

Hisense



Air Conditioner Catalogue for UAE



Introduction of Hisense

Founded in 1969, Hisense is a world leader in Smart TVs, household appliance 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 14 consecutive years since 2004. Currently, Hisense boats more than 20 subsidiaries and 18 overseas companies which is USA, Australia, Canada, Mexico, South Africa, UK, Germany, France, Italy, Spain, UAE, etc. 7 overseas R&D centers and 3 overseas production bases which is located in South Africa, Mexico and Czech Republic.

Hisense products are sold in more than 130 countries with sales revenue of USD \$17.56 billion in 2017. 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, Integrity, Quality and Responsibility is Hisense culture. Every year, Hisense Invest more than 5% of annual sales revenue in R&D, further more Hisense have Strategic cooperation with MIT Media Lab since 2012. In 2015 Hisense launched the China's first independently-developed high-end image processing chip which is Hi-View Pro chipset. In the same year, Hisense ULED TV got "Annual Display Tech Gold Award" which issued by the authority of the International Data Group (IDG) at CES in Las Vegas.

In April 2017, FIFA announced Hisense as the official sponsor of the 2018 FIFA World Cup, Hisense becoming the first-ever Chinese consumer electronics brand to sponsor the tournament. In addition, Hisense televisions will be the official televisions for FIFA 2018. In Jan 2016, UEFA announced Hisense as the global sponsor of UEFA EURO 2016, that was the first-ever sponsorship deal with a Chinese company in the championship's 56-year history. In April 2015, Hisense became a Team Supplier to Infiniti Red Bull Racing, enabling Hisense to show case high-end technology and raise global brand awareness. Meanwhile, Hisense is the official television and refrigeration supplier of the Australian Open, also Hisense is in partnership with FC Schalke 04 football team in Europe and the partner for NASCAR racing in US.

نبذة عن هايسنس

تأسست هايسنس في عام ١٩٦٩، وهي أحد الشركات الرائدة على المستوى الدولي في أجهزة التلفاز الذكية، والأجهزة المنزلية، وأجهزة الاتصالات المتنقلة. ويعمل فيها أكثر من ٧٥,٠٠٠ شخص في جميع أنحاء العالم، واحتلت المرتبة رقم ١ في سوق التلفزيونات المسطحة في الصين لمدة ١٤ عام متتالية منذ عام ٢٠٠٤. وتفتخر هايسنس الآن بأن لديها أكثر من ٢٠ شركة تابعة لها و ١٨ شركة خارجية في الولايات المتحدة الأمريكية وأستراليا وكندا والمكسيك وجنوب أفريقيا والمملكة المتحدة وألمانيا وفرنسا وإيطاليا وإسبانيا والإمارات العربية المتحدة، وغيرها من الدول، بالإضافة إلى ٧ مراكز للبحث والتطوير في الخارج و ٣ قواعد للإنتاج في الخارج تقع في جنوب أفريقيا والمكسيك وجمهورية التشيك.

وتباع منتجات هايسنس في أكثر من ١٣٠ دولة، ووصلت عائدات مبيعاتها إلى ١٧.٥٦ مليار دولار أمريكي في عام ٢٠١٧. وبالإضافة إلى ذلك، عقدت هايسنس شراكات استراتيجية مع شركات عالمية معروفة مثل آي بي إم، وهيتاشي، وويرلبو، بهدف تطوير وتسويق المنتجات والخدمات المختلفة.

ومبادئ هايسنس هي التكنولوجيا، والنزاهة، والجودة والمسؤولية. كما تقوم هايسنس في كل عام باستثمار أكثر من ٥% من عائدات مبيعاتها السنوية في البحث والتطوير، وبالإضافة إلى ذلك، عقدت الشركة تعاون الاستراتيجي مع مختبر وسائل الإعلام التابع لمعهد ماساتشوستس للتكنولوجيا منذ عام ٢٠١٢. كما أطلقت هايسنس، في عام ٢٠١٥، أول رقاقة مطورة بشكل مستقل في الصين لمعالجة الصور الفائقة وهي "هاي فيو برو تشيبست". وفي نفس العام، حصل تليفزيون يو إل إي دي الذي أنتجته هايسنس على "الجائزة الذهبية السنوية لتقنية شاشات العرض" التي تمنحها هيئة مجموعة البيانات الدولية في معرض الإلكترونيات الاستهلاكية في لاس فيغاس.

