

Hisense

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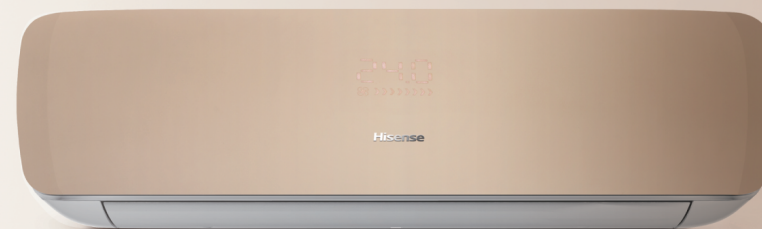
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Note: Product design and specification subject to change without prior notice.

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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.





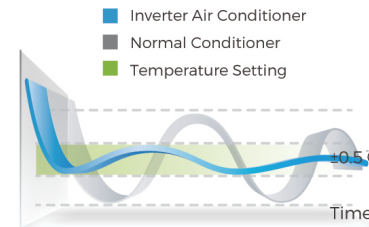
Hisense AC Inverter Expert

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.



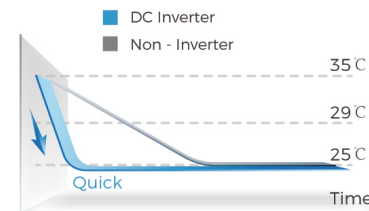


Hisense Inverter



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.



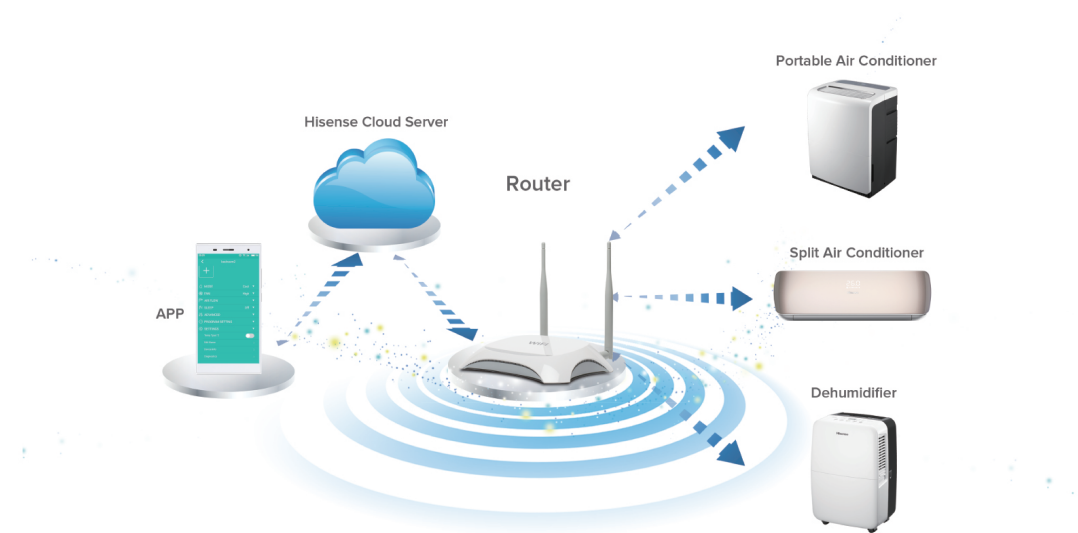
8°C Special Heating

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.

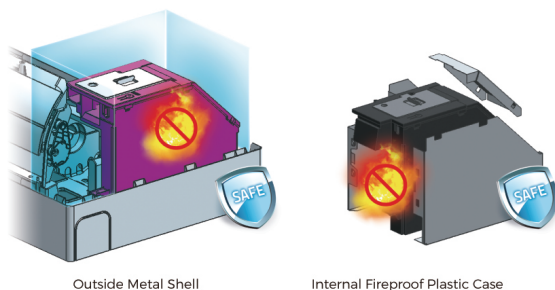


High Efficiency & Energy Saving

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%.



