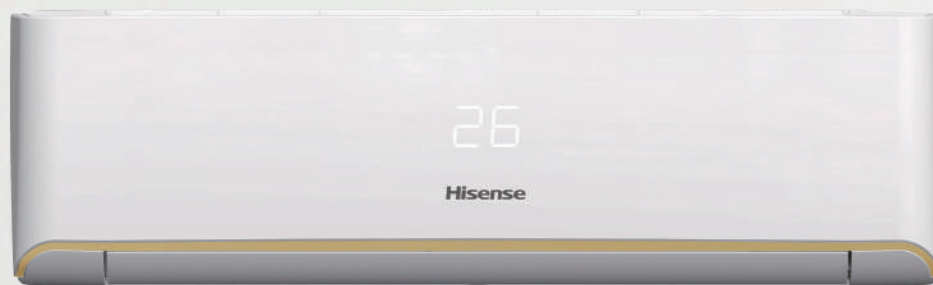


Hisense

life reimagined



Catalogue Air Conditioner

2020





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.



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

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

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

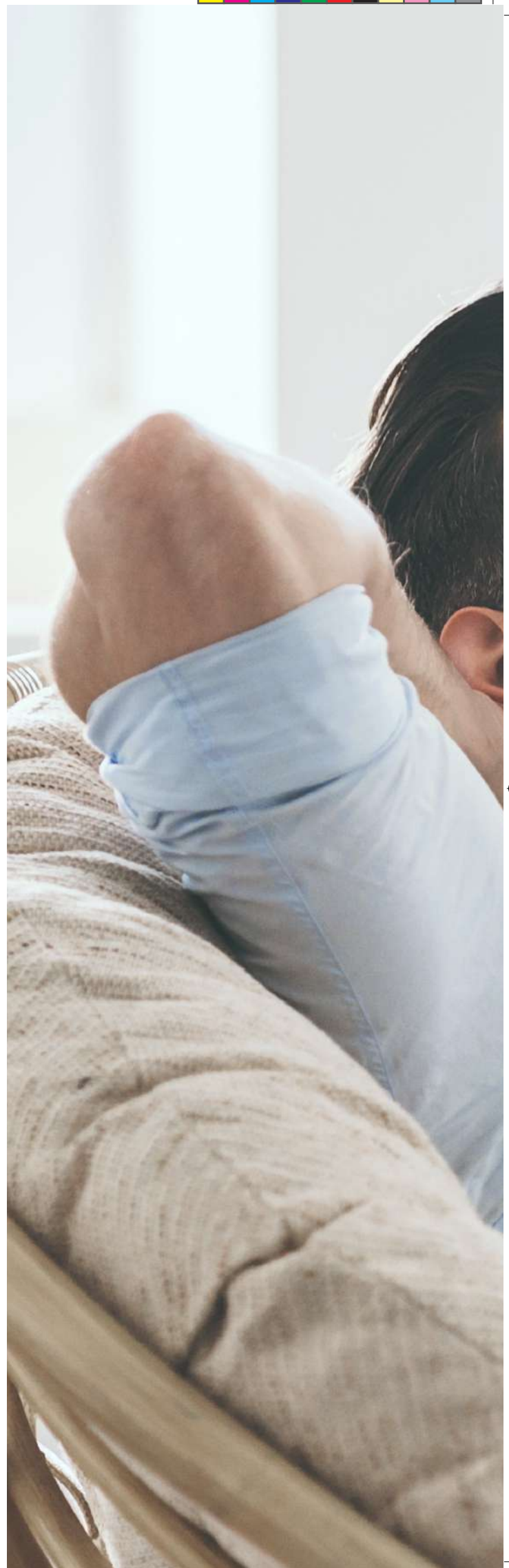
Our Mission

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 life reimagined









Contents
























- Global Market
- Line-up -08-
- Features -12-
- Wall-Mounted
 - TR Series -22-
 - Honour Golden -23-
 - Sky Blue -24-
 - Diamond Series -25-
 - Comfort Series -26-
 - Elegant Series -27-
 - Windows -28-
 - Portable -29-
- Light Commercial
 - T3 Light Commercial Air Conditioner -30-
 - Floor Standing -34-
 - Floor Standing Double Fan -35-
 - Duct Type R410a On/Off Series -37-
 - Cassette Type R410a On/Off Series -39-
 - Duct Type R22 On/Off Series -41-
 - Cassette Type R22 On/Off Series -43-
 - Outdoor Unit Type R22 On/Off Series -45-



Line up

Categories	Series	Technology	Capacity	12K	18K
Wall Split	TR - Panel	Extreme Cool			
	Honour Golden	Heating & Cooling			
	Sky blue	Cooling Only			
	Diamond	Super Cool			
	Comfort	Super Cool			
	Elegant	Super Cool			
Window		Window			
Portable		Portable			
Type	Series	Technology	Capacity	18K	24K
LIGHT COMMERCIAL AIR CONDITIONER	Floor Standing				
	Duct	T3 R22 50hz on/off			
	Cassette				
	Outdoor Unit				



24K		30K		ODU	Mode	
					Heating & Cooling T3 Inverter R410A	
					Heating & Cooling T3 R410A on/off	
					Cooling Only T3 R410A on/off	
					Heating & Cooling T3 R22 on/off	
						
						
					Heating & Cooling / Cooling Only T3 R410A on/off	
					Heating & Cooling R410A On/off	
36K		48K		60K		Mode
						Heating & Cooling
						Heating & Cooling
						Heating & Cooling
						Heating & Cooling







Hisense AC Inverter Expert

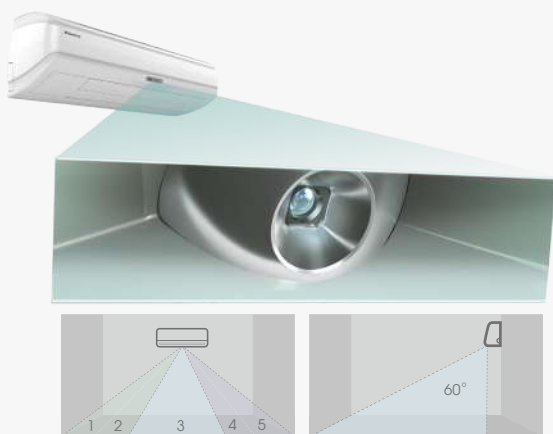
Hisense was the first to enter the inverter air conditioning field in China, and has since committed 20 years to the development and promotion of this technology. Being a pioneer of China's inverter AC industry, Hisense has accumulated unrivaled technology, experience and consumer trust over the years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

inverter expert

AI Smart

Smart Eye

Hisense smart eye can identify people's position and activity. For example, when the smart eye through infrared scanning to know that the user heating increases, the wind direction will be automatically adjusted for delivering wind to the user's area, so that the users feel cool.