أعلن الإتحاد الدولي لكرة القدم (فيفا)، في أبريل ٢٠١٧، عن أن هايسنس ستكون الراعي الرسمي لكأس العالم ٢٠١٨، لتصبح أول شركة إلكترونيات استهلاكية صينية تقوم برعاية بطولة دولية. وبالإضافة إلى ذلك، ستكون أجهزة تلفزيون هايسنس التلفزيونات الرسمية لكأس العالم ٢٠١٨. كما أعلن الاتحاد الأوروبي، في يناير ٢٠١٦، أن هايسنس ستكون الراعي الدولي لبطولة كأس الأمم الأوروبية يورو ٢٠١٦، وكانت تلك أول صفقة رعاية مع شركة صينية في تاريخ البطولة الذي استمر لمدة ٥٦ عاما. كما أصبحت هايسنس، في أبريل ٢٠١٥، أحد موردي فريق سباق انفينتي رد بول، ويتيح ذلك لشركة هايسنس بعرض تكنولوجيتها الراقية ورفع الوعي بعلاقتها التجارية على المستوى العالمي. وفي الوقت نفسه، كما أن هايسنس هي منتجة التلفزيون الرسمي ومورد أجهزة التبريد الرسمية لبطولة أستراليا المفتوحة للتنس، كما أبرمت هايسنس شراكة مع نادي شالكه ٠٤ لكرة القدم في أوروبا وشراكة لسباقات ناسكار في الولايات المتحدة.

Our Mission

is to deliver an enhanced customer experience that exceeds expectations with every product we sell. From our product's leading-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 beaten path, choose Hisense, where innovation meets value.

Hisense life reimagined





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Categories	Series	Capacity Range	12K	18K	24K	30K	36K		
RAC (Wall Mounted Unit)	Tropical Inverter Type Series	(1.5 TR - 2 TR)	X				X		
	Tropical Rotary R410A On/Off Series	(1.5 TR - 3 TR)	X						
	Tropical Reciprocating R22 On/Off Series	(1.5 TR - 3 TR)	X						
	Tropical Rotary R22 On/Off Series	(1.5 TR - 3 TR)					X		
Type	Series	Capacity	12K	18K	24K				
Window	Tropical Window Ac R410A On/Off Series	(1.5 TR - 2 TR)	X						
Portable	Portable Ac R410A	(0.75 TR - 1 TR)							
Type	Series	Capacity	18K	24K	30K	36K	42K	48K	60K
LIGHT COMMERCIAL AIR CONDITIONER	T3 Ducted Split R410A On/Off Series	(1.5 TR - 5 TR)							
	T3 Cassette Type R410A On/Off Series	(1.5 TR - 2 TR)			X		X		X
	T3 Floor Standing R410A On/Off Series	(3 TR - 5 TR)	X	X	X		X		
	T3 Ducted Split R410A Inverter Series	(1.5 TR - 3 TR)			X		X	X	X

Energy Saving ▼

 Twin Rotary DC Inverter Compressor	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.	 Full Process by DC Drive	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.
 Electronic Expansion Valve	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.	 Golden Fin	Golden Fin Anti-corrosion, better hydrophilic coating, higher heat exchange efficiency.
 Soft Start	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.	 Self Evaporative System	Self Evaporative System
 High Efficient Layout	High Efficient Layout The layout of this exchanger creates a bigger heat-exchanging surface that allows for better thermal efficiency.	 1W	1W standby

Comfort ▼

 Wide-Angle Louvers	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	Low Voltage Running Works perfectly while running on low voltage.
 Super Cooling	Super Cooling Press the "SUPER" button on the remote controller to immediately feel the cool air you desire.	 I Feel	I Feel The remote control measures the room temperature and relays the information to the unit to adjust to the proper station.

Health ▼

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

Lifestyle Convenience ▼

 Smart Running	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	24hr Timer Set a specific time during the day to have the AC automatically turn on or off.	 Dimmer	Dimmer Press this button to shut off the display light on the front panel.
 Emergency Operation	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	Easy Cleaning Panel and PP Filter The panel and filter can be easily detached for cleaning.	 Auto Restart Function	Auto Restart Function The AC will resume operation as soon as power is restored without manually resetting the controls.

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.



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.

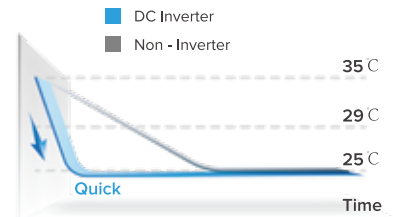
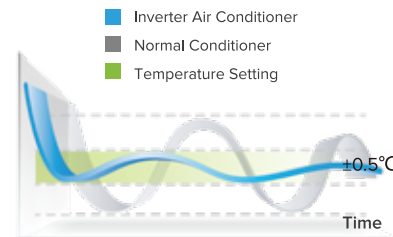
Soft Start

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





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 ▶



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.

Intelligent Wifi Control ▶

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



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

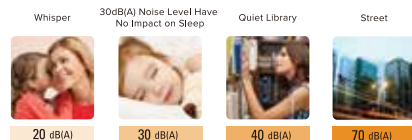


Easy Installation

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



16.5 dB(A)

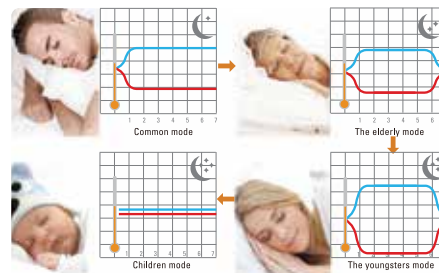


Super Quiet Mode ◀

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.