Max Safe Metal Control Box ▶



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)



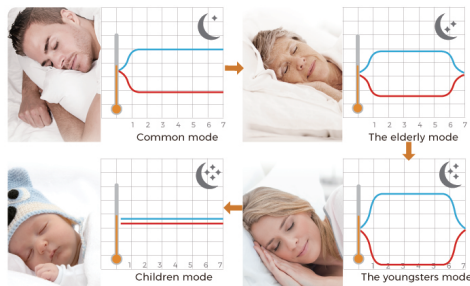
70dB(A)

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.

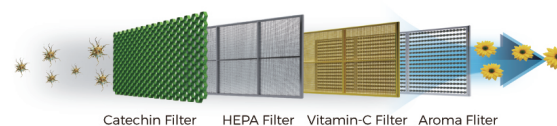


Nanoe ▶

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

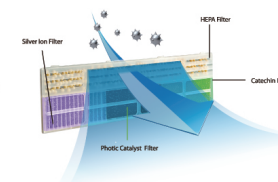
The Catechin Filter removes odors and eliminates dirt and particles found in the air and room.

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 ▾

| | | | |
|---|--|---|--|
|  <p>Twin Rotary DC Inverter Compressor</p> | <p>Twin Rotary DC Inverter Compressor</p> <p>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.</p> |  <p>Full Process by DC Drive</p> | <p>Full Process by DC Drive</p> <p>Digital control, DC Compressor, DC indoor motor, DC outdoor motor, and DC Electronic expansion valve make low noise and high efficiency.</p> |
|  <p>Electronic Expansion Valve</p> | <p>Electronic Expansion Valve</p> <p>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.</p> |  <p>Golden Fin</p> | <p>Golden Fin</p> <p>Anti-corrosion, better hydrophilic coating, higher heat exchange efficiency.</p> |
|  <p>Soft Start</p> | <p>Soft Start</p> <p>Because the starting current is very high, some home appliances may not run smoothly when the AC starts. A soft start solves the problem.</p> |  <p>Self Evaporative System</p> | <p>Self Evaporative System</p> |
|  <p>High Efficient Layout</p> | <p>High Efficient Layout</p> <p>The layout of this exchanger creates a bigger heat-exchanging surface that allows for better thermal efficiency.</p> |  <p>1W</p> | <p>1W standby</p> |







Comfort ▾

| | | | |
|---|---|--|--|
|  <p>Wide-Angle Louvers</p> | <p>Wide-Angle Louvers</p> <p>Smoothly curved Wide-Angle Louvers provide wide airflow coverage and cooling/heating no matter where the indoor unit is placed.</p> |  <p>Low Voltage Running</p> | <p>Low Voltage Running</p> <p>Works perfectly while running on low voltage.</p> |
|  <p>Super Cooling</p> | <p>Super Cooling</p> <p>Press the "SUPER" button on the remote controller to immediately feel the cool air you desire.</p> |  <p>I Feel</p> | <p>I Feel</p> <p>The remote control measures the room temperature and relays the information to the unit to adjust to the proper station.</p> |