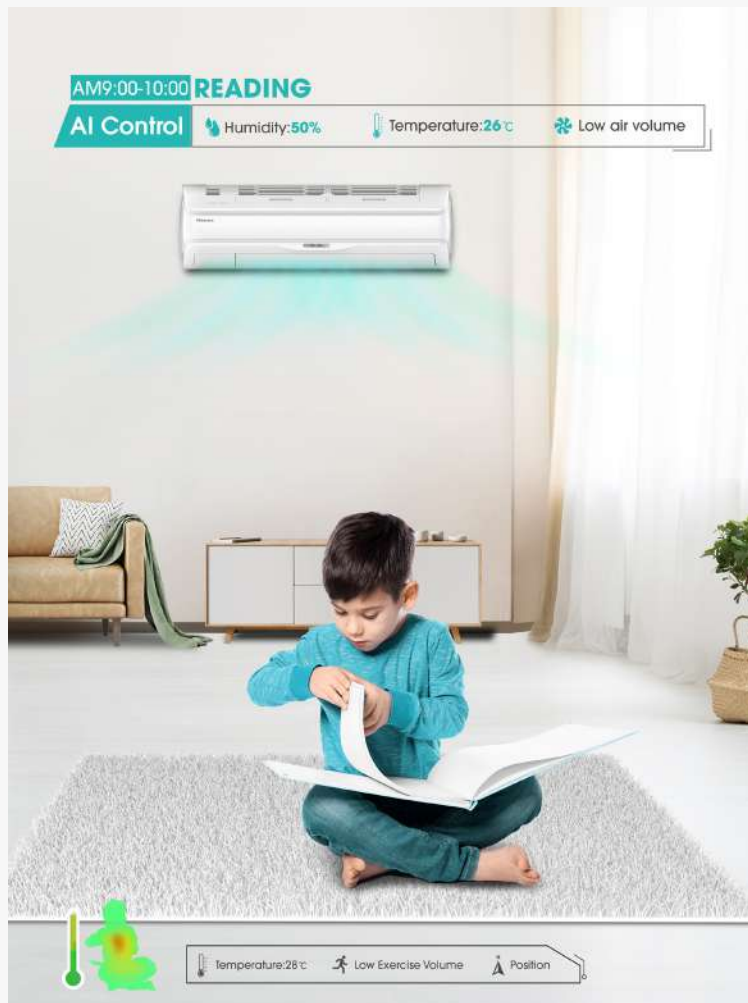


TMS Comfort Control System

Hisense TMS technology is adopted to calculate the indoor environmental parameters which fit to users. Based on six dimensions of temperature, humidity, wind speed, thermal radiation, clothing quantity and activity, Hisense air conditioner intelligently controls temperature, humidity and wind speed.



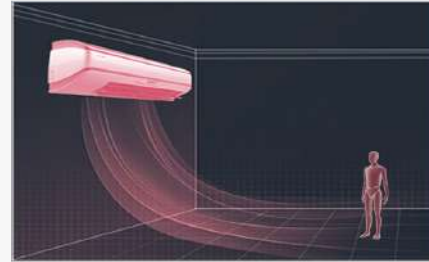
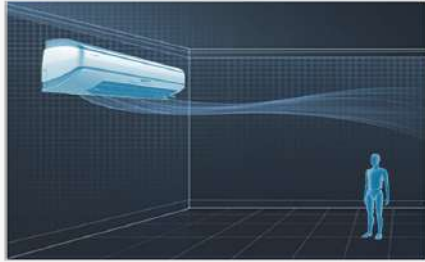
With just one button, you can wake up the intelligent air steward and control temperature, humidity, wind direction and air volume in an all-round way. You don't need to worry about how to use the air conditioner.



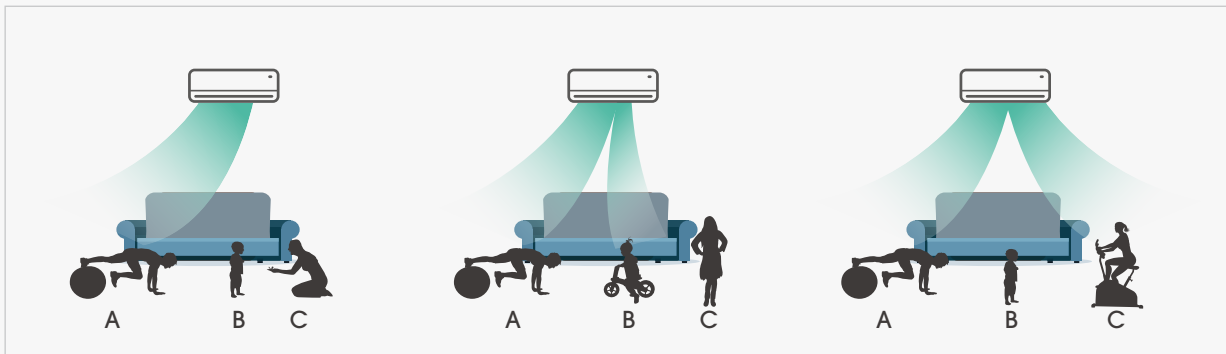
Smart Airflow

Ceiling & Floor Airflow

In summer, the cool wind comes down from the ceiling to cool the air and surround the human body with natural coolness. In winter, the warm wind rises from the floor and warms the whole body from the feet.

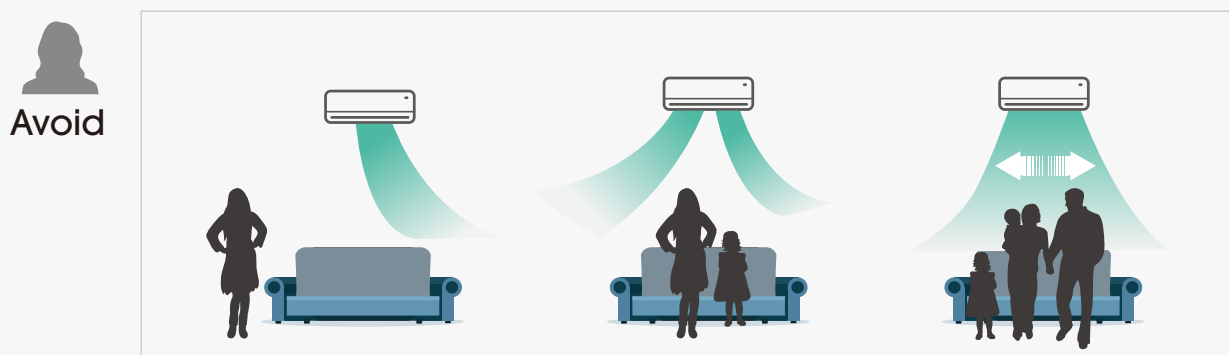
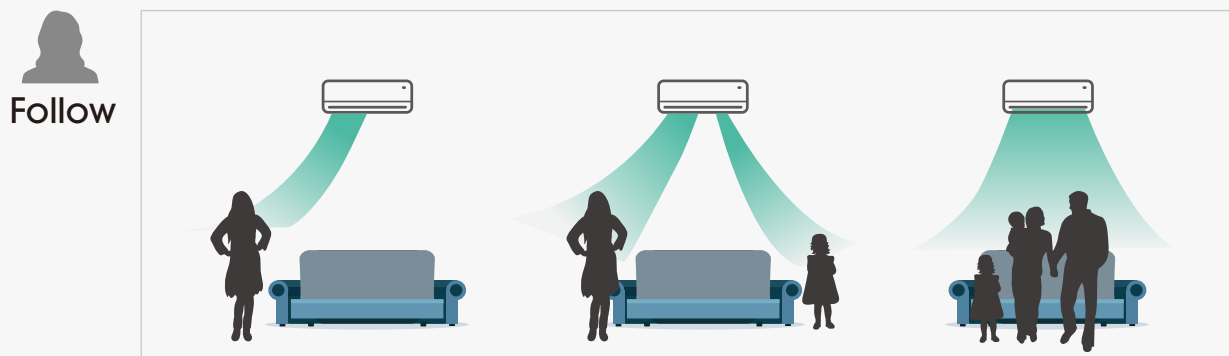