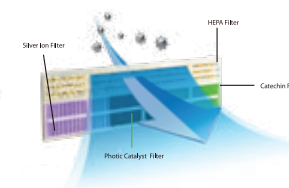


Nanoe ▶

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.

Photocatalyst Filter

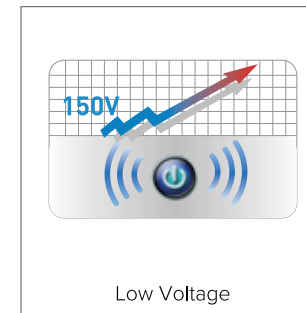
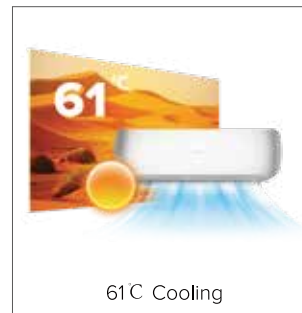
Eliminates pyococcus, germs, odors. And it is easily replenished by placing it in sunlight for 6-8 hours.

HEPA Filter

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

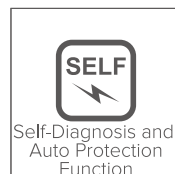
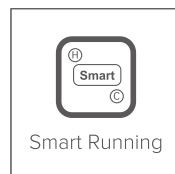
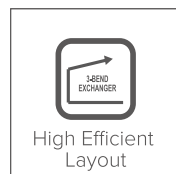
Aroma Filter

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



DC inverter R410A series

R410A



Model No.		AS-18TF4SBATG02	AS-24TF4SBBTG00	AS-30TF4SDKVQ00
Type		T3,Cooling Only	T3,Cooling Only	T3,Cooling Only
Capacity T1 indoor dry/wet (°C) 27/19 Outdoor dry/wet (°C) 35/24	Btu/h	18000	22000	27600
Sensible Capacity T1	Btu/h	16020	19580	24564
Capacity T3 indoor dry/wet (°C) 29/19 Outdoor dry/wet (°C) 46/24	Btu/h	15500	18500	24200
Sensible Capacity T3	Btu/h	13950	16650	21780
Moisture Removal	L/H.r	1.8	2.3	2.8
Air Circulation	CMH Max	1000	1200	1800
T1 EER for Cooling	Btu/h.W	12.25	12.25	12.10
T3 EER for Cooling	Btu/h.W	8.90	8.50	8.80
COP for Heating	W/W			
Energy Class		ESMA 5 STAR	ESMA 5 STAR	ESMA 5 STAR
Refrigerant (Type / kg)		R410A	R410A	R410A
Indoor Unit Noise Level	High(dB (A))	44	46	49
	Low(dB (A))	39	41	44
Outdoor Unit Noise Level	dB (A)	55	58	59
Voltage, Frequency, Phase		220-240V/50Hz/1P	220-240V/50Hz/1P	220-240V/50Hz/1P
Rated Current	Cooling(Amp.)	6.6	8	10.3
Compressor type		Rotary	Rotary	Rotary
Compressor MFG		Highly	Highly	GMCC
Expansion Device		Electrical Expansion valve	Electrical Expansion valve	Electrical Expansion valve
Liquid Pipe	inch	1/4	3/8	3/8
Gas Pipe	inch	1/2	5/8	5/8
Net Dimensions WxHxD (mm)	Indoor Unit	960×315×230	1131×315×230	1350×367×266
	Outdoor Unit	860×650×310	860×650×310	885×795×366
Net Weight (Kg)	Indoor Unit	12.5	14.5	19.5
	Outdoor Unit	44	49	58
Packing Dimensions WxHxD (mm)	Indoor Unit	1022×380×302	1220×400×310	1425×435×325
	Outdoor Unit	995×445×730	995×445×730	1050×910×500
Gross Weight (Kg)	Indoor Unit	15.5	19	23
	Outdoor Unit	49	54	64
Loading Capacity (40°C)		67/142/156	60/128/144	42/82/96
Approvals		GCC	GCC	GCC



T3
Light Commercial
Air Conditioner



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.

2 Ways of Air Intake

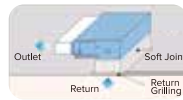
If the distance between the unit and wall is limited, you can choose the bottom air intake by tearing down the bottom board unit for ease and more flexibility.
Note: The bottom air intake is 5dB higher than the back air intake, so it's recommended to use the latter.