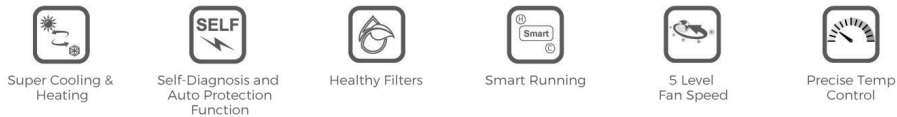
Health ▾

| | | | |
|--|---|--|---|
|  <p>Independent Dehumidifier</p> | <p>Independent Dehumidifier</p> |  <p>Anti Mildew Running</p> | <p>Anti Mildew Running</p> <p>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.</p> |
|  <p>Anti-Cold Air Function</p> | <p>Anti-Cold Air Function</p> <p>Prevent blowing cool air when the temperature of the evaporator is too low.</p> |  <p>Multi-Layer Air Purifying</p> | <p>Multi-Layer Air Purifying Technology</p> |
|  <p>30%-80% Free humidity setting</p> | <p>30%-80% Free humidity setting</p> |  <p>Cold Plasma Generator</p> | <p>Cold Plasma Generator</p> <p>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.</p> |
|  <p>Hi Density Filter</p> | <p>Hi Density Filter</p> |  <p>Environment Friendly Gas</p> | <p>Environment Friendly Gas</p> |

Lifestyle Convenience ▾

| | | | | | |
|--|---|--|--|--|---|
|  <p>Smart Running</p> | <p>Smart Running</p> <p>Once you press the "SMART" button on the remote control, the AC will run at the most comfortable mode according to the room temperature.</p> |  <p>24hr Timer</p> | <p>24hr Timer</p> <p>Set a specific time during the day to have the AC automatically turn on or off.</p> |  <p>Dimmer</p> | <p>Dimmer</p> <p>Press this button to shut off the display light on the front panel.</p> |
|  <p>Emergency Operation</p> | <p>Emergency Operation</p> <p>A convenient ON/OFF switch on the indoor unit that allows you to start up the system without the remote control.</p> |  <p>Easy Cleaning Panel and PP Filter</p> | <p>Easy Cleaning Panel and PP Filter</p> <p>The panel and filter can be easily detached for cleaning.</p> |  <p>Auto Restart Function</p> | <p>Auto Restart Function</p> <p>The AC will resume operation as soon as power is restored without manually resetting the controls.</p> |

Noble



| 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 |
| Indoor unit | W × H × D | mm | 870 × 335 × 265 | 870 × 335 × 265 | 1000 × 390 × 315 |
| Outdoor unit | W × H × D | mm | 830 × 530 × 315 | 830 × 530 × 315 | 940 × 630 × 385 |
| 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 | YXE-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 |



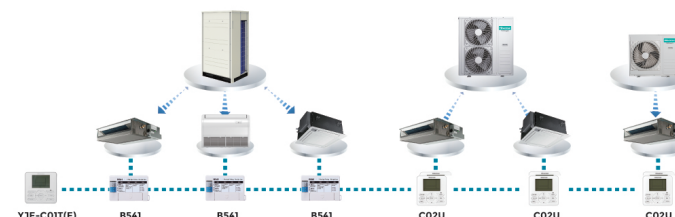
Central Controller: YJE-C01T(E) ▶

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



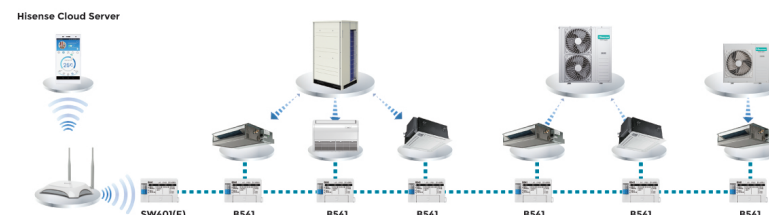
Specification

| | | | |
|----------------------------|----------------|----------------|--------------|
| 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

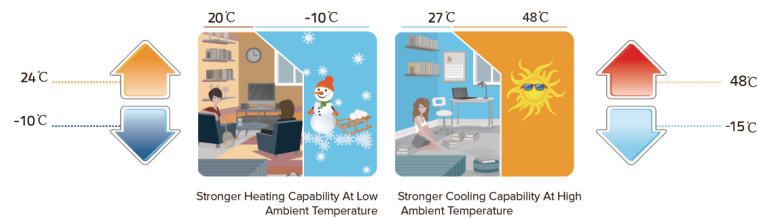
| | | |
|----------------------------|--------------|--------------|
| Model Name | AIH-SW401(E) | B541(E) |
| Power Supply | AC 175-264V | DC 12-17V |
| Outer Dimensions | 80 × 80 × 15 | 80 × 80 × 15 |
| Max Connectable IDU Number | 16 | 1 |

