when you add your preferred perfume to the Aroma Filter.

More Features

Energy Saving ▾



Twin Rotary DC Inverter Compressor
The twin rotary inverter compressor design reduces friction during operation for smoother rotation with less vibration, while also preventing leakage of refrigerant gas during compression. The result is a far quieter and more efficient air conditioner.




Electronic Expansion Valve
Inserted inside the outdoor unit is the electronic expansion valve, which has the function of regulating and optimizing the refrigerant quantity of all working indoor units according to the needs of the moment.



Soft Start
Because the starting current is very high, some home appliances may not run smoothly when the AC starts. A soft start solves the problem.



High Efficient Layout
The layout of this exchanger creates a bigger heat-exchanging surface that allows for better thermal efficiency.



Full Process by DC Drive
Digital control, DC Compressor, DC indoor motor, DC outdoor motor, and DC Electronic expansion valve make low noise and high efficiency.



Golden Fin
Anti-corrosion, better hydrophilic coating, higher heat exchange efficiency.



Self Evaporative System



1W standby

Health ▾




Independent Dehumidifier



Anti-Cold Air Function
Prevent blowing cool air when the temperature of the evaporator is too low.



30%-80% Free humidity setting




Hi Density Filter




Anti Mildew Running
After turning the AC off, the indoor fan will continue running for 30 seconds and dry condensation in the indoor unit, keeping mildew from growing.



Multi-Layer Air Purifying Technology




Cold Plasma Generator
The Cold Plasma Ion Generator breaks down air molecules into positive and negative ions. In the process of forming and breaking down positive and negative ions, the re-generated discharge energy oxidizes and sterilizes dust and bacterial molecules. This will keep the air clean & fresh.




Environment Friendly Gas

Comfort ▾



Wide-Angle Louvers
Smoothly curved Wide-Angle Louvers provide wide airflow coverage and cooling/heating no matter where the indoor unit is placed.



Low Voltage Running
Works perfectly while running on low voltage.




Super Cooling
Press the "SUPER" button on the remote controller to immediately feel the cool air you desire.



I Feel
The remote control measures the room temperature and relays the information to the unit to adjust to the proper station.


Lifestyle Convenience ▾




Smart Running
Once you press the "SMART" button on the remote control, the AC will run at the most comfortable mode according to the room temperature.



24hr Timer
Set a specific time during the day to have the AC automatically turn on or off.




Dimmer
Press this button to shut off the display light on the front panel.



Emergency Operation
A convenient ON/OFF switch on the indoor unit that allows you to start up the system without the remote control.

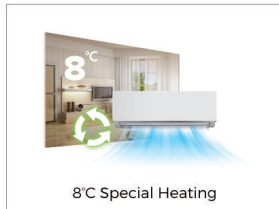








Easy Cleaning Panel and PP Filter
The panel and filter can be easily detached for cleaning.



Auto Restart Function
The AC will resume operation as soon as power is restored without manually resetting the controls.

Noble



- 
 Super Cooling & Heating
- 
 Self Diagnosis and Auto Protection Function
- 
 Healthy Filters
- 
 Smart Running
- 
 5 Level Fan Speed
- 
 Precise Temp Control

Model		AST-09UW4RVEDB00	AST-12UW4RVEDB00	AST-18UW4RXADB00	AST-24UW4RBBDB00
Cooling Capacity	W	2600(800-3500)	3500(1000-4100)	5000(2500-5750)	7000(2500-8000)
Heating Capacity	W	2800(800-3500)	4000(1000-4300)	5600(2250-6250)	7100(2500-8000)
SEER		6.1	6.1	6.1	6.3
SCOP		4.0	4.0	4.0	4.0
Energy Class	Cooling	A++	A++	A++	A++
	Heating	A+	A+	A+	A+
Voltage,Frequency,phase	V-Hz,ph	220V/50HZ/1PH	220V/50HZ/1PH	220V/50HZ/1PH	220V/50HZ/1PH
Indoor unit	W × H × D mm	870 × 335 × 265	870 × 335 × 265	1000 × 390 × 315	1170 × 390 × 315
Outdoor unit	W × H × D mm	830 × 530 × 315	830 × 530 × 315	940 × 630 × 385	995 × 720 × 420
20/40/40HQ	20/40/40HQ sets	146/302/335	146/302/335	86/174/197	63/131/150

LIGHT COMMERCIAL

AIR CONDITIONER



High Intelligent Control System

Wired Controller: YXC-A02U(E) ▶

Features

LCD screen
Compact structure
Built-in wireless receiver inside, two kinds of control mode for selection

Main Functions

- Cooling/ Heating/ Dry/ Fan/ Auto fan
- Temperature Setting
- Timer/Sleep
- Check
- Wireless remoter receiver
- Error code display
- Operation Monitor

Specification

Model Name	YXC-A02U(E)
Power Supply	DC 12-17V
Outer Dimensions	86 × 86 × 15
Max Connectable IDU Number	1



Wired Controller: YXE-C01U ▶

Features

LCD screen
Fashion appearance with crystal panel and keys
Built-in wireless receiver inside, two kinds of control mode for selection

