

Hisense Australia Light Commercial

2024



Who is Hisense ?



Founded Hisense was founded in 1969 and has over 50 years of corporate history

Listed Hisense owns three listed companies

TOP 10 International Influence Enterprises in 2016

TOP 10 Overseas Chinese Brands in 2017-2022

6 Consecutive Years Best Global Image Award in 2015-2020

AU Sponsor of Australian Open

FIFA Official Sponsor of FIFA World Cup Brazil 2018 and Qatar 2022

Why Hisense

Top Stability

Ensure voltage fluctuation stability down to 176V.

Ensure reliability in ultra-low temperature and long piping by testing compressor oil viscosity.

Ensure PCB heat transfer reliability by the PCB refrigerant cooling design. Outdoor temperature can reach up to 52 C.

Ensure drainage reliability by standard float switch for Slim Duct, MSP Duct, HSP Duct, Compact Cassette and Cassette.

Ensure drainage smooth by standard built-in pump for Slim Duct, MSP Duct, HSP Duct, Compact Cassette and Cassette.

Ensure the system not exceed the design pressure by high pressure protector and low pressure protector.

Ensure no dripping in high humidity conditions by anti-condensation smart control.

Ensure no overflow from the drain pan by the big drain pan design, when the water from the drain pipe is returned in suddenly power off.

Ensure the stability in extra-low heating by compressor E-heater and bottom e-heater.

Faster and Flexible Installation

Easy Cardboard for Cassette, can help install the indoor unit fast.

The double 3-way stop valves, not matter built inside or outside, can help to vacuum fast.

Compact design of the indoor units and outdoor units can help to carry and install easily.

The suction grille can be adjusted in any direction. And the appearance looks just the same.

Rear suction and bottom suction of duct unit can be adjusted in the project site.

Tools

Hi-Checker 1.0

Kit Checker naming Service Window is small and easy to carry. It can help us diagnose and resolve common problems at low cost and quickly.



Hi-Checker 2.0

PC Checker can check the air conditioners professionally and comprehensively, and all parameters of the machine can be monitored in real time. Relevant data can be recorded, stored and reproduced.



Hi-Checker 3.0

APP Checker Combines the advantages of Kit Checker and PC Checker. We can check and troubleshoot the operation of the machine through the APP installed on the mobile phone. This solution is easy for users to carry, record and communicate with each other.



Reference Project List



Dubai, UAE
 Binghatti Crescent at Jumeirah Village Circle (JVC), Dubai is the new low-rise residential architecture which contain 165 residential units and 5 shops. To meet its multiple equipment, Hisense AC units will be connected to external home automation system, and high energy efficient ducted inverter units will be used to cool the apartments, help the tenants in power savings and reduce operational cost to the owner. Also the refrigerant used is R410a gas which is ozone friendly.



Firenze, Italy.
 Light Commercial duct and cassette in the restaurant and living areas, RAC in the dressing rooms.



Rimini, Italy.
 RAC installation mixed with Light Commercial duct and cassette.



Málaga, Spain.
 80 flats developed by Voltiam.



Warsaw, Poland.
 Delicatessen downtown.



Bucharest, Romania.
 In cooperation with mit clima.



Belgrade, Serbia.
 The Plot 21a of the Belgrade Waterfront.



Project Name: **Khaled building B+G+7**
 Project Type: **Duct**
 Project Location: **UAE**



Project Name: **G+6 Residential building**
 Project Type: **Duct+Wall-Mounted**
 Project Location: **QATAR**



Project Name: **Gardenia Residence JVC**
 Project Type: **Duct**
 Project Location: **UAE**