Light Commercial Technology

Technology & Feature

Wide Operating Range

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



High Efficiency

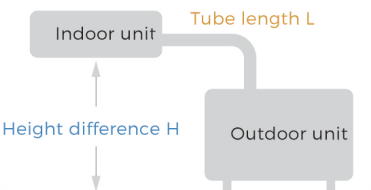
360° High efficiency DC inverter twin rotary compressor

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



The Control Technique For Oil Recycle

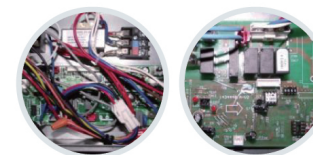
Height difference & long piping design, making installation easier.



| 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



Fire Linkage Control



R32 Inverter Series

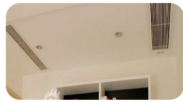
Duct Type

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.



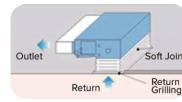
Front air flow,
bottom air intake



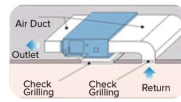
Front air flow,
back air intake

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.

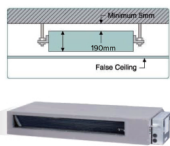


Bottom air intake



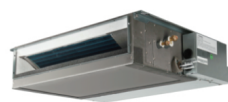
Back air intake

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.



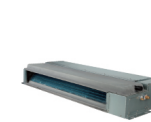
Water Pump is optional for duct type unit

Safety Protection

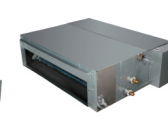
Ensure that the compressor operates in the safe range, and prevent damage caused by refrigerant leakage.



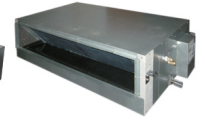
Low pressure switch High pressure switch



18000 Btu/h



24000 Btu/h



36000 Btu/h
48000 Btu/h
60000 Btu/h

| Model | | | ADT-18UX4RSL4 | 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 | Pdesignnc | 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++ |
| | Pdesignnh | 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) | | m³/ 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 | 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 | 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.

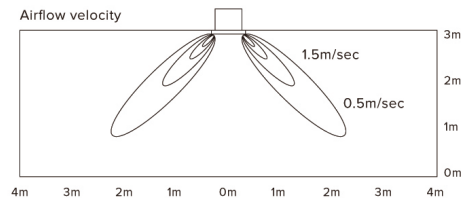
DC Fan Motor



- 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-24UR4RFG4 | AUC-36UR4RAG4 | AUC-48UR4RPH4 | AUC-60UR4RPH4 |
|-------------------------------------|-------------------------|--------------|--------------------|-----------------|------------------|-------------------|-------------------|
| Indoor model | | | ACT-18UR4RCA4 | AUC-24UR4R4 | AUC-36UR4R4 | AUC-48UR4R4 | AUC-60UR4R4 |
| Outdoor model | | | AUW-18U4RS4 | AUW-24U4RF4 | AUW-36U4RA4 | AUW-48U6RP4 | AUW-60U6RP4 |
| Average | Pdesignnc | 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 |
| 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 | KTF420D10UMU | |
| | Type | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY | |
| | Brand | GMCC | GMCC | GMCC | GMCC | GMCC | |
| Outdoor noise level | | | dB(A) | 54 | 53 | 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