Main Functions

- Cooling/ Heating/ Dry/ Fan/Auto fan
- Temperature Setting
- Timer/ Sleep
- Weekly Setting
- Error Code Display
- Operation Monitor
- Air Filter Cleaning Reminding
- Wireless remoter receiver
- Temperature Range Limit
- Check
- C / F
- Clock
- Flap Direction
- Mode Lock

Specification

Model Name	YXE-C01U
Power Supply	DC 12-17V
Outer Dimensions	120 × 120 × 20
Max Connectable IDU Number	1



Wired Controller: YXE-C02U(E) ▶

Features

LCD screen
Fashion appearance with crystal panel and keys

Main Functions

- Cooling/ Heating/ Dry/ Fan/ Auto fan
- Temperature Setting
- Timer/ Sleep
- Weekly Setting
- Error Code Display
- Operation Monitor
- Air Filter Cleaning Reminding
- Central Control
- Temperature Range Limit
- Check
- C / F
- Clock
- Flap Direction
- Mode Lock

Specification

Model Name	YXE-C02U(E)
Power Supply	DC 12-17V
Outer Dimensions	120 × 120 × 20
Max Connectable IDU Number	1



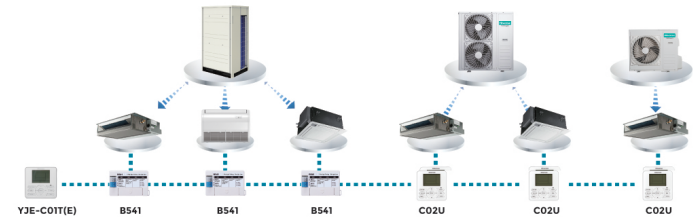
Central Controller: YJE-C01T(E) ▶

Features

LCD screen
Fashion appearance with crystal panel and keys

Main Functions

- Cooling/ Heating/ Dry/ Fan/Auto fan
- Temperature Setting
- Timer/ Sleep
- Weekly Setting
- Error Code Display
- Operation Monitor
- Central Control
- Address Setting
- Temperature Range Limit
- Check
- C / F
- Clock
- Flap Direction
- Mode Lock



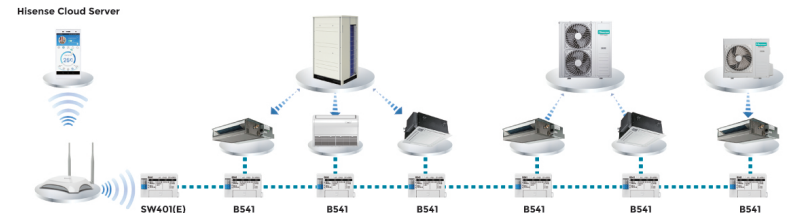
Specification

Model Name	YJE-C01T(E)	YXE-C02U(E)	B541(E)
Power Supply	AC 175-264V	AC 175-264V	DC 12-17V
Outer Dimensions	120 × 120 × 20	120 × 120 × 20	80 × 80 × 15
Max Connectable IDU Number	16	1	1

Wifi Central Controller AIH-SW401(E) ▶

Main Functions

- Cooling/ Heating/ Dry/ Fan/ Auto fan
- Temperature Setting
- Timer/ Sleep
- Error Code Display
- Operation Monitor
- Central Control
- Address Setting
- Temperature Range Limit
- Check
- Clock
- Flap Direction
- APP Software control



Specification

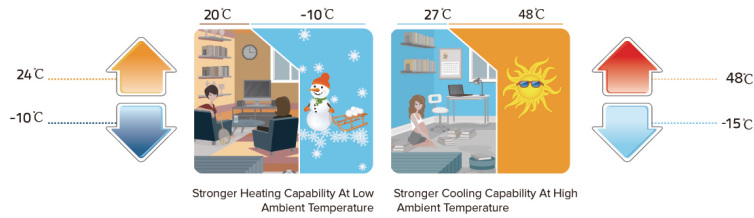
Model Name	AIH-SW401(E)	B541(E)
Power Supply	AC 175-264V	DC 12-17V
Outer Dimensions	80 × 80 × 15	80 × 80 × 15
Max Connectable IDU Number	16	1

Light Commercial Technology

Technology & Feature

Wide Operating Range

Outdoor Unit: Heating: -10~24°C, cooling: -15~48°C



High Efficiency

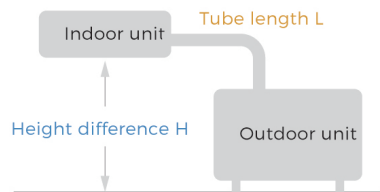
360° High efficiency DC inverter twin rotary compressor

360° DC inverter drives technology, achieves true consistency, minimizes energy loss, and then the compressor will run.



The Control Technique For Oil Recycle

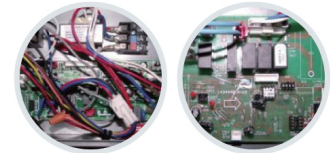
Height difference & long piping design, making installation easier.