High Static Ducted System

Easy Installation | High Comfort | Easy to Use

Hisense



Product Line

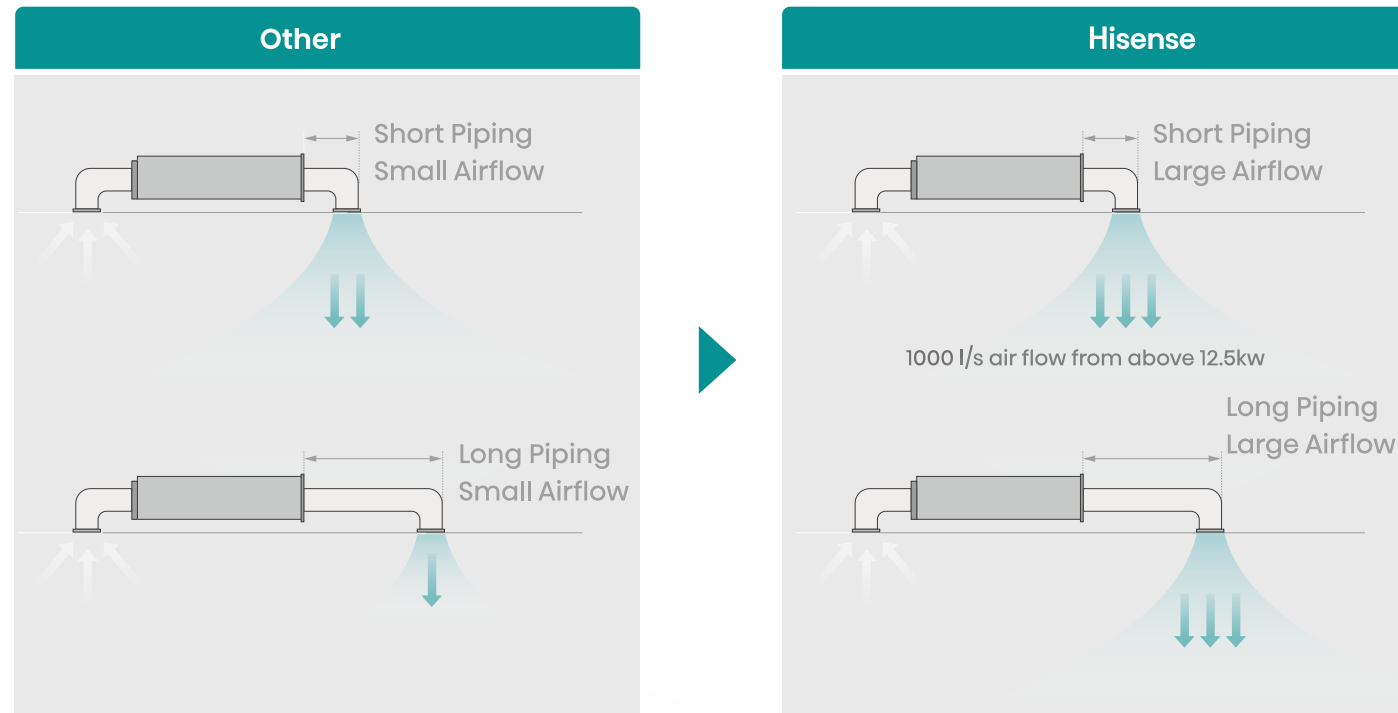


TYPE	8.5kW	10kW	12.5kW	14kW	16kW
High static duct	 <p>AUD-85UX4RSH1</p>	 <p>AUD-100UX4RSH1</p>	 <p>AUD-125UX4RSH1</p>	 <p>AUD-140UX4RSH1</p>	 <p>AUD-160UX4RSH1</p>
Outdoor unit (single phase)	 <p>AUW-85U4RK1</p>	 <p>AUW-100U4RK1</p>	 <p>AUW-125U4RH1</p>	 <p>AUW-140U4RH1</p>	 <p>AUW-160U4RH1</p>

Bring You Comfort All Year Round

Super Big Airflow With Long Ductwork

Due to high efficiency powerful DC fan motor, enlarge super big airflow up to 1000 l/s from above 12.5kw, meaning you can stay comfortable everywhere in your home. Although airflow will decrease with the long designed ductwork, Hisense duct can reach 100% airflow in 180Pa, 880l/s in 250pa, to bring ultimate comfort.



Zone Control

Zone control technology is one ideal solution for individual room air conditioning, it works when some rooms do not need the air conditioning. By using controller, it can control up to 8 zones.

Control up to 8 zones



HI-NANO Air Purification(optional part)

General filters in air purifiers are effective against airborne bacteria and viruses, however Hisense HI-NANO technology also works to prevent long-lasting bacteria and viruses. Using the Connect Life APP provides access to your air conditioner anywhere, anytime. Turn HI-NANO on even while you're not home and still enjoy 24-hour quality.

note: HI-NANO part model Hinano-01A(E) is required to installed in duct unit

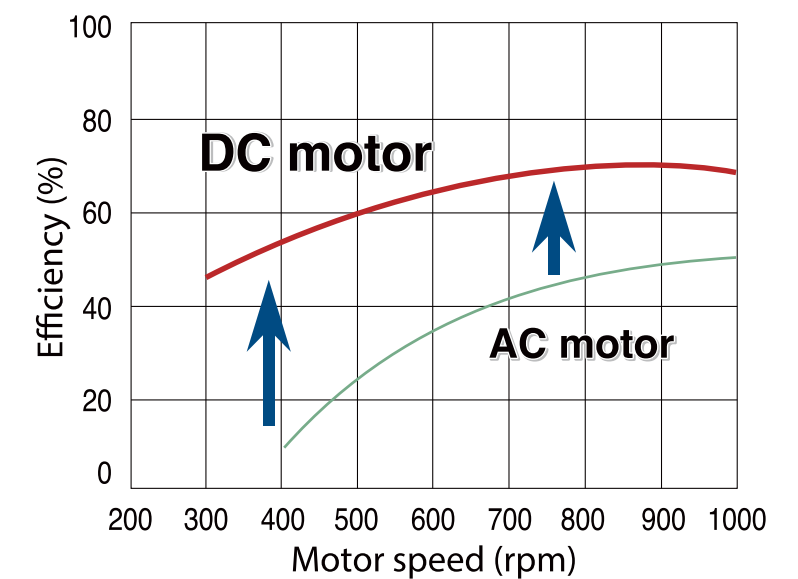


Bacteria lose their activity after being absorbed by ions
Bacteria eliminate and generate water

High Energy Efficiency

Hisense indoor units are equipped with a high efficiency DC fan motor. Hisense's DC motor can deliver a high motor efficiency by utilising high power permanent magnets. This is more efficient than conventional AC motors that use induced magnetism.

DC motor efficiency (comparison with a conventional AC motor)





Perfect To Fit Every Place

Compact Design

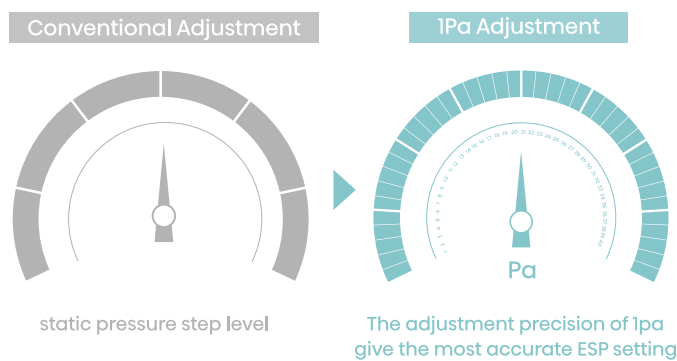
With today's modern home designs having higher ceilings with smaller roof spaces, Hisense High Static Duct has a low-profile height of 360mm, to allow it to fit comfortably into the constricted roof spaces.