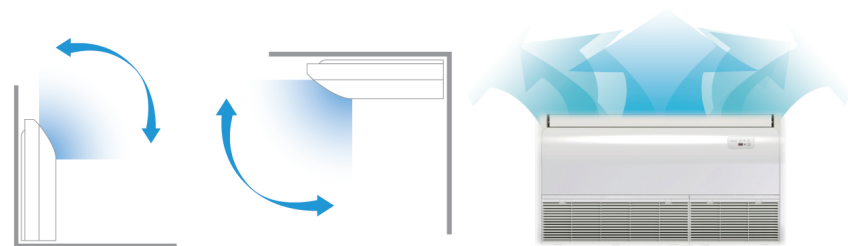
Ceiling & Floor

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



18000 Btu/h
24000 Btu/h



36000 Btu/h



48000 Btu/h
60000 Btu/h

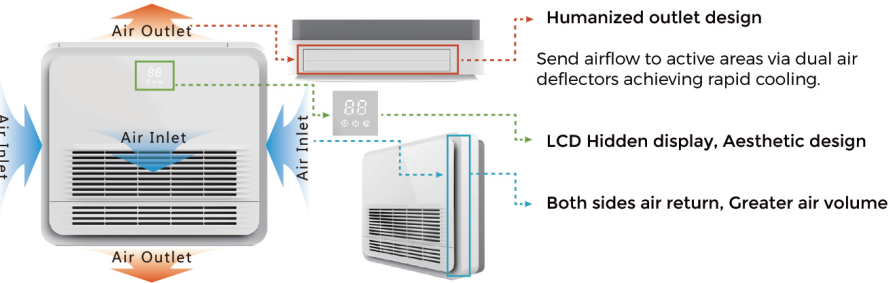
| Model | | AVT-18UR4RSA4 | AUV-24UR4RFA4 | AUV-36UR4RAB4 | AUV-48UR6RPC4 | AUV-60UR6RPC4 |
|-------------------------------------|-------------------------|----------------|------------------|------------------|------------------|-------------------|
| Indoor model | | AVT-18UR4RA4 | AUV-24UR4RA4 | 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 |
| | SEER | | 6.33 | 6.11 | 6.11 | 6.11 |
| | Energy Efficiency Class | | A++ | A++ | A++ | A++ |
| | Pdesignh | kW | 5000 | 6000 | 8600 | 12200 |
| | SCOP | | 4.41 | 4.18 | 4.1 | 4.01 |
| Cooling | Energy Efficiency Class | | A+ | A+ | A+ | A+ |
| | Capacity | Btu/ h | 5000 | 6900 | 10100 | 14300 |
| | Input | W | 1548 | 2136 | 3633 | 4799 |
| | EER | W/ W | 3.23 | 3.23 | 2.78 | 2.98 |
| | Capacity | Btu/ h | 5500 | 7800 | 11700 | 16700 |
| Heating | Input | W | 1482 | 2102 | 3545 | 5045 |
| | COP | W/ W | 3.71 | 3.71 | 3.30 | 3.31 |
| | Capacity | Btu/ h | 5500 | 7800 | 11700 | 16700 |
| | Input | W | 1482 | 2102 | 3545 | 5045 |
| | COP | W/ W | 3.71 | 3.71 | 3.30 | 3.31 |
| Indoor air flow Rated(Hi/ Med/ Lo) | | m³/ h | 800/690/590 | 1100/950/800 | 1700/1500/1300 | 2000/1600/1200 |
| ESP | Rated | Pa | NA | NA | NA | NA |
| | Range | Pa | NA | NA | NA | NA |
| Indoor noise level (Hi/ Med/ Lo) | | dB(A) | 41/37/34 | 51/48/45 | 52/51/49 | 53/48/42 |
| Indoor unit | Dimension (W × H × D) | mm | 990 × 230 × 680 | 990 × 230 × 680 | 1285 × 230 × 680 | 1580 × 230 × 680 |
| | Packing(W × H × D) | mm | 1100 × 350 × 820 | 1100 × 350 × 820 | 1400 × 350 × 820 | 1690 × 350 × 820 |
| | Net/ Gross weight | kg | 29/34 | 30/35 | 37/44 | 48/56 |
| 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 |
| 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 | 57 |
| Outdoor unit | Dimension(W × H × D) | mm | 810 × 585 × 280 | 860 × 670 × 310 | 950 × 840 × 340 | 950 × 1386 × 340 |
| | Packing(W × H × D) | mm | 940 × 640 × 420 | 990 × 730 × 450 | 1110 × 910 × 460 | 1110 × 1530 × 460 |
| | Net/ Gross weight | kg | 45/49 | 51/57 | 70/80 | 113/125 |
| Liquid side/ Gas side | | inch | 1/4' 1/2' | 3/8' 5/8' | 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 |