Model	Max. Tube Length L	Max. Tube Difference H	Add. Refrigerant exceed 5m
18k	20m	15m	15g/m
24k	30m	20m	35g/m
36k	50m	30m	35g/m
48k/60k	50m	30m	35g/m

Dual Core PCB Board

More concise control: With Dual PCB control, the system reads the operating status timely in order to achieve optimal control and smart defrosting, among other things. Comprehensive power protection: With Dual PCB control, the system will prevent the damage and danger that could be caused by an improper power input.



IDU PCB

ODU PCB



Hotel Room Card Control

Room card



Fire Linkage Control

Smoke sensor



R32 Inverter Series

Duct Type

Optional Static Pressure

18k: optional 10Pa & 30Pa static pressure, each unit can be installed in two ways.
 10Pa: Straight Air Flow without external duct
 30Pa: External duct placed on air discharge
 Two installation methods by changing wiring connection.
 Note: Default factory settings set to 10pa.

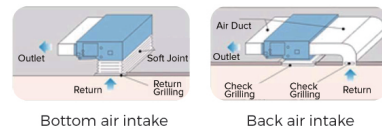


Front air flow, bottom air intake

Front air flow, back air intake

2 Ways of Air Intake

If the distance between the unit and wall is limited, you can choose the bottom air intake by tearing down the bottom board unit for ease and more flexibility.
 Note: The bottom air intake is 5dB higher than the back air intake, so it's recommended to use the latter.



Bottom air intake

Back air intake

Slim Design



At a height of 190mm, this unit can be installed inside low ceiling residential buildings.

Built-in Drain Pan



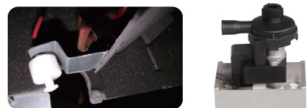
Built-in Drain Pan

Outside Drain Pan

Disadvantage of outside drain pan: Dust and bacteria may easily accumulate in the pan, which may cause leakage in long term use.
 Hisense built-in drain pan design: will be clean and durable.

Water Level Switch & Water Pump

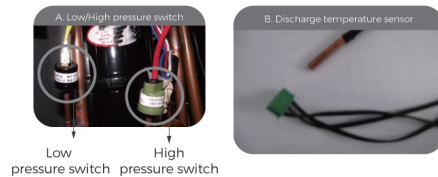
If the water pump faces up with an issue that may cause water level to rise to a certain level, the unit will turn it off and release the water.



Water Pump is optional for duct type unit

Safety Protection

Ensure that the compressor operates in the safe range, and prevent damage caused by refrigerant leakage.



Low pressure switch High pressure switch



Model		ADT-18UX4RSCL4	AUD-24UX4RFCL4	AUD-36UX4RADH4	AUD-48UX6RPHH4	AUD-60UX6RPHH4	
Indoor model		ADT-18UX4RCL4	AUD-24UX4RCL4	AUD-36UX4RDH4	AUD-48UX4RHH4	AUD-60UX4RHH4	
Outdoor model		AUW-18U4RS4	AUW-24U4RF4	AUW-36U4RA4	AUW-48U6RP4	AUW-60U6RP4	
Average	Pdesignc	kW	5300	7200	10500	14400	17500
	SEER		6.36	6.43	6.36	6.11	6.11
	Energy Efficiency Class		A++	A++	A++	A++	A++
	Pdesignh	kW	4800	6000	8600	12400	11000
	SCOP		4.40	4.18	4.01	4.01	4.01
	Energy Efficiency Class		A+	A+	A+	A+	A+
Cooling	Capacity	Btu/ h	5300	7200	10500	14400	17500
	Input	W	1611	2229	3750	4832	6228
	EER	W/ W	3.29	3.23	2.8	2.98	2.81
Heating	Capacity	Btu/ h	5800	8395	12000	17300	18500
	Input	W	1538	2263	3604	4915	5522
	COP	W/ W	3.77	3.71	3.33	3.52	3.35
Indoor air flow Rated(Hi/ Med/ Lo)	m ³ / h	900/840/730	1100/976/852	1800/1600/1400	2400/2200/1900	2400/2200/1900	
ESP	Rated	Pa	35	35	37	50	50
	Range	Pa	0-50	0-50	0-120	0-120	0-120
Indoor noise level (Hi/ Med/ Lo)	dB(A)	35/33/31	38/36/34	39/36/35	46/43/40	46/43/40	
Indoor unit	Dimension (W × H × D)	mm	1180 × 190 × 445	1180 × 190 × 445	1140 × 268 × 720	1300 × 350 × 800	1300 × 350 × 800
	Packing(W × H × D)	mm	1350 × 285 × 565	1350 × 285 × 565	1365 × 375 × 870	1550 × 410 × 940	1550 × 410 × 940
	Net/ Gross weight	kg	30/35	32/37	51/60	51/60	51/60
Controller		Wired control	Wired control	Wired control	Wired control	Wired control	
Qty/per 20' /40' /40'HQ	Indoor unit	160/340/374	160/340/374	35/75/90	35/75/90	35/75/90	
Compressor	Model	KTNI50D42UFZ	KTM240D57UMT	KTF310D43UMT	KTF400D64UMT	KTQ420DIUMU	
	Type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
	Brand	GMCC	GMCC	GMCC	GMCC	GMCC	
Outdoor noise level	dB(A)	54	53	56	56	57	
Outdoor unit	Dimension(W × H × D)	mm	810 × 585 × 280	860 × 670 × 310	950 × 840 × 340	950 × 1386 × 340	950 × 1386 × 340
	Packing(W × H × D)	mm	940 × 640 × 420	990 × 730 × 450	1110 × 910 × 460	1110 × 1530 × 460	1110 × 1530 × 460
	Net/ Gross weight	kg	34/38.5	51/57	70/80	113/125	117/129
	Liquid side/ Gas side	inch	1/4' 1/2'	3/8' 5/8'	3/8' 3/4'	3/8' 3/4'	3/8' 3/4'
Qty/per 20' /40' /40'HQ	Outdoor unit	102/204/272	90/186/186	52/106/106	26/53/53	26/53/53	