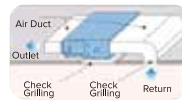
Front air flow,
bottom air intake



Front air flow,
back air intake



Bottom air intake

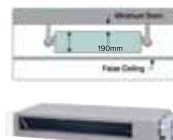


Back air intake

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.



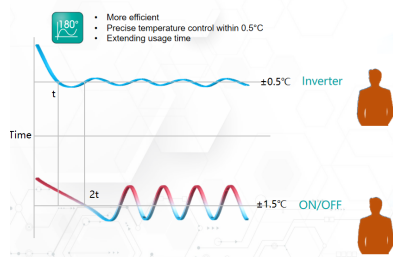
Low pressure switch High pressure switch



Model	AUD-18CTX45FL	AUD-24CTX45DL	AUD-30CTX45AH	AUD-36CTX45TH	AUD-42CTX65PH	AUD-48CTX65PH	AUD-60CTX65PH	AUD-60CTX65PH1
Indoor model	AUD-18CTX45LL	AUD-24CTX45LL	AUD-30CTX45SH	AUD-36CTX45SH	AUD-42CTX45SH	AUD-48CTX45SH	AUD-60CTX45SH	AUD-60CTX45SH
Outdoor model	AUW-18CT45F	AUW-24CT45D	AUW-30CT45A	AUW-36CT45T	AUW-42CT65P	AUW-48CT65P	AUW-60CT65P	AUW-60CT65P1
Power supply	V-ph-Hz	220-240-1-50	220-240-1-50	220-240-1-50	220-240-1-50	380-415-3-50	380-415-3-50	380-415-3-50
Power factor	0.94	0.96	0.96	0.92	0.793	0.732	0.738	0.84
Max. input consumption	W	2200	3050	3100	4000	4950	5700	6600
Max. input current	A	11.5	14.5	14.0	20.0	9.2	10.5	13.5
Capacity T1 indoor dry/wet (°C) 27/19	Btu/h	18000	23600	28320	34100	42650	47000	51500
Outdoor dry/wet (°C) 35/24	Btu/h	16020	21004	25205	30349	37959	41830	45835
Sensible Capacity T1	W	5275	8300	10000	12500	15093	17292	19293
Capacity T1	W	1500	2005	2300	2845	3560	3920	4300
Input T1	A	6.6	8.7	10.5	13.5	6.6	7.9	8.3
Current	W/W	3.51	3.45	3.61	3.51	3.51	3.51	3.63
EER T1	btu/h/w	11.98	12.32	12.32	11.99	11.98	11.99	12.39
Capacity T3 indoor dry/wet (°C) 29/19	Btu/h	16000	20500	24000	30370	36500	40364	42650
Outdoor dry/wet (°C) 46/24	Btu/h	14400	18450	21600	27333	32850	36328	38385
Sensible Capacity T3	W	4690	7034	8900	10700	12500	14299	15240
Capacity T3	W	1800	2375	2710	3560	4120	4550	4800
Input T3	W/W	2.60	2.53	2.60	2.5	2.6	2.6	2.67
EER T3	btu/h/w	8.63	8.63	8.87	8.53	8.87	8.87	9.11
fan motor Model	SIC-70CW-F195-1	SIC-70CW-F195-1	SIC-101CW-F1250-4	SIC-101CW-F1250-4	SIC-101CW-F1250-4	SIC-101CW-F1250-4	SIC-101CW-F1250-4	ZW702000002
Output	W	95	95	250	250	250	250	560
Speed(Hz/Mod/Lo)	r/min	1000/920/820	1180/1020/960	850/800/720	970/900/800	1050/900/830	1140/1000/900	900/840/780
Compressor Model	PA185G2CS-7KTS	ASH232GV-C8DQ	ASH288UV-C8DU	ATH345MV-C9EU	ATE440UC3Q9PK	Z154KHE-TFM-52E	ZP57K3E-TFD-52E	ABT061YTA
Type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	Scroll	Scroll	Scroll
Brand	GMCC	Highly	Highly	Highly	Highly	Copeland	Copeland	LG
Capacity	Btu/h	15900	19585	23815	28660	38215	45000	51500
Input	W	1480	1905	2320	2830	3590	4240	4725
Rated current(RLA)	A	6.6	9.2	10.9	13.3	6.70	7.9	8.1
Locked rotor Amp(LRA)	A	42	60	60	71	69.0	72	63
Thermal protector position	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL
Capacitor	μF	55	60	70	70	NA	NA	/
Refrigerant oil	ml	RB75EA/700	α68HES-H/570	HA6F801/570	α68HES-H/880	α68HES-H/1600	3MAF POE/1242	POE(RB68A)/1360
Fan Model /Qty	Y656A3C052G/1	Y65669D209/1	YDK95-9063A/1	SIC-81FW-1138-1/1	65-6-9546A/YW65-6-954	SIC-71FW-08121/2	SIC-71FW-08121/2	YDK95-6-9579A/YDK95-6-9580A/2
Output	W	103	95	138	65/65	121/121	121/121	146/146
Capacitor	μF	4	6	4	NA	4	NA	4
Speed	r/min	870	900	790	830	700/700	790/790	790/790
Outdoor noise level (sound pressure)	dB(A)	55	60	55	62	56	60	60
Throttle Valve	Throttle Valve	Throttle Valve	Throttle Valve	Throttle Valve	Capillary	Capillary	Capillary	Capillary
Dimension(WxDxH)	mm	860×310×650	885×366×795	950×340×840	950×340×1050	950×340×1386	950×340×1386	950×340×1386
Packing(WxDxH)	mm	990×450×730	1050×500×890	1110×460×910	1110×460×1200	1110×460×1530	1110×460×1530	1110×460×1530
Net/Gross weight	kg	48/54	59/62	60/65	83/86	98/112	106/120	118/132
Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Charged volume	kg	1.50	2.00	2.20	2.80	3.40	4.20	4.50
H/L	MPa	4.8/1.5	4.8/1.5	4.4/1.5	4.4/1.5	4.4/1.5	4.15/1.5	4.5/1.5
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1.2")	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ19.3(3/8"/3/4")	Φ9.52/Φ19.3(3/8"/3/4")	Φ9.52/Φ19.3(3/8"/3/4")	Φ9.52/Φ19.3(3/8"/3/4")	Φ9.52/Φ22.2(3/8"/7/8")
Max. pipe length	m	30	30	30	50	50	50	50
Max. difference in level	m	15	15	20	20	30	30	30
Cooling	°C	15-55	15-55	15-55	15-55	15-55	15-55	15-55
Loading capacity	Indoor+Outdoor	43/90/98	31/70/78	22/49/56	20/39/51	19/39/42	19/39/42	13/30/37