Height is only 360mm

External Static Pressure Accurate Adjustment

Not only it is possible to adjust the external static pressure setting via wired controller, convenient to adjust static pressure, but also achieve precision control of 1 Pa, give the most accurate external static pressure setting in class and deliver the optimum airflow to your home always.



Easy Installation

A splittable type indoor unit can separate into more parts, making it easier to position into tight roof space, also perfect for renovation. Also with compact design means duct can be manoeuvred into tight installation spaces. Installation has never been this easy.



Fan Cover



Heat Exchanger



Reliable Outdoor Unit Performance

Constant Comfort Air Conditioning

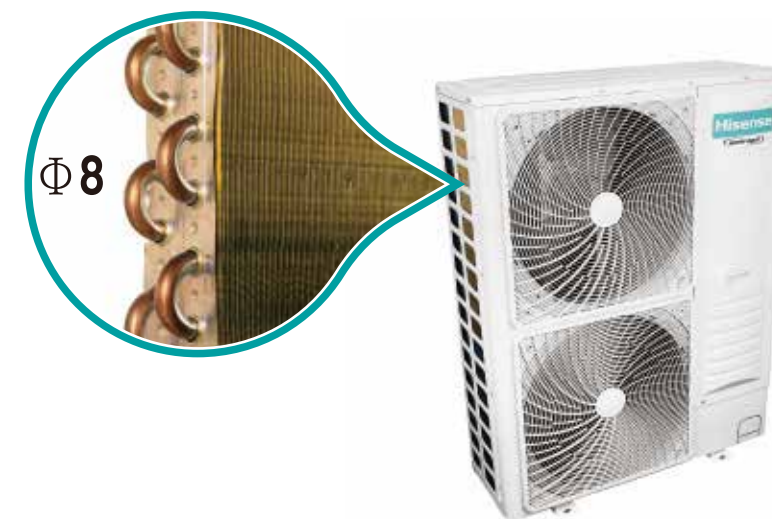
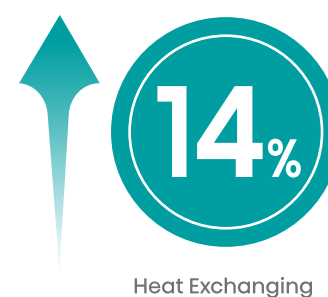
One advantage of Hisense inverter technology includes its ability to ensure precise temperature control and offer a wider power output range to perform in even the most extreme conditions in Australia ensuring constant comfort

Cooling/Heating	LOW ROOM TEMP	MID ROOM TEMP	HIGH ROOM TEMP
Cooling	← 6KW		→ 17KW
Heating	← 18.5KW		→ 6KW

Graph shows each models' 12.5 kW High Static Ducted systems performance range during cooling and heating.

Heating focus design

To suit Australia cold zone condition, Hisense 12.5/14/16kw unit takes heating focus system design, the outdoor unit heat exchanger pipe diameter is $\Phi 8$, different from competitors $\Phi 7$ design. When system is working in heating, it will bring 14% increase in heat exchanging area, reduce the pressure loss, the heating capacity and COP get highly increased, give the end user powerful heating.



Inverter Technology

Adopting the advanced DC Fan Motor on the outdoor unit and inverter technology, allows the compressor to automatically adjust its speed in response to changes in room temperature and user settings. This is different to conventional fixed-speed compressors, which frequently shut off and switch on during operation. This technology ensures optimum comfort by maintaining the desired temperature with little fluctuation, while optimising power usage, reducing energy consumption and reducing operating costs.

Wide Operating Range

Built for the harsh Australian climate, Hisense duct system takes latest inverter technology, making it can operate in cooling mode in temperature up to 50°C

Note: 12.5kw/14kw/16kw reaches 50°C

Golden Fin

To suit Australia outdoor condition which is close to seaside and damp, Hisense provide golden fin which can pass the Anti-Salt Spray test with 1000h, 2 times anti corrosion than normal blue fin design.

RJ45 plug for DRED PCB

As Australia requires a DRED connection, to counter this need Hisense can provide a RJ45 port that can establish a connection within 5 seconds. This will result in shortened installation times for the dealer or installer.

Zone Wired Controller



FEATURES

- 1.Clear, backlit display with easy-to read text.
- 2.Home leave function can turn your air conditioner on automatically when room temperature drop below 8 C
- 3.Quick cool/heat mode, which temporarily increase air conditioning power to more rapidly reach your desired operating temperature, before automatically returning to normal operation.
- 4.Set Temperature Mode Changeover, automatically switches from a cooling to heating cycle, or a heating to cooling cycle at pre-set points
- 5.Temperature Limit, to predefine a temperature range for cooling or heating cycles, helping you reduce your energy consumption.
- 6.The Zone Wire Controller is equipped with inbuilt WI-FI module, which can be conveniently utilized by a smart phone device
- 7.Color resistive touch screen interface with three button , easy to operation.

Zone wired controller Model no.	HACZ01
Dimension(WxH)	120mm x 120mm
Screen Size	4.3 inch
Applicable unit type	Duct
Power supply	DC 12V
zone quantity	8 zone

Zone control interface Model no.	HAAZ01
zone quantity	8 zone
Damper power supply	AC 24V

Touch Screen Wire Controller

Inbuilt WI-FI module

The Wired Controller is equipped with a inbuilt WI-FI module, which can be conveniently utilised by a smart phone device.



Zone Status Control

Zone Control

Zone control technology is one ideal solution for individual room air conditioning, it works when some rooms do not need the air conditioning. By using controller, it can control up to 8 zones.

Group Control

Zones can be separated into multi groups, just open the group button, you can easily open all zones in this group.