R32 Inverter Series

Cassette

Low Noise Fan



18k

New design of the vortex fan



24k/36k/48k/60k

The new vortex fan optimizes the air tunnel to lower noise and provide smoother air flow.

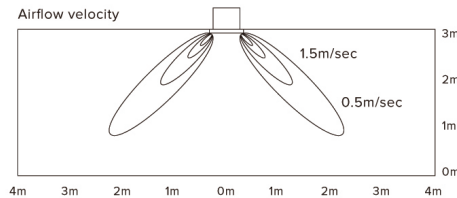
DC Fan Motor



- 24k/36k/48k/60k: The DC Fan Motor gives you high efficiency and energy savings.
- Low Noise: AC motors will produce low frequency noise during operation, but the DC motor eliminates this altogether.
- Stable operation

Temperature Compensation of Cassette

For cassette type heating modes, most people don't always feel warm enough because the hot air stays at the top level. Hisense Cassette brings 4 level temperature compensation through a DIP switch.



18000 Btu/h



24000 Btu/h
36000 Btu/h



48000 Btu/h
60000 Btu/h

Model			ACT-18UR4RSCA4	AUC-24UR4RFGB4	AUC-36UR4RAGB4	AUC-48UR6RPHB4	AUC-60UR6RPHB4
Indoor model			ACT-18UR4RCA4	AUC-24UR4RGB4	AUC-36UR4RGB4	AUC-48UR4RHB4	AUC-60UR4RHB4
Outdoor model			AUW-18U4RS4	AUW-24U4RF4	AUW-36U4RA4	AUW-48U6RP4	AUW-60U6RP4
Average	Pdesignc	kW	5200	7300	10700	14400	17200
	SEER		6.60	6.59	6.30	6.11	6.11
Energy Efficiency Class			A++	A++	A++	A++	A++
	Pdesignh	kW	4900	6000	8600	12400	13500
	SCOP		4.40	4.41	4.11	4.01	4.01
Energy Efficiency Class			A+	A+	A+	A+	A+
Cooling	Capacity	Btu/ h	5200	7300	10700	14400	17200
	Input	W	1552	2097	3677	4832	6121
	EER	W/ W	3.35	3.48	2.91	2.98	2.81
Heating	Capacity	Btu/ h	5800	8335	11500	17000	20000
	Input	W	1490	2176	3275	4885	6579
	COP	W/ W	3.89	3.83	3.51	3.48	3.04
Indoor air flow Rated(Hi/ Med/ Lo)	m ³ / h		900/840/730	1100/976/852	1600/1300/1000	2000/1900/1700	2000/1900/1700
ESP	Rated	Pa	NA	NA	NA	NA	NA
	Range	Pa	NA	NA	NA	NA	NA
Indoor noise level (Hi/ Med/ Lo)	dB (A)		35/33/31	43/40/36	49/45/42	52/45/41	52/46/44
Indoor unit	Dimension (W × H × D)	mm	570 × 215 × 570	840 × 248 × 840	840 × 248 × 840	840 × 298 × 840	840 × 298 × 840
	Packing(W × H × D)	mm	750 × 265 × 750	996 × 370 × 956	996 × 370 × 956	996 × 420 × 956	996 × 420 × 956
	Net/ Gross weight	kg	20/26	25/34	27/36	32/41	32/41
Controller			Remote control	Remote control	Remote control	Remote control	Remote control
Qty/per 20' /40' /40'HQ	Indoor unit		150/320/392	72/144/168	72/144/168	60/120/144	60/120/144
Compressor	Model		KTNI50D42UFZ	KTM240D57UMT	KTF310D43UMT	KTF400D64UMT	KTQ420DIUMU
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC
Outdoor noise level	dB (A)		54	53	56	56	57
Outdoor unit	Dimension(W × H × D)	mm	810 × 585 × 280	860 × 670 × 310	950 × 840 × 340	950 × 1386 × 340	950 × 1386 × 340
	Packing(W × H × D)	mm	940 × 640 × 420	990 × 730 × 450	1110 × 910 × 460	1110 × 1530 × 460	1110 × 1530 × 460
	Net/ Gross weight	kg	45/49	51/57	70/80	113/125	117/129
	Liquid side/ Gas side	inch	1/4' 1/2'	3/8' 5/8'	3/8' 3/4'	3/8' 3/4'	3/8' 3/4'
Qty/per 20' /40' /40'HQ	Outdoor unit		102/204/272	90/186/186	52/106/106	26/53/53	26/53/53