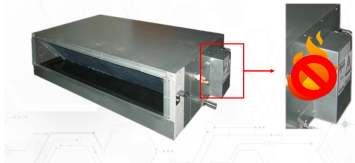
Remarks: 1. The above design and specifications are subject to change without prior notice for product improvement.
2. The values given in the table for noise level reflect the levels in anechoic chamber.

180° SINE WAVE CONTROL TECHNOLOGY



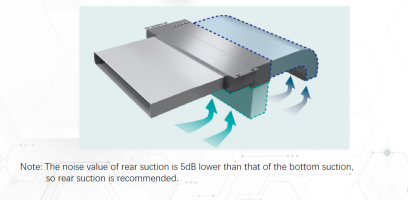
SAFETY PROTECTION

Metal control box--anti-fire design for PCB



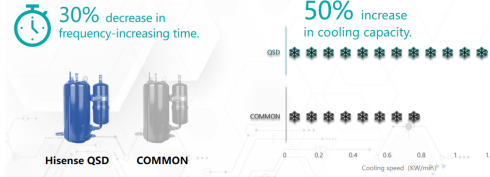
FLEXIBLE INSTALLATION

Air suction direction can be altered from rear to bottom, giving a choice between free use and connection to optional suction grilles.



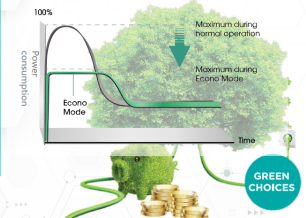
QSD-FAST COOLING

- **No.1** CLOSED-LOOP BLDC Startup in industry
- Updating algorithm



SAVING ENERGY

When turned on, Hisense Dual-mode inverter AC saves power consumption by **20%**, compared to ordinary inverter AC.