Precise Comfort

Airflow Volume Control

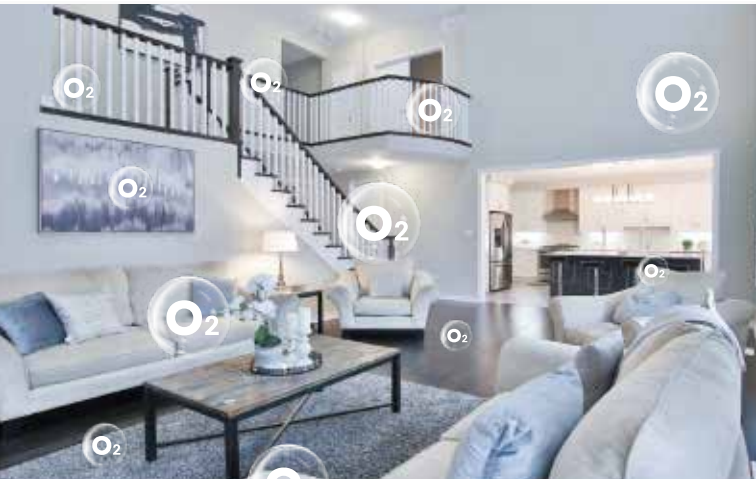
Damper can be accurately controlled with a interval of 5%, give you the most precise comfort.



Healthy Comfort

HI-NANO

Just open HI-NANO mode by controller, you now have control of clean, clean air whenever you need it.



Connect Life APP, One-touch Control, Anytime, Anywhere

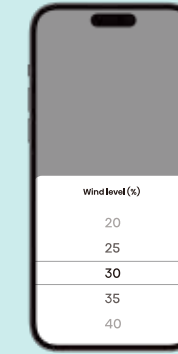
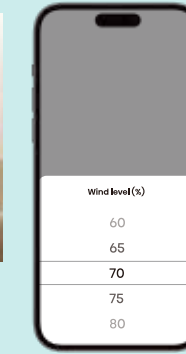
Individual comfort

Airflow volume control

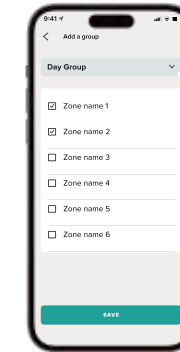
The damper opening can be controlled with the Connect Life App. Adjust the air volume conveniently according to your lifestyle.



Open the living room damper when the family gathers.



For daily naps, reduce airflow volume so that it doesn't get too cold.



Zone Status Control

Zone Control

Zone control technology is one ideal solution for individual room air conditioning, it works when some rooms do not need the air conditioning. By using controller, it can control up to 8 zones.

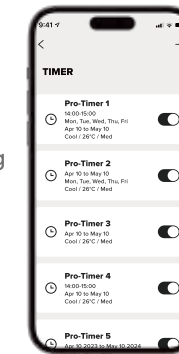
Group Control

Zones can be separated into multi groups, just open the group button, you can easily open all zones in this group.

Auto Comfort

Timer

You can set unlimited quantity timer/day, according to your lifestyle, you can set the target mode/temperature/fan speed/open zones, set desired start date and end date for this setting, one time setting, all year automatic operation, realize day&night for your life style with timers.



Pre cool 30 minutes in the morning in living room

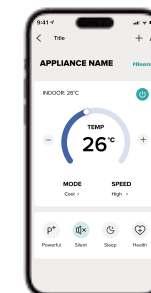


Pre cool 30 minutes before going to bed

Healthy Comfort

HI-NANO

Just open HI-NANO mode by app with fan mode, clean air whenever you need it even when you are outside.







Energy Management

Power Consumption Statics







Power consumption, help to manage the air conditioner operation and save money



Specification

indoor unit model		AUD-85UX4RSH1	AUD-100UX4RSH1
outdoor unit model		AUW-85U4RK1	AUW-100U4RK1
Indoor picture			
Outdoor picture			
rated capacity	cooling(kw)	8.5	10.0
	heating(kw)	10.0	11.0
capacity range	cooling(kw)	4.2~11	4.2~11.5
	heating(kw)	4.2~11.2	4.2~11.6
power input	cooling(kw)	2.54	3.03
	heating(kw)	2.60	2.90
EER/AEER	cooling(kw/kw)	3.35/3.33	3.30/3.28
COP/ACOP	heating(kw/kw)	3.846/3.82	3.79/3.78
TCSPPF(residential)	cold/average/hot	4.48/4.39/4.68	4.54/4.34/4.61
HSPPF(residential)	cold/average/hot	3.23/3.74/4.19	2.71/3.09/3.64
airflow (H/M/L)	l/s	800/640/555	800/640/555
External static pressure	pa	250	250
indoor sound Level(H/M/L)	sound pressure dB(A)@1.5m	50/47/44	50/47/44
Indoor dimension(h*w*d) (with PCB)	mm	360*1520*820	360*1520*820
Indoor packing dimension(h*w*d)	mm	440*1650*1055	440*1650*1055
supply air opening flange(H*W)	mm	245*1152	245*1152
return air opening	mm	2*400(Oval)	2*400(Oval)
indoor net weight	kgs	60.0	60.0
Outdoor dimension(h*w*d)	mm	750*900*340	750*900*340
Outdoor packing dimension(h*w*d)	mm	820*1060*450	820*1060*450
outdoor net weight	kgs	57.5	57.5
power supply	V/Hz	1 phase,220-240V,50Hz	1 phase,220-240V,50Hz
current	Cooling(A)	11.4	13.6
	Heating(A)	11.5	13.0
Maximum current(Rated current)	A	19.0	19.0
liquid pipe diameter	mm	9.5(3/8) (flared)	9.5(3/8) (flared)
gas pipe diameter	mm	15.9(5/8) (flared)	15.9(5/8) (flared)
drain	mm	ID 25/OD 32	ID 25/OD 32
Max pipe length	m	50	50
Max height drop	m	30	30
Pre charge length	m	20	20
Cooling temperature	°C	-10~46	-10~46
Heating temperature	°C	-15~24	-15~24
outdoor sound level(H)	sound power dB(A)	69	69
	sound pressure dB(A)@1m	60	60
gas		R32	R32