R32 Inverter Series

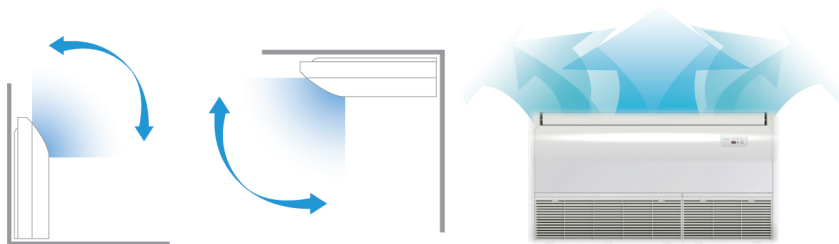
Ceiling & Floor

Two Types Installation

Fashionable design and streamlined appearance. Huge air outlet with an integrative large louver. High air volume and low noise.



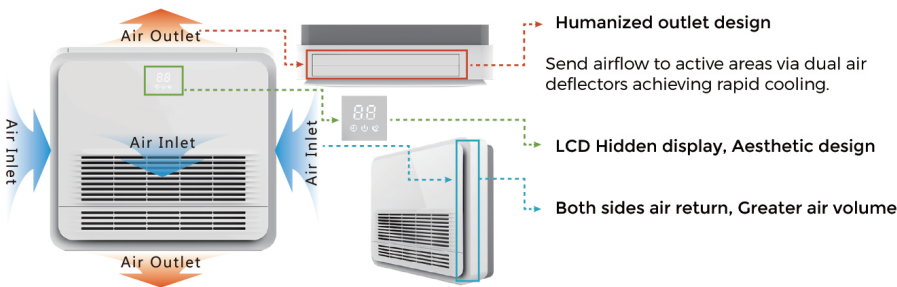
3D Air Flow Provides You More Comfort



Model	AVT-18UR4RSA4	AUV-24UR4RFA4	AUV-36UR4RAB4	AUV-48UR6RPC4	AUV-60UR6RPC4	
Indoor model	AVT-18UR4RA4	AUV-24UR4RA4	AUV-36UR4RB4	AUV-48UR4RC4	AUV-60UR4RC4	
Outdoor model	AUW-18U4RS4	AUW-24U4RF4	AUW-36U4RA4	AUW-48U6RP4	AUW-60U6RP4	
Average Pdesignc	kW	5000	6900	10100	14300	17000
SEER		6.33	6.11	6.11	6.11	6.11
Energy Efficiency Class		A++	A++	A++	A++	A++
Pdesignh	kW	5000	6000	8600	12200	13500
SCOP		4.41	4.18	4.1	4.01	4.01
Energy Efficiency Class		A+	A+	A+	A+	A+
Cooling Capacity	Btu/ h	5000	6900	10100	14300	17000
Input	W	1548	2136	3633	4799	6050
EER	W/ W	3.23	3.23	2.78	2.98	2.81
Heating Capacity	Btu/ h	5500	7800	11700	16700	18000
Input	W	1482	2102	3545	5045	6000
COP	W/ W	3.71	3.71	3.30	3.31	3.00
Indoor air flow Rated (Hi/ Med/ Lo)	m ³ / h	800/690/590	1100/950/800	1700/1500/1300	2000/1600/1200	2000/1700/1500
ESP Rated	Pa	NA	NA	NA	NA	NA
ESP Range	Pa	NA	NA	NA	NA	NA
Indoor noise level (Hi/ Med/ Lo)	dB (A)	41/37/34	51/48/45	52/51/49	53/48/42	53/50/47
Indoor unit Dimension (W × H × D)	mm	990 × 230 × 680	990 × 230 × 680	1285 × 230 × 680	1580 × 230 × 680	1580 × 230 × 680
Packing (W × H × D)	mm	1100 × 350 × 820	1100 × 350 × 820	1400 × 350 × 820	1690 × 350 × 820	1690 × 350 × 820
Net/ Gross weight	kg	29/34	30/35	37/44	48/56	50/58
Controller		Remote control	Remote control	Remote control	Remote control	Remote control
Qty/per 20' /40' /40'HQ	Indoor unit	84/168/196	84/168/196	42/84/98	42/84/98	42/84/98
Compressor Model		KTN150D42UFZ	KTM240D57UMT	KTF310D43UMT	KTF400D64UMT	KTQ420D1UMU
Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Brand		GMCC	GMCC	GMCC	GMCC	GMCC
Outdoor noise level	dB (A)	54	53	56	56	57
Outdoor unit Dimension (W × H × D)	mm	810 × 585 × 280	860 × 670 × 310	950 × 840 × 340	950 × 1386 × 340	950 × 1386 × 340
Packing (W × H × D)	mm	940 × 640 × 420	990 × 730 × 450	1110 × 910 × 460	1110 × 1530 × 460	1110 × 1530 × 460
Net/ Gross weight	kg	45/49	51/57	70/80	113/125	117/129
Liquid side/ Gas side	inch	1/4' 1/2'	3/8' 5/8'	3/8' 3/4'	3/8' 3/4'	3/8' 3/4'
Qty/per 20' /40' /40'HQ	Outdoor unit	102/204/272	90/186/186	52/106/106	26/53/53	26/53/53

Two Types Installation

Fashionable design and streamlined appearance. Huge air outlet with an integrative large louver. High air volume and low noise.