SILENT



R410A



Model			AUD-18UTX2SLL	AUD-24UTX2SKDH	AUD-36UTX2SNHH
Indoor model			AUD-18UX2SLL	AUD-24UX2SDH	AUD-36UX2SHH
Outdoor model			AUW-18UT2SJ	AUW-24UT2SK	AUW-36UT2SN
Power supply		V-ph-Hz	220~240-1-50/60	220~230-1-60	220~240-1-50/60
Power factor			0.98	0.98	0.98
Max. input consumption		W	2700	4230	3850
Max. input current		A	14	18	17.5
Capacity Cooling (Indoor temperature 27/19 outdoor temperature 35/24)	Capacity T1	Btu/h	18160	23750	30880
	Capacity T1	W	5322	6961	9050
	Input T1	W	1465	1915	2490
	Current T1	A	6.8	8.9	11.6
	EER T1	W/W	3.63	3.63	3.63
	EER T1	btu/h/w	12.40	12.40	12.40
Capacity Cooling (Indoor temperature 24/17 outdoor temperature 46/29)	Capacity T3	Btu/h	17630	22250	28490
	Capacity T3	W	5167	6521	8350
	Input T3	W	2026	2557	3020
	Current T3	A	9.40	11.86	14.01
	EER T3	W/W	2.55	2.55	2.55
	EER T3	btu/h/w	8.7	8.7	8.7
Heating	Capacity	Btu/h	17742	24908	35997
	Capacity	W	5200	7300	10550
	Input	W	1444	1921	2769
	Current	A	6.7	8.9	12.8
	COP	btu/h/w	12.28	12.97	13.00
	COP	W/W	3.6	3.8	3.81
Indoor air flow Rated(Hi/Med/Lo)		m ³ /h	1300/1000/800	1850/1400/800	2100/1800/1500
Indoor air flow Rated(Hi/Med/Lo)		CFM	765/588/470	1088/823/407	1235/1059/882
ESP	Rated	Pa	35.00	35	37+10
	Range	Pa	0~80	0~80	0~150
Indoor noise level (Hi/Med/Lo)		dB(A)	43/41/38	45/43/40	47/45/42
Indoor unit	Dimension (WxHxD)	mm	900x270x720	1140x720x268	1300x350x800
	Packing(LxWxH)	mm	1170x870x340	1330x870x360	1550x1010x940
	Net/Gross weight	kg	30/35	34/41	51.0/60.0
Design pressure		MPa	4.8/1.5	4.8/1.5	4.8/1.5
Drainage water pipe diameter		mm	De32	De32	ODØ32
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ19.05(3/8"/3/4")
Controller			Wired control	Wired control	Wired control
Operation temperature		℃	16~30	16~30	16~30
Room temperature	Cooling	℃	16~30	16~30	16~30
	Heating	℃	16~30	16~30	16~30
Outdoor noise level (sound pressure)		dB(A)	55	59	57
Outdoor unit	Dimension(WxHxD)	mm	860x670x310	930x760x400	900x1170x320
	Packing(LxWxH)	mm	990x450x730	1060x450x820	970x1300x430
	Net/Gross weight	kg	43/47	56/60	待定
Refrigerant type/Quantity	Type		R410A	R410A	R410A
	Charged volume	kg	1.5	2.2	3.0
Design pressure		MPa	4.8/1.5	4.8/1.5	4.8/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ19.05(3/8"/3/4")
	Max. pipe length	m	30	30	50
	Max. difference in level	m	15	15	30
Ambient temperature	Cooling	℃	15-61	15-61	15-61
	Heating	℃	-7-24	-7-24	-7-24
Qty/per 20' /40' /40'HQ		Indoor+Outdoor	40/90/98	33/65/77	

AUD-18UTX2SJLL

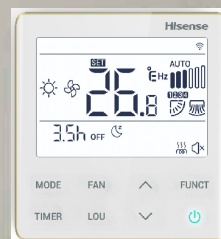
Fan Speed	Air Flow Rate		ESP		Entering Air DBT		Outdoor Air Bulb Tempreture95°F (35°C)											
							Indoor Air Bulb Tempreture°F (°C)											
							63°F (17°C)				67°F (19°C)				72°F (22°C)			
	Total Capacity	Sensible Capacity	Total Capacity	Sensible Capacity	Total Capacity	Sensible Capacity												
m3/h	cfm	Pa	in. wg	°C	°F	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	
H	1300	765	35	1.38	23.0	73.4	4649	15863	4091	13960	5109	17432	3985	13597	5518	18827	3807	12991
					24.0	75.2	4746	16194	4224	14413	5216	17795	4225	14414	5633	19219	4112	14030
					27.0	80.6	4843	16524	4359	14872	5322	18159	4417	15072	5748	19611	4368	14905
					31.0	87.8	4940	16855	4495	15338	5428	18522	4614	15744	5863	20004	4632	15803
M	1000	588	35	1.38	23.0	73.4	4556	15546	3929	13407	5007	17084	3827	13059	5407	18450	3657	12476
					24.0	75.2	4651	15870	4057	13842	5111	17440	4057	13844	5520	18835	3949	13474
					27.0	80.6	4746	16194	4186	14283	5216	17795	4242	14475	5633	19219	4195	14314
					31.0	87.8	4841	16518	4317	14731	5320	18151	4431	15120	5745	19604	4448	15177
L	800	471	35	1.38	23.0	73.4	4463	15229	3771	12865	4905	16735	3673	12531	5297	18074	3509	11972
					24.0	75.2	4556	15546	3893	13283	5007	17084	3893	13284	5407	18450	3790	12930
					27.0	80.6	4649	15863	4017	13706	5109	17432	4071	13890	5518	18827	4026	13736
					31.0	87.8	4742	16181	4143	14135	5211	17781	4252	14509	5628	19203	4268	14564
Fan Speed	Air Flow Rate		ESP		Entering Air DBT		Outdoor Air Bulb Tempreture115°F (46°C)											
							Indoor Air Bulb Tempreture°F (°C)											
							63°F (17°C)				67°F (19°C)				72°F (22°C)			
	Total Capacity	Sensible Capacity	Total Capacity	Sensible Capacity	Total Capacity	Sensible Capacity												
m3/h	cfm	Pa	in. wg	°C	°F	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	
H	1300	765	35	1.38	23.0	73.4	5009	17092	4659	15896	5085	17350	4475	15268	4801	16379	3936	13431
					24.0	75.2	5166	17626	4908	16745	5216	17797	4694	16017	4901	16721	4165	14213
					27.0	80.6	5218	17804	5009	17092	5242	17886	4823	16455	5001	17062	4400	15014
					31.0	87.8	5325	18168	5218	17804	5347	18244	4973	16967	5101	17403	4591	15663
M	1000	588	35	1.38	23.0	73.4	4937	16846	4500	15354	4983	17003	4298	14663	4705	16052	3781	12899
					24.0	75.2	5040	17197	4643	15842	5112	17441	4508	15383	4803	16386	4001	13650
					27.0	80.6	5143	17548	4839	16509	5190	17707	4584	15639	4901	16721	4226	14420
					31.0	87.8	5246	17899	5038	17190	5240	17879	4776	16295	4999	17055	4409	15043
L	800	471	35	1.38	23.0	73.4	4396	15000	3925	13392	4882	16656	4124	14071	4609	15724	3628	12378
					24.0	75.2	4488	15313	4050	13818	5007	17085	4326	14761	4705	16052	3839	13098
					27.0	80.6	4580	15625	4221	14400	5032	17171	4445	15165	4801	16379	4055	13837
					31.0	87.8	4671	15938	4395	14994	5133	17514	4583	15637	4897	16707	4231	14435