* Reach the data based on centrain condition

indoor unit model		AUD-125UX4RSH1	AUD-140UX4RSH1	AUD-160UX4RSH1
outdoor unit model		AUW-125U4RH1	AUW-140U4RH1	AUW-160U4RH1
Indoor picture				
Outdoor picture				
rated capacity	cooling(kw)	13.0	14.5	16.0
	heating(kw)	15.5	17.0	18.9
capacity range	cooling(kw)	6.0~17.0	6.0-18.0	6.0~18.5
	heating(kw)	6.0-18.5	6.0-19.5	6.0~20.0
power input	cooling(kw)	3.61	4.09	4.78
	heating(kw)	3.78	4.25	4.87
EER/AEER	cooling(kw/kw)	3.60/3.566	3.55/3.52	3.35/3.33
COP/ACOP	heating(kw/kw)	4.10/4.064	4.00/3.968	3.88/3.85
TCSPPF(residential)	cold/average/hot	4.75/4.58/4.93	4.74/4.56/4.89	4.58/4.38/4.69
HSPPF(residential)	cold/average/hot	3.72/4.15/4.49	3.65/4.21/4.70	3.42/4.04/4.67
airflow (H/M/L)	l/s	1020/810/710	1020/810/710	1120/920/780
External static pressure	pa	250	250	250
indoor sound Level(H/M/L)	sound pressure dB(A)@1.5m	56/53/49	56/53/49	58/55/51
Indoor dimension(h*w*d) (with PCB)	mm	360*1520*820	360*1520*820	360*1520*820
Indoor packing dimension(h*w*d)	mm	440*1650*1055	440*1650*1055	440*1650*1055
supply air opening flange(H*W)	mm	245*1152	245*1152	245*1152
return air opening	mm	2*400(Oval)	2*400(Oval)	2*400(Oval)
indoor net weight	kgs	66.0	66.0	66.0
Outdoor dimension(h*w*d)	mm	1460*975*330	1460*975*330	1460*975*330
Outdoor packing dimension(h*w*d)	mm	1590*1040*435	1590*1040*435	1590*1040*435
outdoor net weight	kgs	98.0	98.0	98.0
power supply	V/Hz	1 phase,220-240V,50Hz	1 phase,220-240V,50Hz	1 phase,220-240V,50Hz
current	Cooling(A)	16.2	18.3	21.2
	Heating(A)	16.9	19.0	21.6
Maximum current(Rated current)	A	31.0	31.0	31.0
liquid pipe diameter	mm	9.5(3/8) (flared)	9.5(3/8) (flared)	9.5(3/8) (flared)
gas pipe diameter	mm	15.9(5/8) (flared)	15.9(5/8) (flared)	15.9(5/8) (flared)
drain	mm	ID 25/OD 32	ID 25/OD 32	ID 25/OD 32
Max pipe length	m	75*	75*	75*
Max height drop	m	30	30	30
Pre charge length	m	30	30	30
Cooling temperature	°C	-10~50	-10~50	-10~50
Heating temperature	°C	-15~24	-15~24	-15~24
outdoor sound level(H)	sound power dB(A)	77	77	77
	sound pressure dB(A)@1m	62	62	62
gas		R32	R32	R32

* Reach the data based on centrain condition

Controllable Function List

Type	Wired Controller	Zone Wired Controller	zone APP from zone wired controller	normal APP	Wireless controller+ singal receiver
model	HACW02	HACZ01	/	HAAW01	R2-01+R-A01Z(E)
Start/stop operation	•	•	•	•	•
Modes:On/Off/Cooling/Heating/Dry/Fan/Auto	•	•	•	•	•
Temperature Setting	•	•	•	•	•
Fan speed setting	•	•	•	•	•
Sleep mode	•	•	•	•	•
High nano healthy function ON/OFF	•	•	•	•	•
home leave mode		•	•	•	
24 hours Timer	•	•	•	•	•
Weekly timer	•		•	•	
Yearly timer			•	•	
Error Notification	•	•	•	•	
Wireless Remote Receive	•	•			
Child Lock	•	•			•
Operation Monitor	•	•	•	•	
Filter Cleaning Remind	•	•			
Filter Cleaning Timing	•	•			
Room Temperature Display	•	•	•	•	
Clock	•	•	•	•	•
Mode Lock	•	•			
Temperature Range Limit	•	•			
Temperature reset		•			
Auto Shutdown		•			
Zone ON OFF		•	•		
Damper Step Settings		•	•		
Enter zone name		•	•		
inbuilt wifi		•			
Operation from outside			•	•	
Multiple Users			•	•	
energy consumption monitor			•	•	
connected indoor unit type	duct/cassette	duct	duct	duct/cassette	duct/cassette

Note: energy consumption monitor & zone control functions are for duct unit only in APP