R32 Inverter Series

Console

Two Types Installation

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



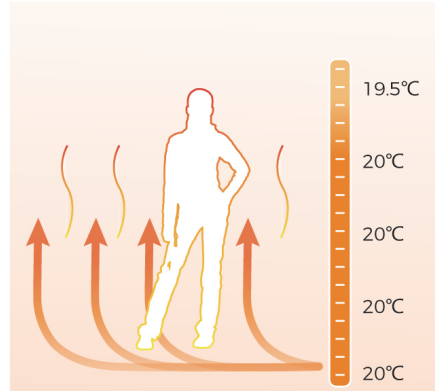
Cooling

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 | Pdesignnc | kW | 2800 | 3520 | 4850 |
| | SEER | | 6.51 | 6.52 | 6.2 |
| | Energy Efficiency Class | | A++ | A++ | A++ |
| | Pdesignnh | kW | 2200 | 3520 | 4800 |
| | SCOP | | 4.49 | 4.1 | 4.1 |
| Cooling | Energy Efficiency Class | | A+ | A+ | A+ |
| | Capacity | Btu/ h | 2800 | 3520 | 4850 |
| | Input | W | 782 | 1005 | 1500 |
| | EER | W/ W | 3.58 | 3.50 | 3.23 |
| | Capacity | Btu/ h | 3095 | 3800 | 5200 |
| Heating | Input | W | 770 | 995 | 1400 |
| | COP | W/ W | 4.02 | 3.82 | 3.71 |
| | Indoor air flow Rated(Hi/ Med/ Lo) | m³/ 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 |
| 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 |

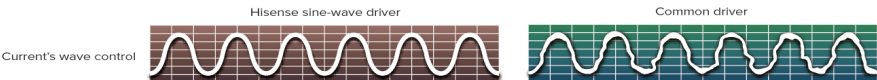
Free Match

Free Match Technology

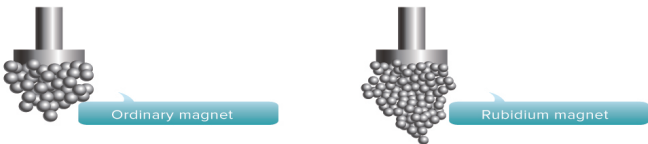
The Free Match products are ideal where an individual indoor unit is required in each room, i.e., a living room and 3 bedrooms. The Systems allow one outdoor unit to be connected up to a wide variety of 2,3 or 4 indoor units including Wall Mounted, Duct and Cassette, depending on the model.

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.