AUD-24UTX2SKDH

Fan Speed	Air Flow Rate		ESP		Entering Air DBT		Outdoor Air Bulb Tempreture95°F (35°C)											
							Indoor Air Bulb Tempreture°F (°C)											
							63°F (17°C)				67°F (19°C)				72°F (22°C)			
	Total Capacity		Sensible Capacity		Total Capacity		Sensible Capacity		Total Capacity		Sensible Capacity							
m3/h	cfm	Pa	in. wg	°C	°F	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	
H	1850	1088	35	1.38	23.0	73.4	6081	20749	5351	18259	6683	22801	5212	17785	7217	24625	4980	16991
					24.0	75.2	6208	21181	5525	18851	6822	23276	5526	18853	7368	25138	5378	18351
					27.0	80.6	6335	21613	5701	19452	6961	23751	5778	19713	7518	25651	5714	19495
					31.0	87.8	6461	22046	5880	20062	7100	24226	6035	20592	7668	26164	6058	20670
M	1400	824	35	1.38	23.0	73.4	5960	20334	5139	17536	6549	22345	5006	17080	7073	24132	4783	16318
					24.0	75.2	6084	20757	5306	18105	6685	22810	5307	18107	7220	24635	5165	17624
					27.0	80.6	6208	21181	5475	18682	6822	23276	5549	18933	7368	25138	5487	18723
					31.0	87.8	6332	21605	5647	19267	6958	23741	5796	19777	7515	25641	5818	19851
L	800	471	35	1.38	23.0	73.4	5838	19919	4932	16827	6415	21889	4804	16390	6928	23640	4589	15659
					24.0	75.2	5960	20334	5092	17373	6549	22345	5092	17375	7073	24132	4957	16912
					27.0	80.6	6081	20749	5254	17927	6683	22801	5325	18168	7217	24625	5266	17966
					31.0	87.8	6203	21164	5419	18489	6816	23257	5562	18978	7362	25117	5583	19049
Fan Speed	Air Flow Rate		ESP		Entering Air DBT		Outdoor Air Bulb Tempreture115°F (46°C)											
							Indoor Air Bulb Tempreture°F (°C)											
							63°F (17°C)				67°F (19°C)				72°F (22°C)			
	Total Capacity		Sensible Capacity		Total Capacity		Sensible Capacity		Total Capacity		Sensible Capacity							
m3/h	cfm	Pa	in. wg	°C	°F	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	
H	1850	1088	35	1.38	23.0	73.4	6323	21573	5880	20063	6550	22347	5764	19666	6279	21424	5149	17567
					24.0	75.2	6520	22247	6077	20734	6718	22923	6047	20631	6410	21870	5448	18590
					27.0	80.6	6586	22472	6323	21573	6752	23038	6212	21195	6541	22316	5756	19638
					31.0	87.8	6721	22931	6586	22472	6887	23499	6405	21854	6671	22763	6004	20486
M	1400	824	35	1.38	23.0	73.4	6232	21263	5680	19379	6419	21900	5535	18887	6153	20995	4945	16872
					24.0	75.2	6362	21706	5860	19995	6584	22465	5807	19814	6282	21433	5233	17853
					27.0	80.6	6491	22149	6107	20837	6617	22578	5844	19941	6410	21870	5528	18861
					31.0	87.8	6621	22592	6359	21697	6749	23029	6151	20989	6538	22307	5766	19675
L	800	471	35	1.38	23.0	73.4	5663	19321	5056	17250	6288	21453	5312	18124	6028	20567	4745	16190
					24.0	75.2	5781	19724	5217	17799	6450	22006	5573	19013	6153	20995	5021	17132
					27.0	80.6	5899	20126	5436	18548	6482	22117	5725	19534	6279	21424	5304	18099
					31.0	87.8	6017	20529	5660	19314	6612	22559	5903	20141	6405	21852	5533	18880