BRAND NEW EXQUISITE PANEL SIMPLE AND ELEGANT

Simple design matches any
Decoration style



INTELLIGENT HIDDEN DISPLAY

Clear work status be known
at a glance



236MM ULTRA-THIN BODY SLIM AND SAVES MORE SPACE



MULTIPLE CONTROL METHODS CHOOSE AS YOU LIKE



VARIOUS STYLES, SUITABLE FOR VARIOUS PLACES

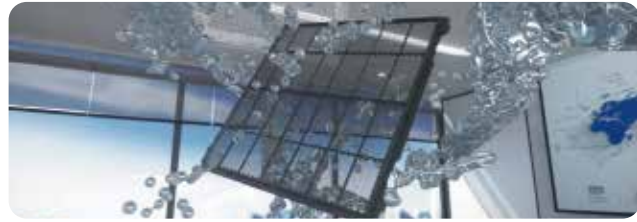


ALL-ROUND HEALTH SUPPLY YOU HIGH QUALITY AIR



Fresh air introduce

Improve indoor air freshness



Easy-to-clean filter

Effectively filter harmful particles



Hi-nano

Send sterile healthy ions to every corner to effectively remove viruses



Send large amounts of sterilize ions to every corner



Effective sterilization and Dust removal



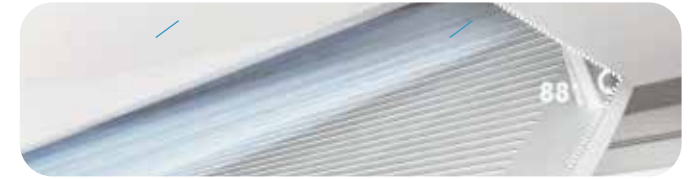
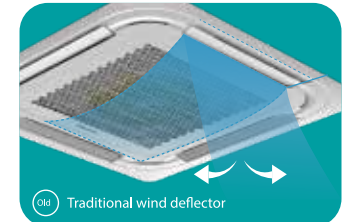
Continuously deliver health

ALL-ROUND COMFORT ENJOY LIFE TO YOUR HEART'S COMTENT



360° round flow

Uniform temperature distribution



Big louver

With 88° free swinging angle



Brand new silent air duct design

Silent air supply with optimized blades and professional duct simulation, create a peaceful environment.

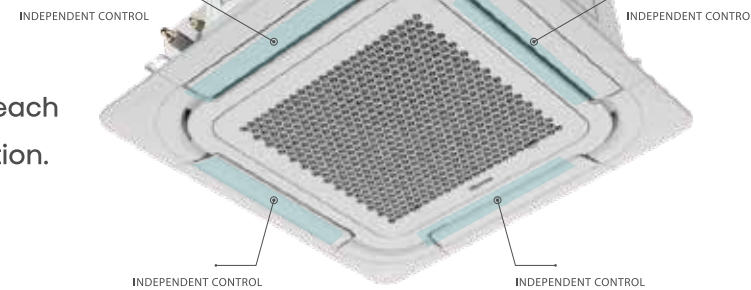


ALL-ROUND INTELLIGENT TECHNOLOGY SMARTLY MEET CHANGING NEEDS



Independent control

Airflow direction can be individually adjusted for each air discharge outlet to deliver optimal air distribution.



Wifi & APP control

Remotely controlling the air conditioner through the mobile phone APP before returning home makes life more convenient.



ALL-ROUND QUALITY ASSURANCE EFFICIENT, SAFE AND RELIABLE

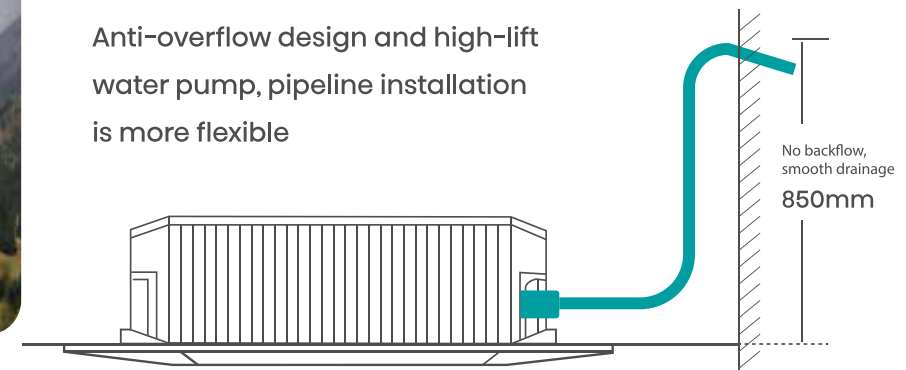


R32 refrigerant

Environmentally friendly and efficient

Flexible Installation

Anti-overflow design and high-lift water pump, pipeline installation is more flexible



Backward centrifugal fan









With excellent air supply, high efficiency, low noise and loss, higher reliability.



Five-fold evaporator






Larger heat exchange area, higher efficient, more power-saving than traditional four-fold evaporator.