Activity Detection & Auto Airflow



Multi Dimension Airflow

The left and right independent air deflector design allows the user to control the wind to follow people or avoid people by remote.

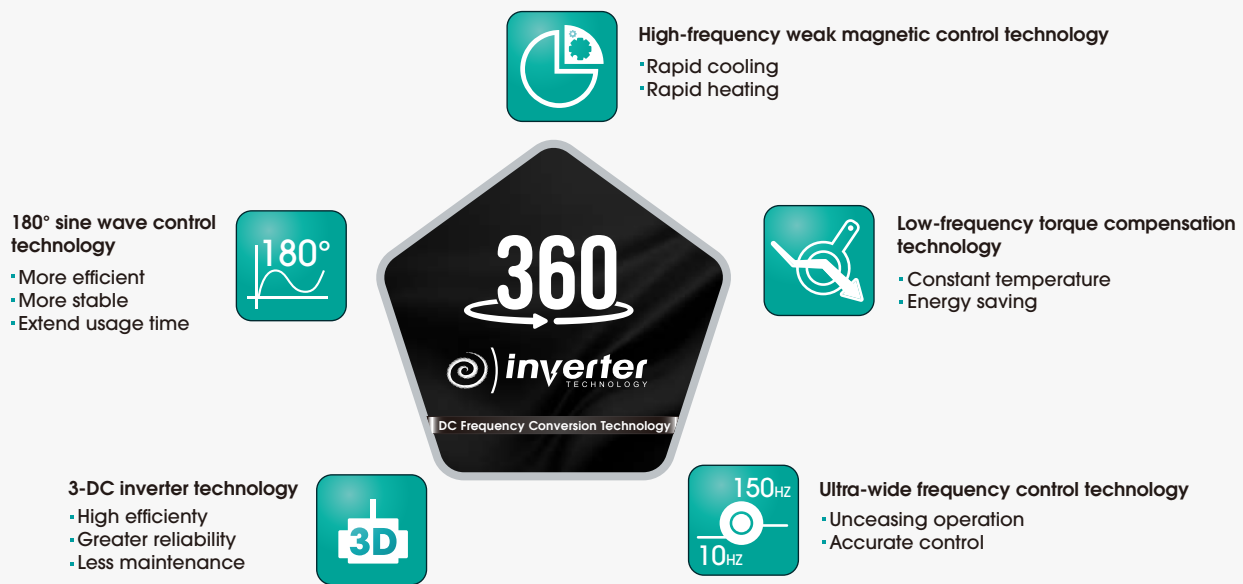


Hisense Inverter



360°DC Inverter Technology

360° DC inverter technology is a collection of high-end technology, which realizes intelligent operation of air conditioner and minimizes energy loss. The compressor runs more efficiently and smoothly, and the temperature control is more precise, and lower noise.



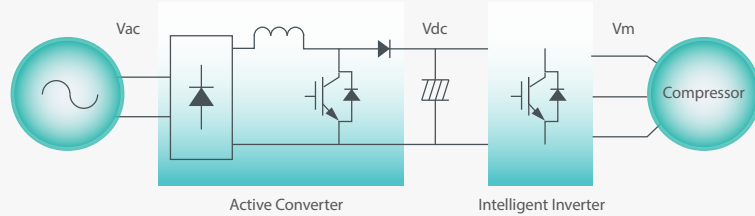
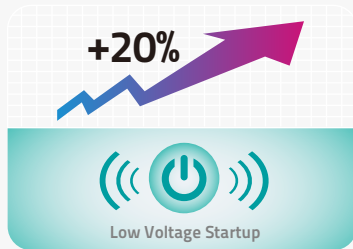
Advanced Self-adaptive BLDC Compressor Driver Technology

Advanced self-adaptive BLDC compressor driver technology makes the air conditioners run more quietly and more efficiently, and bring more comfortable experiences to the consumers.



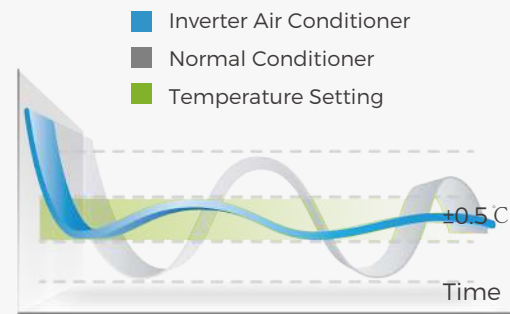
Smart PFC Control Technology

Hisense PFC control technology can apply voltage compensation at low voltage conditions and discharge at high voltage, which realizes the air conditioner start at low voltage and operate efficiently under higher voltage, and the operate voltage range increase $\pm 20\%$.



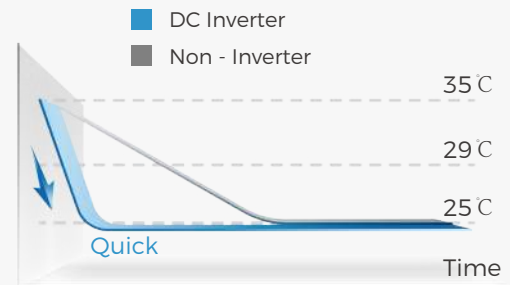
PID+Fuzzy Control Technology

With PID+Fuzzy 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

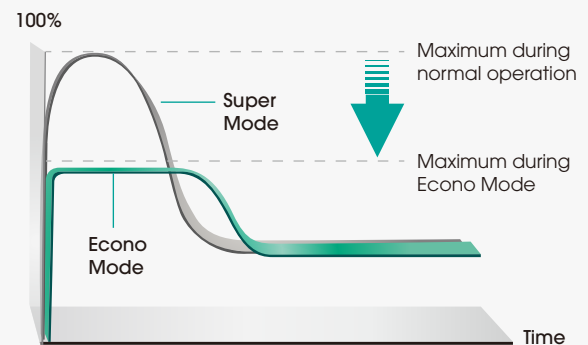
Unique weak magnetic control technology is used to operate at high frequency under high temperature ambience, which achieves greater cooling capacity and increases the cooling rate by 25%.