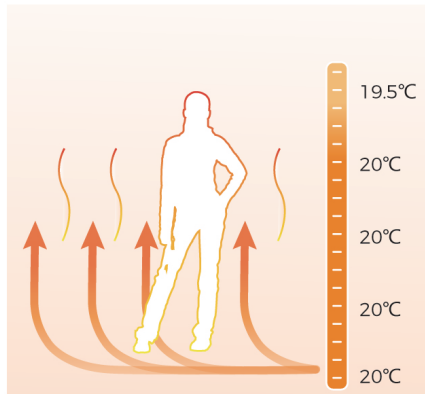
Cooling

The upper and lower air vents are opened at the same time for comfortable and fast cooling.



Heating

The upper air outlet covers human activity area and the lower air outlet covers floor for more comfortable.



Model			AKT-09UR4RRK4	AKT-12UR4RSK4	AKT-18UR4RSK4
Indoor model			AKT-09UR4RK4	AKT-12UR4RK4	AKT-18UR4RK4
Outdoor model			AUW-09U4RR4	AUW-12U4RS4	AUW-18U4RS4
Average	Pdesignc	kW	2800	3520	4850
	SEER		6.51	6.52	6.2
	Energy Efficiency Class		A++	A++	A++
	Pdesignh	kW	2200	3520	4800
	SCOP		4.49	4.1	4.1
	Energy Efficiency Class		A+	A+	A+
Cooling	Capacity	Btu/ h	2800	3520	4850
	Input	W	782	1005	1500
	EER	W/ W	3.58	3.50	3.23
Heating	Capacity	Btu/ h	3095	3800	5200
	Input	W	770	995	1400
	COP	W/ W	4.02	3.82	3.71
Indoor air flow Rated(Hi/ Med/ Lo)	m ³ / h		600/520/450	600/520/450	600/520/450
ESP	Rated	Pa	NA	NA	NA
	Range	Pa	NA	NA	NA
Indoor noise level (Hi/ Med/ Lo)	dB(A)		39/36/31	39/36/31	39/36/31
Indoor unit	Dimension (W × H × D)	mm	700 × 630 × 220	700 × 630 × 220	700 × 630 × 220
	Packing(W × H × D)	mm	840 × 730 × 340	840 × 730 × 340	840 × 730 × 340
	Net/ Gross weight	kg	15/19	15/19	15/19
Controller			Remote control	Remote control	Remote control
Qty/per 20' /40' /40'HQ	Indoor unit		154/308/308	154/308/308	154/308/308
Compressor	Model		KSK103D59UFZ	KSN108D43UFZA	KTN150D42UFZ
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC
Outdoor noise level	dB(A)		50	52	54
Outdoor unit	Dimension(W × H × D)	mm	730 × 536 × 260	810 × 585 × 280	810 × 585 × 280
	Packing(W × H × D)	mm	860 × 600 × 400	940 × 420 × 640	940 × 640 × 420
	Net/ Gross weight	kg	28.5/32.5	34/38.5	34/38.5
	Liquid side/ Gas side	inch	1/4' 3/8'	1/4' 3/8'	1/4' 1/2'
Qty/per 20' /40' /40'HQ	Outdoor unit		102/213/292	102/204/272	90/186/186

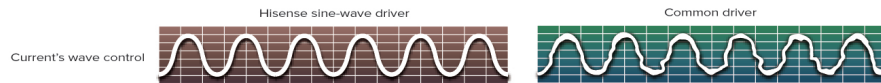
Free Match

Free Match Technology

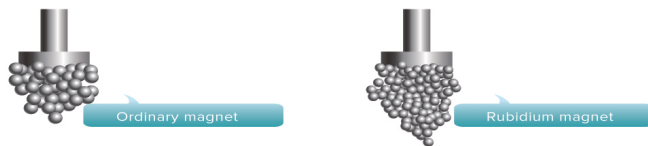
The Free Match products are ideal where an individual indoor unit is required in each room, i.e., a living room and 3 bedrooms. The Systems allow one outdoor unit to be connected up to a wide variety of 2,3 or 4 indoor units including Wall Mounted, Duct and Cassette, depending on the model.

The Latest 180° Sine Wave DC Drive Technique

The application of 180° sine wave DC inverter driven technique ensure the output current to be a smooth sine wave curve, and accordingly enables compressor to operate smoothly with efficiency dramatically increased. At the same time, both harmonic current and electromagnetic noise are suppressed.



Hi-efficiency Double-rotary Compressor Equipped Rubidium Magnet



The Control Technique For Oil Recycle

Micro-computer may auto analyze the position where oil may stay. Through adjusting compressor's speed and electronic-expansion valve, controlling the flow speed of refrigerant, recycle oil to compressor, and ensure compressor can run reliably.

Electronic Expansion Valve

Outdoor unit uses 4 electronic expansion valves, which has the function of regulating and optimizing the refrigerant quantity to all the working indoor unit.