Specification








Indoor Unit Model				AUC-71UR4RC1	AUC-100UR4RC1	AUC-125UR4RC1	AUC-140UR4RC1
Outdoor Unit Model				AUW-71U4RB1	AUW-100U4RK1	AUW-125U4RN1	AUW-140U4RN1
IndoorPicture							
OutdoorPicture							
Electricparameter	Powersupply	Outdoor	V-ph-Hz	220-240/1/50&60	220-240/1/50&60	220-240/1/50&60	220-240/1/50&60
	Inputconsumption	Max.	W	4100	4000	6400	7200
	Inputcurrent	Max.	A	18.1	22	28.2	30
Cooling	Capacity	Nominal	KW	7.3	10	12.5	13.3
		Min - Max	KW	2.4-8.0	2.5-11.5	2.7-13.5	2.7-14.6
	Input	Nominal	KW	2.15	2.94	3.91	4.43
	Current	Nominal	A	9.3	12.8	17	19.3
	EER	Nominal	KW/KW	3.4	3.4	3.2	3
Heating	Capacity	Nominal	KW	8.3	11.2	14	15
		Min - Max	KW	2.1-9.0	2.5-12.5	2.7-16.0	2.7-17.0
	Input	Nominal	W	2.44	3.2	4.18	4.69
	Current	Nominal	A	10.6	13.9	18.2	20.4
	COP	Nominal	KW/KW	3.4	3.5	3.35	3.2
Indoorunit	Dimension	H×W×D	mm	236×840×840	272×840×840	272×840×840	272×840×840
	Packing	H×W×D	mm	320×950×950	360×950×950	360×950×950	360×950×950
	Weight	Net/Gross	kg	23/28	26/32	26.0/32.0	26.0/32.0
	Air Volume	Hi/Med/Lo	l/s	333/277/233	555/468/430	555/468/430	555/468/430
	SoundLevel(SPL)	Hi/Med/Lo	dB(A)	43/40/37	52/49/46	52/49/46	52/49/46
	SoundLevel(PWL)	Hi	dB(A)	54	64	64	64
	Controller	Type	Wireless	RCH-RVD01	RCH-RVD01	RCH-RVD01	RCH-RVD01
		Type	Wired	HACW02	HACW02	HACW02	HACW02
Drainagewaterpipediameter		mm	ODφ32	ODφ32	ODφ32	ODφ32	
Panel	Dimension	W×H×D	mm	950×50×950	950×50×950	950×50×950	950×50×950
	Packing	W×H×D	mm	1020×105×1000	1020×105×1000	1020×105×1000	1020×105×1000
	Weight	Net/Gross	kg	6.5/9	6.5/9	6.5/9	6.5/9
Compressor	Type		—	ROTARY	ROTARY	ROTARY	
Outdoorunit	Dimension	H×W×D	mm	650×860×310	750×900×340	1170×900×320	1170×900×320
	Packing	H×W×D	mm	700×1170×390	820×1060×450	1300×970×430	1300×970×430
	Weight	Net/Gross	kg	46/50	52.0/56.0	83.0/91.0	83.0/91.0
	SoundLevel(SPL)	Hi	dB(A)	57	57	58	60
	SoundLevel(PWL)	Hi	dB(A)	69	69	70	72
	Refrigerant	Type	—	R32	R32	R32	R32
		Amount	kg	1.7	2.2	3.7	3.7
piping	Liquid/Gas		mm(inch)	Φ9.52/Φ15.88(3/8"/5/8')	Φ9.52/Φ15.88(3/8"/5/8')	Φ9.52/Φ15.88(3/8"/5/8')	Φ9.52/Φ15.88(3/8"/5/8')
	connectionmethod			flared	flared	flared	flared
	Pipelength	Max.	m	30	50	50	50
	Heightdifference	Max.(ODlower)	m	20	30	30	30
		Max.(ODhigher)	m	20	30	30	30
Prechargelength		m	20	20	20	20	
OperatingRange (Outdoor)	Cooling		°C	-10~46	-10~46	-10~46	-10~46
	Heating		°C	-15~24	-15~24	-15~24	-15~24



Basic

- | | |
|---|---|
| <p> 1. Auto
Auto mode can be realized by remote controller or wired controller.</p> <p> 2. Cool
Cooling mode can be realized by the remote controller or the wired controller.</p> <p> 3. Dry
Dehumidifying mode can be realized by remote controller or wired controller.</p> | <p> 4. Fan
Fan mode can be realized by remote controller or wired controller.</p> <p> 5. Hot
Heating mode can be realized by remote controller or wired controller.</p> |
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Comfort

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| <p> 6. Anti-Cold Air
Prevent the cold air from blowing out during air conditioning heating. Once the heating function is turned on, enjoy the warmth immediately.</p> <p> 7. Auto Swing
Auto swing improve distribution of cooling, make you feel more comfortable.</p> <p> 8. Faster Cooling
Achieve fast cooling with high running frequency compressor, powerful fan, advanced air duct, heat-exchange system.</p> <p> 9. Front Desk Control
The 3D airflow panel can offer even airflow and wide airflow coverage to keep every corners of your room cool or warm.</p> | <p> 10. Louver Position Memory
The panel louver restarts automatically at the original settings after power failure.</p> <p> 11. Multi Zoning
Allows up to XX individual climate zones with one indoor unit.</p> <p> 12. Round Flow
"Round air supply optimizes room airflow, ensure the comfortable airflow goes to every corner and the temperature perfectly balance the integral space."</p> <p> 13. Sleep Mode
Press the SLEEP button, and the operation mode changes from adult SLEEP, elderly SLEEP, youth SLEEP and children SLEEP to closed SLEEP mode. Adjust the temperature curve according to different SLEEP modes. The temperature curve is customized within 8 hours according to the needs of different groups of people.</p> |
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Efficiency

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| <p> 14. All DC (Full DC)
DC compressor + DC indoor & outdoor motors + EXV.</p> <p> 15. Moter Hi-Smart
Advanced inverter technology makes Hisense the inverter expert.</p> | <p> 16. Timer-24h
Set a specific time during the day to have the AC automatically turn on or off.</p> |
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Flexible

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| <p> 17. Duct Static Pressure Setting
It is possible to adjust the ESP setting via wired controller. And the precision of 1 Pa can give the most accurate ESP setting in class.</p> <p> 18. Easy Cardboard
Guide Cardboard makes it easy to install hook of the indoor unit.</p> <p> 19. Easy Cleaning Filter
The filter can be easily taken out, and easy to install.</p> <p> 20. Emergency Use
Emergency Key can be used to start the AC when the remote controller or wired controller doesn't work.</p> | <p> 21. ESP Self-adaptable
The ESP accuracy of 1 Pa provides the most flexible adjustment of ESP to ensure a suitable environment conditions.</p> <p> 22. High Ceiling Application (3m/4m)
The wired controller can be used to adjust the airflow according to the installation height and ensure that cool air blows down to people's activity area.</p> <p> 23. Long-term Filter
By using a long-acting filter screen, avoid frequent filter cleaning.</p> <p> 24. Washable Filter
The filter can be cleaned for repeated use.</p> |
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