Dual Mode Inverter Control Technology

Super mode: air conditioner runs with high frequency and fast refrigeration.

Eco Mode: energy-saving operation. When starting, the air conditioner will operate at the constant speed of the golden frequency.



Health

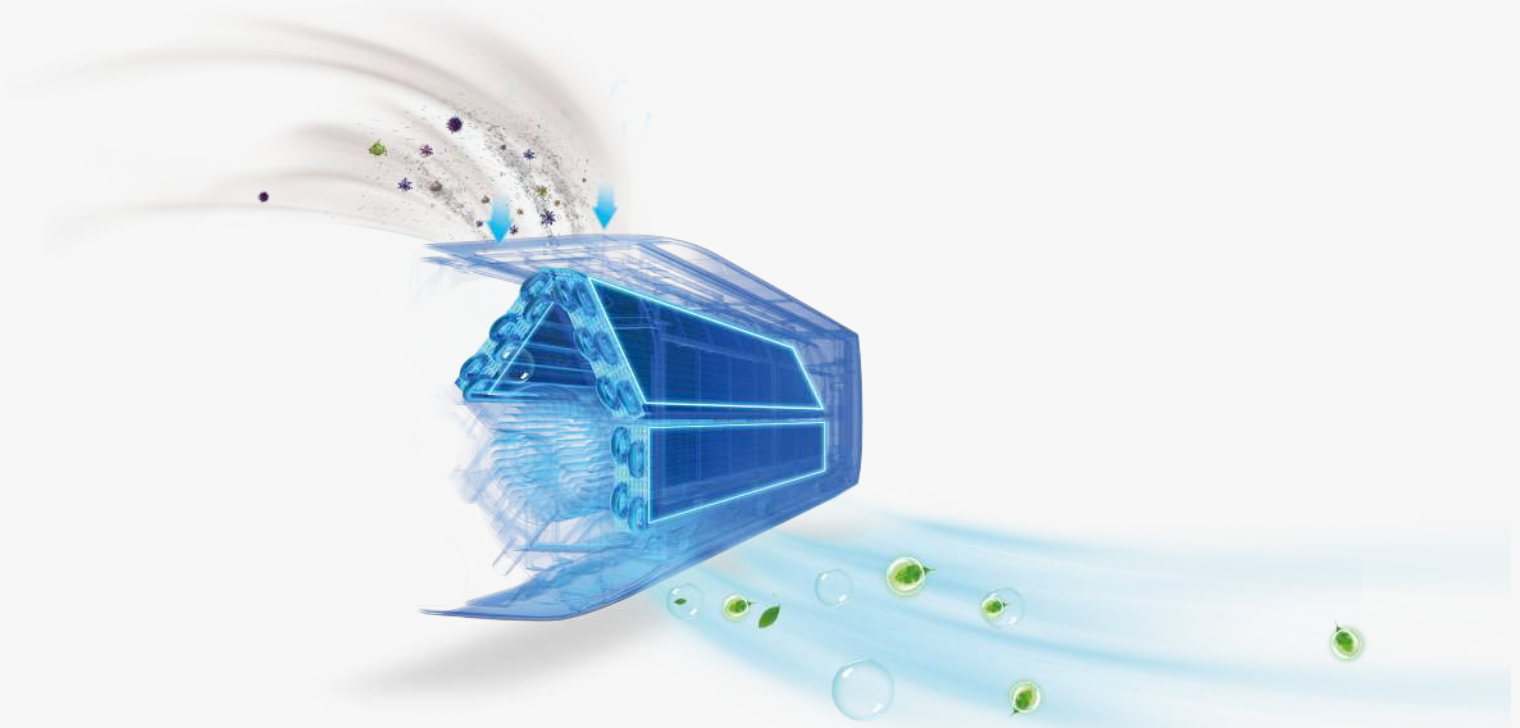
Self-Cleaning & Mildew-Proof

Hisense new generation hydrophilic painting film, the accumulated dust/microorganism/oil can be removed from the aluminum surface via a frosting and defrosting cycle. After turning off the air conditioner, the indoor fan will keep running for additional 30 seconds to dry the evaporator.

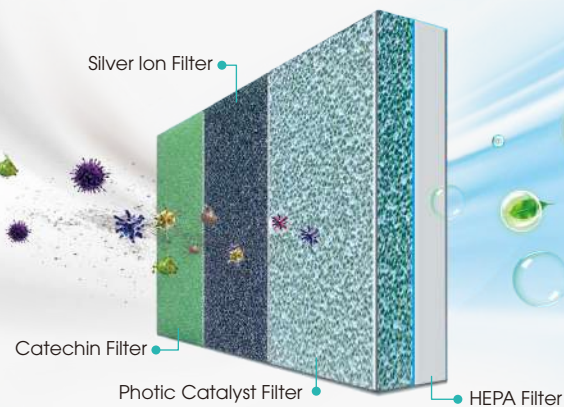


Hydrophilic and Anti-virus Aluminum Fin

Special painting formula on the evaporator, highly enhance the function of antibacterial and dust clearance.



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



Catechin Filter

Catechin filters remove odors and remove dust and particles from 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.



Vitamin-C Filter

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



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.

Nanoe

·Sterilization: effectively removing pathogenic and allergenic sources such as bacteria, molds, viruses and pollen.

·Deodorization: effectively removing the smell of cigarette, pet and food.