AUD-36UTX2SNHH

Fan Speed	Air Flow Rate		ESP		Entering Air DBT		Outdoor Air Bulb Tempreture95°F (35°C)											
							Indoor Air Bulb Tempreture°F (°C)											
	63°F (17°C)						67°F (19°C)				72°F (22°C)							
	Total Capacity	Sensible Capacity		Total Capacity	Sensible Capacity		Total Capacity	Sensible Capacity										
m3/h	cfm	Pa	in. wg	°C	°F	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	
H	2100	1235	37	1.46	23.0	73.4	7906	26976	6957	23738	8688	29643	6777	23122	9383	32015	6474	22090
					24.0	75.2	8071	27538	7183	24508	8869	30261	7184	24511	9579	32682	6992	23858
					27.0	80.6	8236	28100	7412	25290	9050	30879	7512	25629	9774	33349	7428	25345
					31.0	87.8	8400	28662	7644	26082	9231	31496	7846	26772	9969	34016	7876	26873
M	1800	1059	37	1.46	23.0	73.4	7748	26436	6682	22798	8514	29051	6508	22206	9195	31375	6218	21216
					24.0	75.2	7909	26987	6899	23538	8692	29656	6899	23541	9387	32028	6715	22913
					27.0	80.6	8071	27538	7118	24288	8869	30261	7214	24614	9579	32682	7134	24341
					31.0	87.8	8232	28088	7341	25049	9046	30866	7536	25712	9770	33336	7564	25808
L	1500	882	37	1.46	23.0	73.4	7590	25897	6412	21877	8340	28458	6245	21309	9008	30734	5967	20358
					24.0	75.2	7748	26436	6620	22587	8514	29051	6621	22590	9195	31375	6444	21987
					27.0	80.6	7906	26976	6831	23307	8688	29643	6923	23620	9383	32015	6846	23358
					31.0	87.8	8064	27515	7045	24037	8862	30236	7231	24673	9571	32655	7258	24766
Fan Speed	Air Flow Rate		ESP		Entering Air DBT		Outdoor Air Bulb Tempreture115°F (46°C)											
							Indoor Air Bulb Tempreture°F (°C)											
	63°F (17°C)						67°F (19°C)				72°F (22°C)							
	Total Capacity	Sensible Capacity		Total Capacity	Sensible Capacity		Total Capacity	Sensible Capacity										
m3/h	cfm	Pa	in. wg	°C	°F	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	
H	2100	1235	37	1.46	23.0	73.4	8094	27616	7527	25683	8427	28754	7416	25304	8163	27853	6694	22839
					24.0	75.2	8347	28479	7512	25632	8645	29495	7780	26546	8333	28433	7083	24168
					27.0	80.6	8431	28767	8094	27616	8688	29643	7993	27272	8503	29014	7483	25532
					31.0	87.8	8603	29354	8431	28767	8862	30236	8241	28120	8673	29594	7806	26634
M	1800	1059	37	1.46	23.0	73.4	7978	27219	7271	24808	8259	28179	7122	24302	8000	27296	6429	21935
					24.0	75.2	8144	27786	7502	25597	8472	28905	7472	25495	8167	27865	6803	23211
					27.0	80.6	8310	28353	7818	26675	8514	29051	7520	25657	8333	28433	7187	24521
					31.0	87.8	8476	28920	8140	27775	8685	29632	7915	27006	8500	29002	7497	25580
L	1500	882	37	1.46	23.0	73.4	7286	24861	6505	22196	8090	27604	6835	23320	7837	26739	6169	21049
					24.0	75.2	7438	25379	6712	22902	8299	28315	7170	24465	8000	27296	6528	22273
					27.0	80.6	7590	25897	6995	23866	8340	28458	7366	25134	8163	27853	6896	23530
					31.0	87.8	7742	26414	7283	24851	8507	29027	7595	25915	8327	28410	7194	24546



High Intelligent Control System

Wired Controller: YXC-A03U(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-A03U(E)
Power Supply	DC 12-17V
Outer Dimensions	86x86x15
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	120x120x20
Max Connectable IDU Number	1



Wired Controller: YXE-E01U(E) ▶

Features

LCD screen
Fashion appearance with crystal panel and touch buttons

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-E01 U(E)
Power Supply	DC 12-17V
Outer Dimensions	120x120x20
Max Connectable IDU Number	1



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

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