Healthy

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| <p> 25. Fresh Air Intake
"Fresh air intake interface is reserved on the side panel, which can be connected to air duct to introduce fresh air into the room with fresh air intake function, the indoor air is fresh and healthy."</p> <p> 26. Healthy Drain Pan
Antibacterial Module can effectively purify condensed water and provide more healthy air supply.</p> | <p> 27. No Wet Fin
After turning off the AC, the indoor fan will continue running for 30 seconds, the evaporator and other parts of the indoor unit will be blown dry, prevent mildew growth.</p> <p> 28. Self-Cleaning
Self-clean technology of evaporator can keep your air conditioner clean and reduce bacteria, microorganisms, oil stains and so on, via a frosting and defrosting cycle.</p> |
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Smart

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| <p> 29. 0.1°C Display/YXE-E01U(E)
8°C display and 0.5°C control can be realized.</p> <p> 30. 8°C Special Heating
During absence, the indoor temperature can be maintained at a certain level.</p> <p> 31. Auto Restart
The unit restarts automatically at the original settings after power failure.</p> <p> 32. BACnet Gateway
The indoor unit can be connected to BMS system of the BAC net protocol by coordinating with B544E communication box.</p> <p> 33. °C/°F Exchange
Celsius and Fahrenheit can be converted to each other to meet different needs.</p> <p> 34. Central Control
Central Control can be realized with the help of central controller and communication box.</p> <p> 35. Child Lock
By setting the key lock, effectively avoid misoperation setting.</p> <p> 36. Deep Cool/Infrastructure Cooling
"Remove in a reliable, efficient and flexible way the heat constantly generated by the IT and server equipment to ensure maximum uptime while offering the best return on investment."</p> <p> 37. Display Switching
The wired controller can be set to display ambient temperature and set temperature.</p> <p> 38. Energy Consumption Monitor
Power consumption can display on the CONNECT LIFE APP. (The user can check the power consumption on the APP)</p> <p> 39. Error Alarm Port
When failure occurs, PCB port will output 12VDC signal for alarm (it highlights remote alarm, 12VDC can be linked to alarm lights, also alarm bells can be installed. Competitors use alarm bells)</p> <p> 40. Error Code Display
We can identify the Error code through the panel display. When there is an error, the error code will flash. It is easier for us to troubleshoot.</p> <p> 41. Filter Cleaning Remind
If the AC runs for a long time, it will remind the user of cleaning the filter.</p> | <p> 42. Humidity Sensor
In dry mode, the room relative humidity can be displayed by wired controller.</p> <p> 43. I Feel
The remote control is equipped with a temperature sensor to feel in with in the surrounding temperature.</p> <p> 44. I See
With high-precision people sensing function, AIR FOLLOW YOU and AIR AVOID YOU can be realized.</p> <p> 45. Individual Airflow Control
Each deflector can be controlled separately by a wired controller.</p> <p> 46. KNX Gateway
The indoor unit can be connected to BMS system of the KNX protocol by coordinating with B545E communication box.</p> <p> 47. On-Off Fire Alarm
With the fire control, the A/C will be turned OFF automatically when the smoke detector alarm is activated.</p> <p> 48. On-Off All On/All Off
A kind of special control mode to achieve the control of indoor unit startup & shutdown based on the input state of the fire protection port of the indoor unit and output the fault status of indoor unit through OUT INPUT port.</p> <p> 49. Setpoint Range Set
The setting of temperature range can be modified by the wired controller (manual modification can be realized).</p> <p> 50. Temperature Compensation
The ambient temperature monitored by the AC can be modified by the wired controller (Manual adjustment after the initial test).</p> <p> 51. Voice Command
When the air conditioner is connected to Wi-Fi through the Hisense module, you can control the air conditioner by voice via Amazon or Google speakers.</p> <p> 52. Weekly Schedule Timer
Timer can be set to start operation anytime on a daily or weekly basis.</p> <p> 53. Wifi Ready
The product is equipped with WIFI port. When WIFI function is needed, customers can purchase WIFI module.</p> <p> 54. Wireless Remote Receive
The wired controller can receive the control signal sent by the remote controller.</p> |
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Stability

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| <p> 55. High-lift Pump
The maximum lift of Hisense high lift pump components can be as high as 1400mm.</p> <p> 56. Inner Pump Standard
Inner water pump to drain the condensate water.</p> <p> 57. Modbus Gateway
The indoor unit can be connected to BMS system of the Modbus protocol by coordinating with B544E communication box.</p> | <p> 58. Outer Pump Optional
External water pump to drain the condensate water.</p> <p> 59. Water Level Switch
The float switch can ensure the water always under the safety level, even if the pump failed or the drain is blocked.</p> |
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ACCESSORIES


Wired Controller

Model	Applicable Types	Dimension(W*H*D)	
HACW02	high static ducted& cassette	120mm*120mm*19mm	


Zone Wired Controller

Model	Applicable Types	Dimension(W*H*D)	
HACZ01	high static ducted	120mm*120mm*17mm	


Zone control interface

Model	Description	Applicable Types	Dimension(W*H*D)	
HAAZ01	8 zone,24V	high static ducted	335mm*231mm*81mm	

Zone APP

Model	Applicable Types	
HACZ01 built in wifi	high static ducted	


APP

Model	Applicable Types	
HACZ01	high static ducted cassette	


Hi-NANO generator

Model	Connection	Applicable Types	
Hinano-01A	from indoor unit PCB terminal	high static ducted	

HI-NANO cassette panel

Model	Applicable Types	
PE-QFA/CDH	cassette	

Wireless controller

No.	Model	Applicable Types	
1	R2-01	high static ducted	
2	RCH-RVD01	cassette	

Adaptor for Central Controller

Model	Applicable Types	Dimension(W*H*D)	
B544(E)	high static ducted cassette	134mm*180mm*21mm	

Central Controller

Model	Applicable Types	Dimension(W*H*D)	
YJE-C01T(E)	high static ducted cassette	120mm*120mm*19mm	



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

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