Pollen



Molds



Bacteria



Viruses



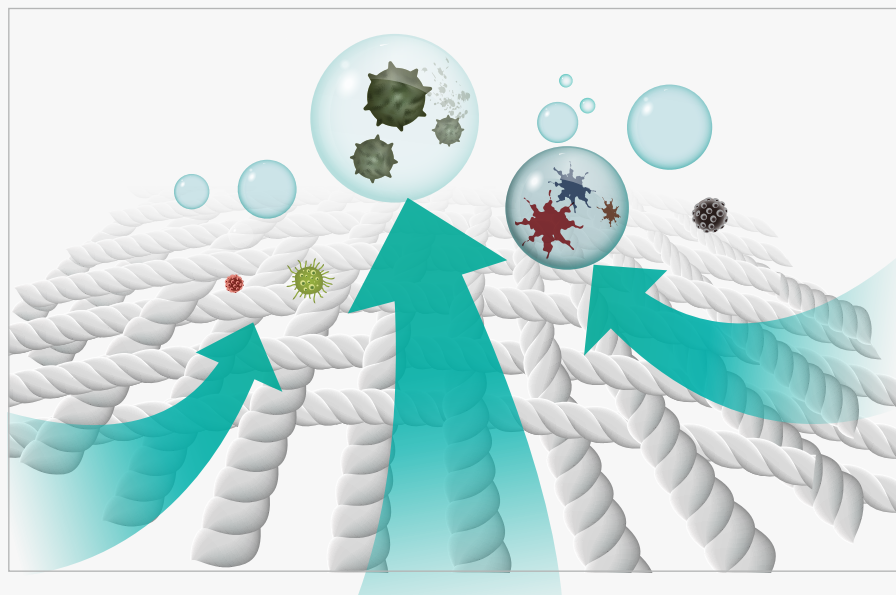
Cigarette smell



Cooking taste



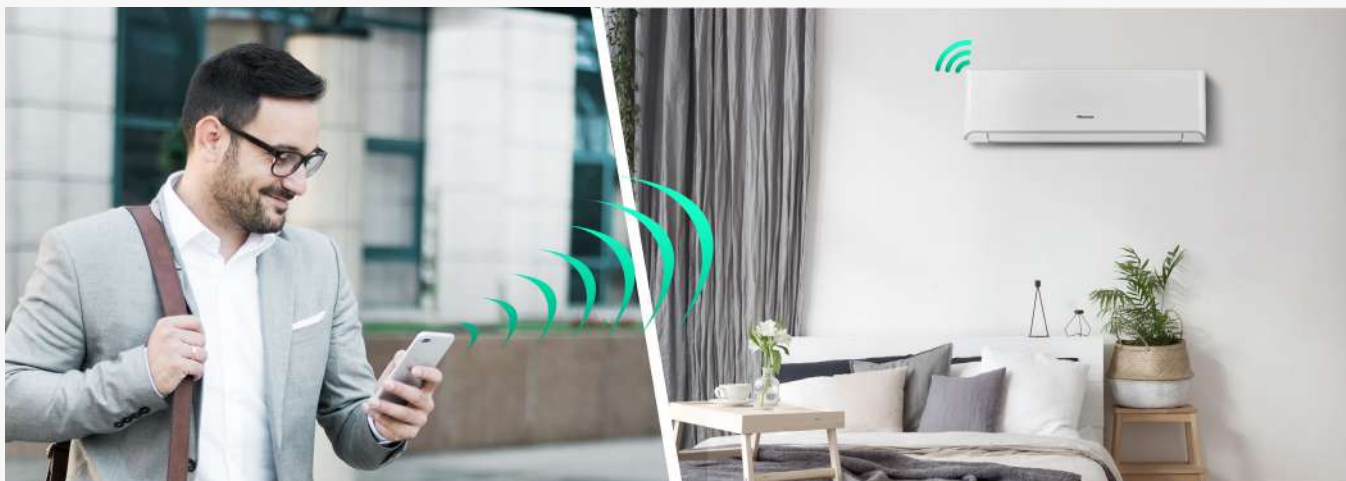
Pet flavor



Intelligence

WI-FI Control

Conveniently control your air conditioner anywhere in your home with just your mobile phone and a WI-FI 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.



Weekly Timer



Sleep Curve



Error Alarm



Auto Mode



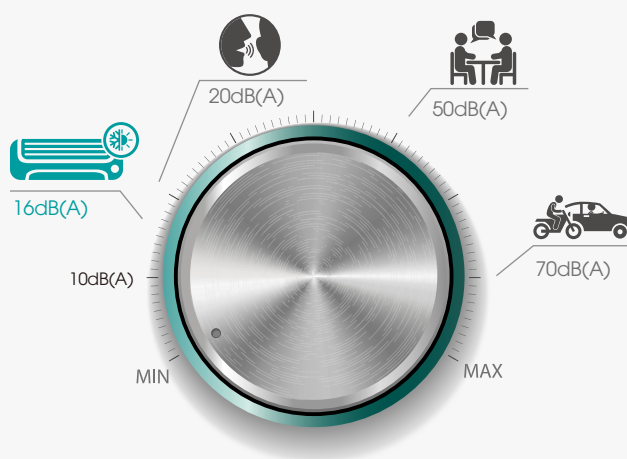
Group Control



Convenient Control

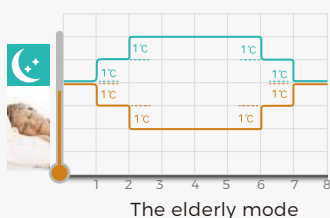
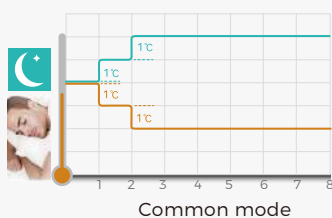
Super Quiet Mode

With a specially designed air tunnel and advanced control technology, the new inverter AC keeps noise to a minimum at an ultra low level 16dB 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.



Customized Comfort Sleep Housekeeper

Press the SLEEP button, and the operation mode changes in the order of adult SLEEP, elderly SLEEP, youth SLEEP, children SLEEP and turn-off SLEEP mode. The temperature curve will be adjusted according to customized SLEEP mode.



Reliability

Self Diagnosis & Automatic Protection

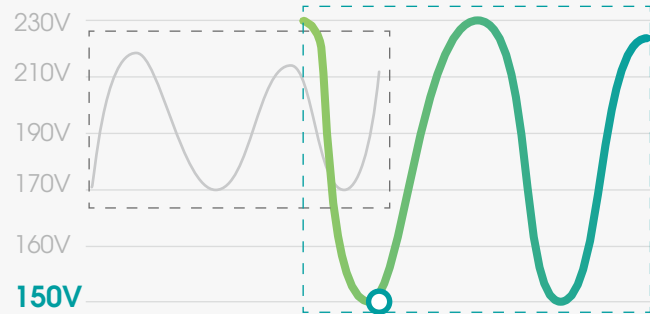
Real-time monitoring and real-time self-diagnosis of faults, clearly displayed fault codes allow faster troubleshooting and easier maintenance, emergency power failure in case of system overload, ensuring safety.



150V Low Voltage Operation

PFC control technology can make voltage compensation under low-voltage conditions, so as to realize low-voltage startup and efficient operation when voltage is unstable.

■ Other Brand ■ Hisense Inverter



-15°C (5°F) Cooling

Special cooling at -15°C is widely used to maintain the room temperature.



-20°C (-4°F) Heating

Being able to provide heat in -20°C ambient is supported by our preheating technology and electric heating chassis technology.



8°C (46°F) 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.