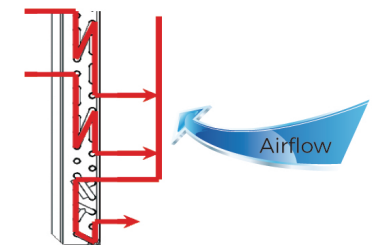


Wide Power Voltage Operation

The unit can fit wide voltage range from 176V to 264V. In the previous model, the current protection value is fixed, but the voltage usually fluctuates, which leads the frequency to deviate from optimization. For the new model, the application of auto-adapt voltage technique makes the current protection value adjust to the voltage, and this keeps the frequency in optimize value all the time.

New Path Design Improve the Efficiency of Exchanger

- 1.Reverse path design makes the exchanger's efficiency improve greatly.
- 2.Rearend of the path are super cooling paths, which can improve the cooling capacity and added the length of pipes between indoor and outdoor. While heat is running, this can prevent base pan from ice block.



Free Match

Free Match Technology

Features



24h Timer



Emergency Operation



Self-Diagnosis and Auto Protection Function



Dimmer



Easy Cleaning Panel and PP Filter



Anti Mildew Running



Cold Plasma Generator



Compressor Indicator



Multi-Layer Air Purifying Technology



Soft Start Kits (DC Inverter)



High Efficient Layout



I Feel



Anti-Cold Air Function



Smart Running



Super Cooling



Low Temperature Heating



Electronic Expansion Valve



Low Voltage Running



Auto Restart Function



Sleep Function



Auto Defrost



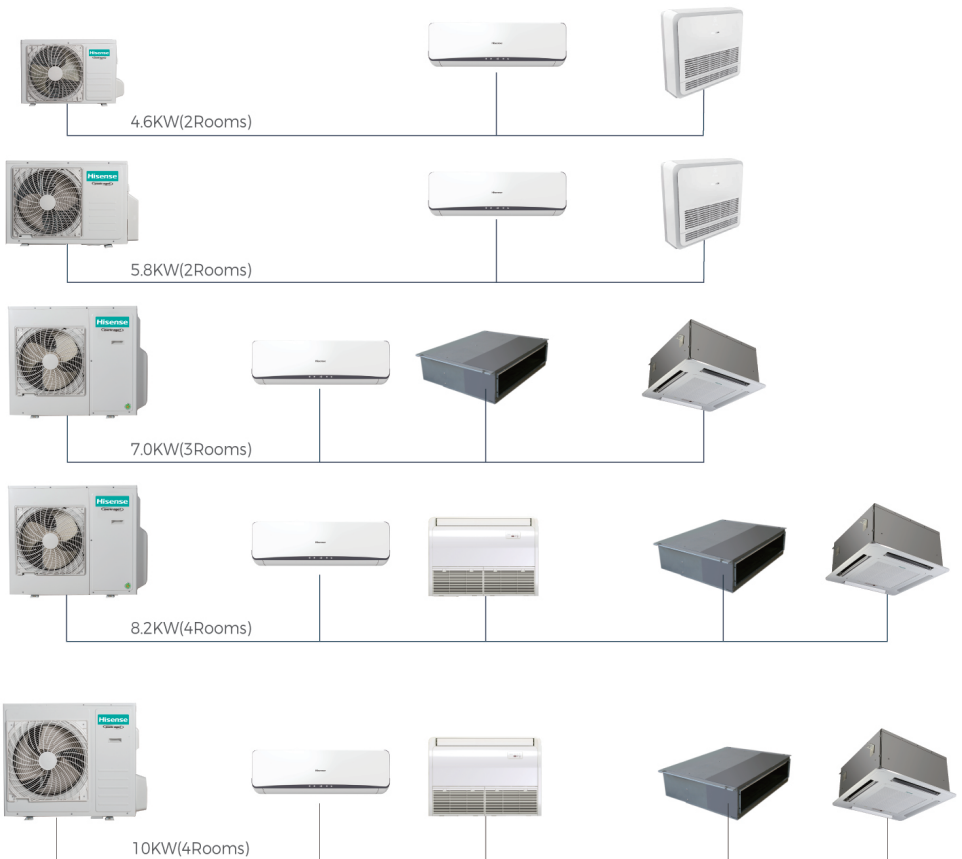
Wide-Angle Louvers



Smart Running

Outdoor Units

Connectable Indoor Units



Free Match Technology

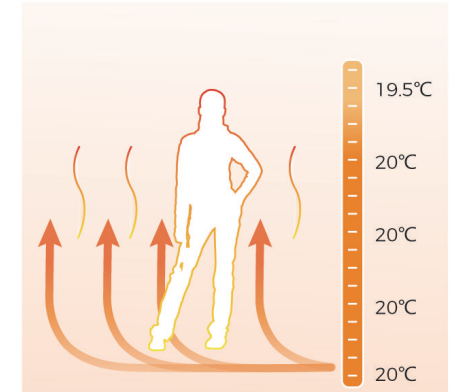
Cooling

The upper and lower air vents are opened at the same time for comfortable and fast cooling.



Heating

The upper air outlet covers human activity area and the lower air outlet covers floor for more comfortable.