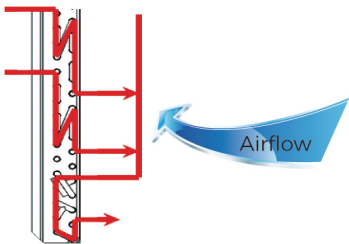


Wide Power Voltage Operation

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



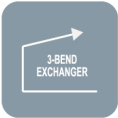
Compressor Indicator



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



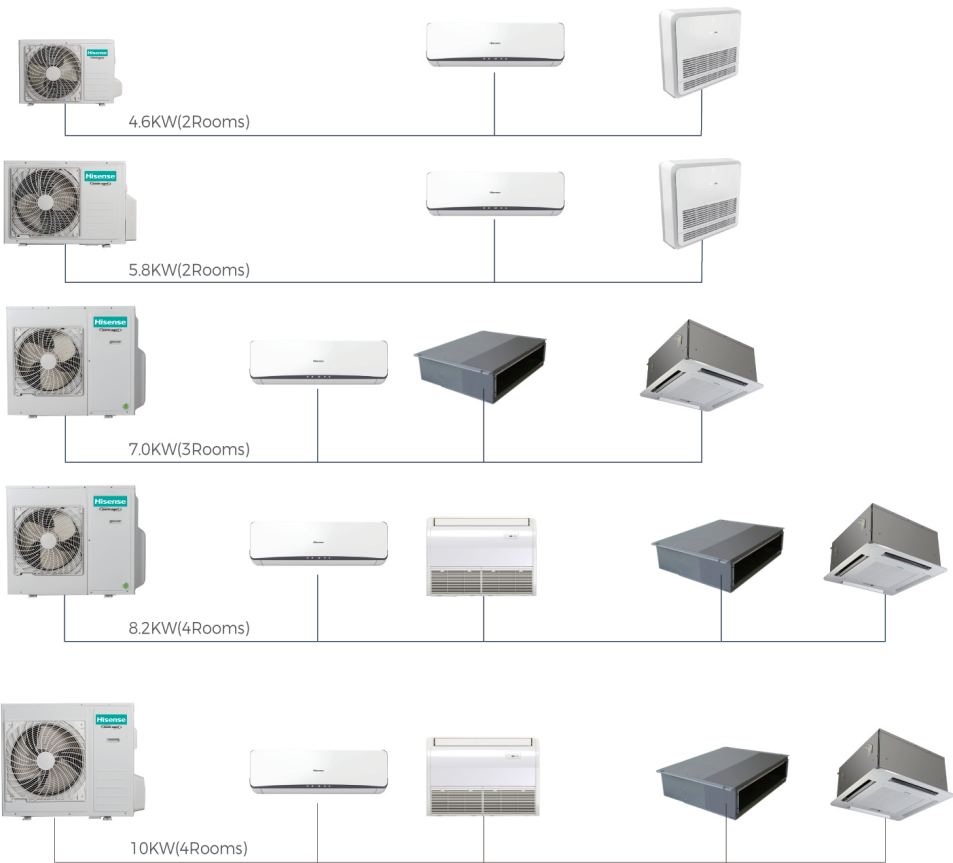
Wide-Angle Louvers



Smart Running

Outdoor Units

Connectable Indoor Units



Free Match Technology

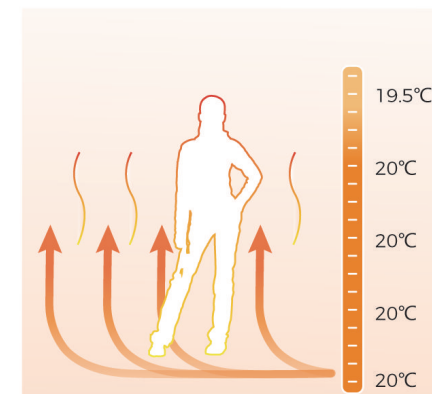
Cooling

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



Heating

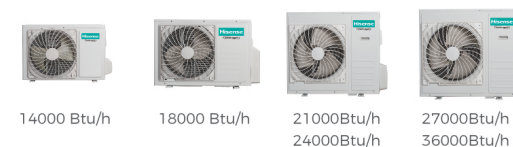
The upper air outlet covers human activity area and the lower air outlet covers floor for more comfortable.



| 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 |



Layout of Overseas R&D Centers, Production Bases and Subsidiaries

- Overseas Production Base
- Overseas Company
- Countries and Regions of Exported Products
- R&D Center

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.

Hisense life reimagined