Multi Anti-corrosion Treatment

The exterior housing is protected by hot-dip galvanized steel plate and ceramic baking paint. By double zinc layer, double zinc-iron soluble layer, steel matrix, powder curing layer, ceramic paint layer to form a strong seven-fold protection, greatly extend the service life of outdoor machines.



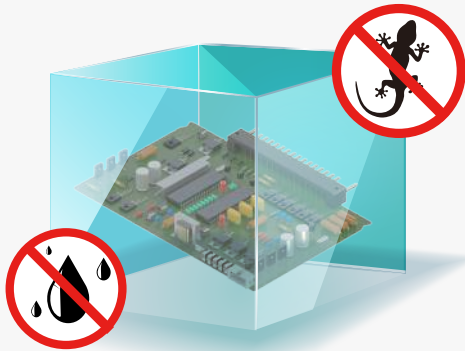
Leakage detection

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



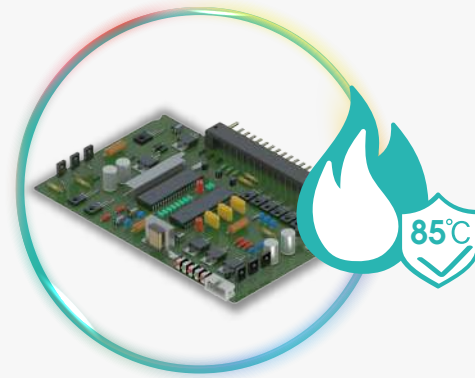
PCB with Insect Prevention

The sealing electrical box to prevent the insect, such as gecko or frog, from damaging the outdoor PCB



High Temperature Resistance PCB

The PCB board in the inverter air conditioner can still run normally under the high temperature of 85°C.



Super Cooling at 61°C

Advanced Hi-smart adaptive technology, high heat dissipation design and high stability PCB are adopted to make the air conditioner run efficiently under high temperature environment.



Convenient

Easy Installation

Make installation easier and increase installation efficiency.

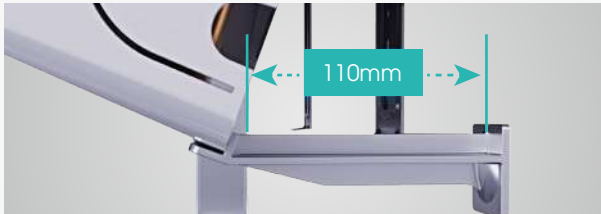
Mounting Plate Improvement



Detachable Bottom Cover



Easy Support Bar



Wider Tubing Space



Easy clean

Easy disassembly and washing of chassis and air duct system can be realized through the design of split chassis, air duct and outer cover. The safety micro switch is adopted to protect the whole process of disassembling and washing. In the process of disassembling and washing, only the outlet parts need to be turned on, and the micro switch will turn off the power for protection, making the motor completely in the state of power failure and ensuring the safety of disassembling and washing.

User Basic Cleaning



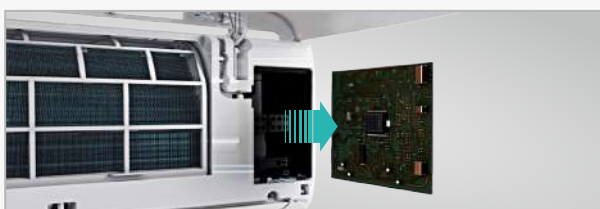
Professional Deep Cleaning



Easy maintenance

New indoor machine structure, no need to move evaporator when disassembling indoor electromechanical machine.

Quick & Easy Replace PCB



Quick & Easy Replace Cross Flow Fan Motor

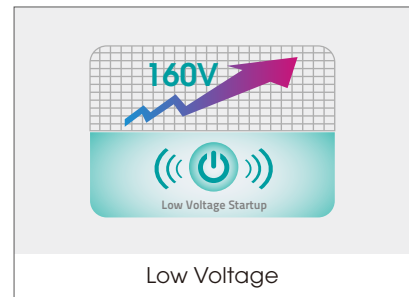


Dual Drainage

On the left and right sides of the air conditioning reserved drain hole.



TR Series | Extreme Cool



Super Cooling



Golden Fin



High Efficient Layout



1W Standby



Self-Diagnosis and Auto Protection Function



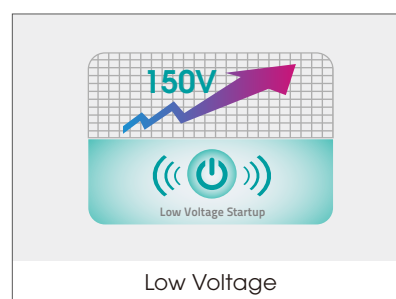
Smart Running

Model		AS-H126UZTR3	AS-H186UZTR3	AS-H246UZTR3
Type		Heating & Cooling		
Nominal / Max. Cooling Capacity	Btu/h	12600~14000	18600~21000	23000~27000
Nominal / Max. Heating Capacity	Btu/h	12800~15000	18700~21500	24000~27000
Rated Input Cooling	W	1700	2200	3700
Rated Input Heating	W	1700	2300	3700
Air Circulation	m3/h	620	1000	1150
EER / COP	(Btu/h) / w , w/w	13.3 / 3.51	12.4 / 3.50	13 / 3.65
Refrigerant R410a	Kg	1.2	1.26	2
Indoor Unit Noise Level	Low (dB(A))	39	45	48
Outdoor Unit Noise Level	Low (dB(A))	52	54	58
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz		
Rated Current	Cooling / Amp.	6~9	8.2~12.1	9.6~20
	Heating / Amp.	4.8~9	6.7~12.7	8.9~20
Climate Type		T3		
Liquid Pipe	inch	1/4''	1/4''	3/8''
Gas Pipe	inch	3/8''	1/2''	5/8''
Net Dimensions (WxHxD) mm	Indoor Unit	876x205x270	908x315x230	1350x365x260
	Outdoor Unit	780x260x540	810x595x280	855x795x366
Net & Gross Weight (Kg)	Indoor Unit	8.5 / 11	12 / 14	14.5 / 19
	Outdoor Unit	31 / 34	37 / 41	60 / 66
Loading Capacity (40'HC)	Unit	248	190	113

Remarks : The above design and specifications are subject to change without prior notice for product improvement.