Model Name		AKT-09UR4RK4	AKT-12UR4RK4
Cooling capacity	kW	2.8	3.52
Heating capacity	kW	3	3.8
Power	V/Hz/Phase	220-240/50/1	220-240/50/1
Power input	W	20	25
Rated current	A	0.1	0.1
Anti electric shock		Class I	Class I
Degrees of protection		IPX0	IPX0
Air flow	m ³ /h	550	600
Noise Level (Sound Power)	dB(A) (Max)	50	55
Noise Level (Sound Pressure)	dB(A) (Max/Min)	38/36/32	43/41/39
Net Dimension (W × H × D)	mm	700 × 630 × 220	700 × 630 × 220
Net Weight	kg	15	15
Package Dimension (W × H × D)	mm	840 × 730 × 340	840 × 730 × 340
Gross Weight- Indoor Unit	kg	19	19
Diameter(Liquid)	mm	6.35	6.35
Diameter(Gas)	mm	9.52	9.52

Free Match R32

Free Match Technology



Type(Free Match)			up to 2 indoor units	up to 2 indoor units	up to 3 indoor units	up to 3 indoor units	up to 4 indoor units	up to 4 indoor units
Mode			AMW2-14U4RRA	AMW2-18U4RXA	AMW3-21U4RFA	AMW3-24U4RFA	AMW4-27U4RAA	AMW4-36U4RAA
Gas			R32	R32	R32	R32	R32	R32
Capacity	Pdesign Cooling	kW	4.1	5.2	6.3	7.2	8.0	10.0
	Pdesign Heating	kW	4.2	5.5	5.5	5.5	8.0	8.0
	Cooling	kW	4.1	5.2	6.3	7.2	8.0	10.0
	Heating	kW	4.5	6.0	7.2	7.9	9.0	11.0
Air flow		m ³ /h	2200	2800	3000	3000	4000	4000
		W/W	4.10	3.77	4.28	3.85	3.56	3.23
EER		W/W	4.50	4.20	4.04	3.90	4.00	3.93
COP			6.61	7.21	6.9	6.8	7.01	6.50
SEER			4.1	4.1	4.01	4.01	4.05	4.01
SCOP		Cooling	A++	A++	A++	A++	A++	A++
EEL Rank		Heating	A+	A+	A+	A+	A+	A+
Noise Level/sound power		dB(A) (Max)	62	64	68	68	68	68
Guaranteed Operating Range	Cooling	°C	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48
	Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Compressor model	Model		GSD113RKRA8 JV6	KTN150D42UFZ	KTM240D57UMU	KTM240D57UMU	KTF235D22UMT	KTF235D22UMT
	Brand		HITACHI	GMCC	GMCC	GMCC	GMCC	GMCC
Net Dimension (W × H × D)		mm	730 × 536 × 260	810 × 280 × 580	860 × 670 × 310	860 × 670 × 310	950 × 840 × 340	950 × 840 × 340
Net Weight		kg	34	37	49	49	67	67
Package Dimension (W × H × D)		mm	860 × 600 × 400	940 × 385 × 630	990 × 450 × 730	990 × 450 × 730	1110 × 460 × 920	1110 × 460 × 920
Gross Weight		kg	36	39.5	54	54	72	72
Piping	Diameter(Liquid)	mm	6.35	6.35	6.35 × 3	6.35 × 3	6.35 × 4	6.35 × 4
	Diameter(Gas)	mm	9.52	9.52	9.52 × 3	9.52 × 3	9.52 × 4	9.52 × 4
	Max Length(Each)	m	15	15	20	20	20	20
	Max Length(Total)	m	30	30	45	45	60	60
	Max Height	m	15	15	15	15	15	15
Upload refrigerant		g	950	1070	1450	1450	2200	2200
Upload additional refrigerant		g/m	12g/m over 15m	12g/m over 15m	12g/m over 15m	12g/m over 15m	12g/m over 20m	12g/m over 20m



Introduction of Hisense

Founded in 1969, Hisense is a world leader in Smart TVs, household appliances, and mobile communication devices. Hisense has a workforce of over 75,000 worldwide and its flat-panel TV market share in China has been No.1 for 11 consecutive years. Currently, Hisense boasts more than 20 subsidiaries, with sales revenue reaching USD 16 billion in 2014. Hisense also has 16 overseas companies, 7 overseas R&D centers and 5 overseas production bases, and its products are sold in more than 130 countries and regions around the world.

Hisense's many subsidiaries are in the consumer electronics, home appliances, mobile communications, information technology, and real estate industries. With 15 production facilities and 12 R&D centers around the globe, its regional headquarters are located in North America, Europe, Asia-Pacific, Middle East, Africa, and Central and South America. Hisense products are sold in more than 130 countries with sales revenue of USD \$16 billion in 2014. In addition, Hisense has strategic partnerships with trusted global corporations such as IBM, Hitachi, and Whirlpool for the development and marketing of various products and services.

"Technology, Quality, Integrity, and Responsibility" are the four key elements of Hisense. Over the years, Hisense has developed energy-saving products that are more eco-friendly and has supported more than 2,000 primary schools in underdeveloped and disaster-impacted regions throughout China and across the world. Pursuing healthy operations, top quality, and honesty, Hisense has won the respect and loyalty of our business partners.