Honour Golden | Heating & Cooling

50Hz | R-410A | ON/OFF



Super Cooling



Golden Fin



High Efficient
Layout



1W Standby



Self-Diagnosis and
Auto Protection
Function



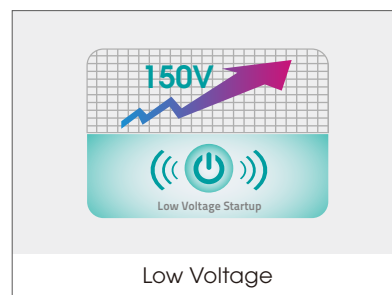
Smart Running

Model		AS-H186OZTQ3	AS-H246OZTQ3
Type		Heating & Cooling	
Cooling Capacity	Btu/h	18000	24000
Heating Capacity	Btu/h	18500	24500
Rated Input Cooling	W	1700	2270
Rated Input Heating	W	1695	2170
Air Circulation	m3/h	1050	1200
EER / COP	(Btu/h) / w , w/w	10.59 / 3.2	10.57 / 3.31
Refrigerant R410a	Kg	1.35	1.65
Indoor Unit Noise Level	Low (dB(A))	43	45
Outdoor Unit Noise Level	Low (dB(A))	56	56
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz	
Rated Current	Cooling / Amp.	7.6	10.1
	Heating / Amp.	7.5	9.9
Climate Type		T3	
Liquid Pipe	inch	1/4''	1/4''
Gas Pipe	inch	1/2''	5/8''
Net Dimensions (WxHxD) mm	Indoor Unit	1014x231x315	1185x315x231
	Outdoor Unit	860x650x310	860x650x310
Net & Gross Weight (Kg)	Indoor Unit	12.5 / 18	15.5 / 18
	Outdoor Unit	43 / 52	50 / 58
Loading Capacity (40'HC)	Unit	156	144

Remarks : The above design and specifications are subject to change without prior notice for product improvement.

Sky blue | Cooling only

50Hz | R410A | 



Super Cooling



Golden Fin



High Efficient
Layout



1W Standby



Self-Diagnosis and
Auto Protection
Function



Smart Running

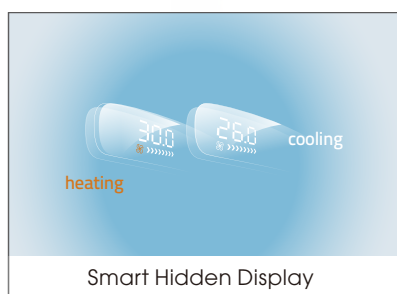
Model		AS-C186OZTQ3	AS-C246OZTQ3
Type		Heating & Cooling	
Cooling Capacity	Btu/h	18000	24000
Heating Capacity	Btu/h	-	-
Rated Input Cooling	W	1700	2270
Rated Input Heating	W	-	-
Air Circulation	m3/h	1050	1200
EER / COP	(Btu/h) / w , w/w	10.59 / -	10.57 / -
Refrigerant R410a	Kg	0.95	1.63
Indoor Unit Noise Level	Low (dB(A))	43	44
Outdoor Unit Noise Level	Low (dB(A))	55	55
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz	
Rated Current	Cooling / Amp.	7.6	10.1
	Heating / Amp.	-	-
Climate Type		T3	
Liquid Pipe	inch	1/4''	1/4''
Gas Pipe	inch	1/2''	5/8''
Net Dimensions (WxHxD) mm	Indoor Unit	1014x231x315	1185x315x231
	Outdoor Unit	860x650x310	860x650x310
Net & Gross Weight (Kg)	Indoor Unit	12.5 / 18	14.5 / 18
	Outdoor Unit	40 / 49	48 / 56
Loading Capacity (40'HC)	Unit	156	144

Remarks : The above design and specifications are subject to change without prior notice for product improvement.

Diamond Series | Super Cool

50Hz

R22



Golden Fin



Long Airflow Distance(10m)



Super Cooling



24hr Timer



Easy Maintenance Design

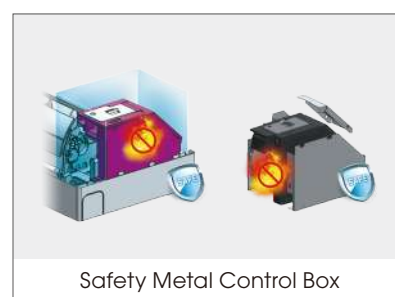


Emergency Operation

Model		AS-H126OATG3	AS-H186OATG3	AS-H246OATG3
Type		Heating & Cooling		
Cooling Capacity	Btu/h	12300	18200	23500
Heating Capacity	Btu/h	12800	18700	24500
Rated Input Cooling	W	1700	2700	3400
Rated Input Heating	W	1400	2300	3400
Air Circulation	m3/h	620	1050	1200
EER / COP	(Btu/h) / w , w/w	10.7 / 3.57	10.7 / 3.63	10.9 / 3.84
Refrigerant R22	Kg	0.83	1.05	1.45
Indoor Unit Noise Level	Low (dB(A))	39	43	45
Outdoor Unit Noise Level	Low (dB(A))	53	55	55
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz		
Rated Current	Cooling / Amp.	6.1	9.5	11.2
	Heating / Amp.	5.6	8	10
Climate Type		T3		
Liquid Pipe	inch	1/4''	1/4''	3/8''
Gas Pipe	inch	1/2''	1/2''	5/8''
Net Dimensions (WxHxD) mm	Indoor Unit	950x272x207	1050x320x235	1219x320x235
	Outdoor Unit	780x540x260	860x650x310	860x650x310
Net & Gross Weight (Kg)	Indoor Unit	9 / 11	12.5 / 14.5	14.5 / 17
	Outdoor Unit	32 / 34.5	44 / 48	45 / 49
Loading Capacity (40'HC)	Unit	248	155	144

Remarks : The above design and specifications are subject to change without prior notice for product improvement.

Comfort Series | Super Cool



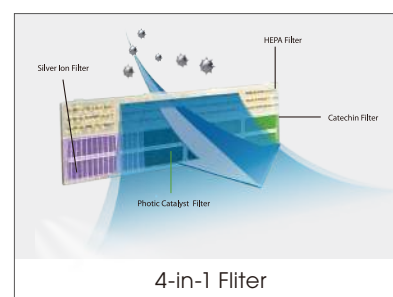
Model	AS-H306OAVQ3	
Type	Heating & Cooling	
Cooling Capacity	Btu/h	30500
Heating Capacity	Btu/h	31000
Rated Input Cooling	W	4300
Rated Input Heating	W	4300
Air Circulation	m3/h	1500
EER / COP	(Btu/h) / w , w/w	10.6 / 3.18
Refrigerant R22	Kg	1.88
Indoor Unit Noise Level	Low (dB(A))	50
Outdoor Unit Noise Level	Low (dB(A))	64
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz
Rated Current	Cooling / Amp.	15.7
	Heating / Amp.	15.5
Climate Type	T3	
Liquid Pipe	inch	3/8''
Gas Pipe	inch	5/8''
Net Dimensions (WxHxD) mm	Indoor Unit	1350x365x260
	Outdoor Unit	885x795x366
Net & Gross Weight (Kg)	Indoor Unit	19.5 / 23
	Outdoor Unit	60 / 66
Loading Capacity (40'HC)	Unit	95

Remarks : The above design and specifications are subject to change without prior notice for product improvement.

Elegant Series | Super Cool

50Hz

R22



Golden Fin



Long Airflow Distance(10m)



Super Cooling



24hr Timer



I Feel



Auto Restart Function

Model		AS-H126OATF*3	AS-H186OATF*3	AS-H186OATF*3
Type		Heating & Cooling		
Cooling Capacity	Btu/h	12300	18200	23500
Heating Capacity	Btu/h	12800	18700	24500
Rated Input Cooling	W	1700	2700	3400
Rated Input Heating	W	1700	2700	3400
Air Circulation	m3/h	620	1050	1200
EER / COP	(Btu/h) / w , w/w	10.7 / 3.57	10.7 / 3.63	10.9 / 3.84
Refrigerant R22	Kg	0.83	1.05	1.45
Indoor Unit Noise Level	Low (dB(A))	39	43	45
Outdoor Unit Noise Level	Low (dB(A))	53	55	55
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz		
Rated Current	Cooling / Amp.	6.1	9.5	11.2
	Heating / Amp.	5.6	8	10
Climate Type		T3		
Liquid Pipe	inch	1/4"	1/4"	3/8"
Gas Pipe	inch	1/2"	1/2"	5/8"
Net Dimensions (WxHxD) mm	Indoor Unit	850x270x206.5	960x315x232	1131x315x232
	Outdoor Unit	780x540x260	860x650x310	860x650x310
Net & Gross Weight (Kg)	Indoor Unit	9 / 11	12.5 / 14.5	14.5 / 17
	Outdoor Unit	32 / 34.5	44 / 48	45 / 49
Loading Capacity (40'HC)	Unit	250	160	144

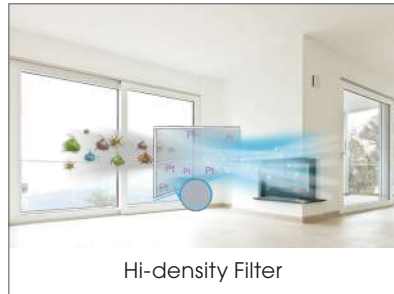
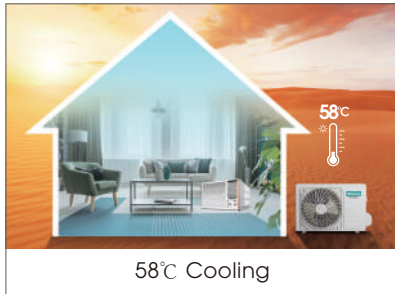
Remarks : The above design and specifications are subject to change without prior notice for product improvement.

Colors



Window Type

50Hz | R410A | ION/DEF



Super Cooling



High Efficient Layout



Long Airflow Distance(10m)



Easy Maintenance Design



Self-Diagnosis and Auto Protection Function



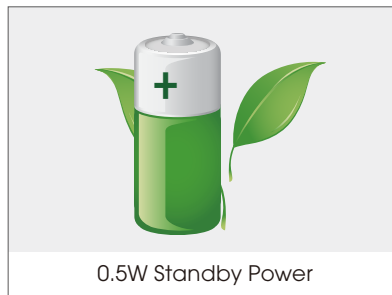
Easy Cleaning Panel and PP Filter

Model		AWC186OZ3	AWH186OZ3	AWC246OZ3	AWH246OZ3
Type		Cooling Only	Heating & Cooling	Cooling Only	Heating & Cooling
Cooling Capacity	Btu/h	18500	18500	23000	22500
Heating Capacity	W	-	3000	-	3000
Rated Current	(Amp.)	8.8	8.8	10.8	10.8
Air Circulation	m3/h	800	750	820	770
EER	(Btu/h) /w	9.6	9.6	9.6	9.6
Refrigerant R410a	Kg	0.8	0.8	1.0	1.0
Noise Level	Low (dB(A))	55	55	58	53
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz			
Net Dimensions (WxHxD)	mm	660x430x770	660x430x770	660x430x770	660x430x770
Net & Gross Weight	KG	55 / 61	55.5 / 61.5	59 / 65	59.5 / 65.5
Loading Capacity (40"HC)	Unit	210	210	210	210

Remarks : The above design and specifications are subject to change without prior notice for product improvement.

Portable

50Hz | R410A | ON/OFF



Model	APH126OZ	
Type	Heating & Cooling	
Cooling Capacity	Btu/h	11942
Heating Capacity	Btu/h	12000
Air Circulation	m3/h	400
EER	(Btu/h) /w	10.6
Refrigerant R410a	Kg	0.55
Noise Level	Low (dB(A))	52
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz
Net Dimensions (WxHxD)	mm	443x750x375
Net & Gross Weight	KG	32 / 37
Loading Capacity (40'HC)	Unit	374

Remarks : The above design and specifications are subject to change without prior notice for product improvement.



T3

LIGHT COMMERCIAL

AIR CONDITIONER





Technology & Feature

Wide Operating Range

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

24°C -10°C

Stronger Heating Capability At Low Ambient Temperature

-15°C 48°C

Stronger Cooling Capability At High Ambient Temperature

High Efficiency

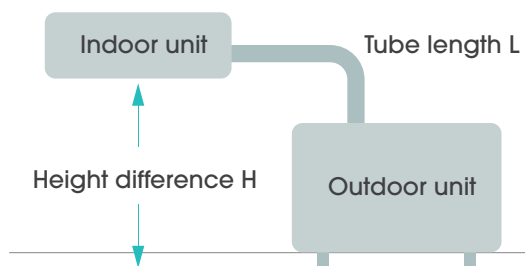
360° High efficiency DC inverter twin rotary compressor

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	Ma x .Tube Length L	Ma x .Tube Difference H	Add.Refrigerant e x ceed 5m
9K/12K/18k	20m	15m	15g/ m
24k	30m	20m	35g/ m
36k	50m	30m	35g/ m
48k/ 60k	50m	30m	35g/ m

Hisense Technology

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

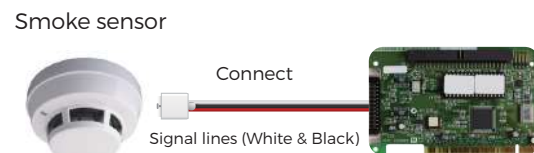
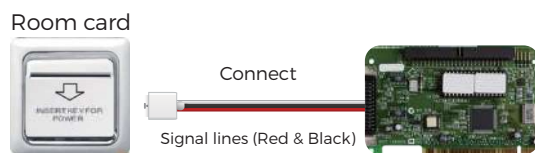


ODU PCB



Hotel Room Card Control

Fire Linkage Control



Floor Standing R22 On/ Off Series



Model		AF-H246OAP3	AF-H366OAP3	AF-H488OAP3	AF-H608OAP3
Type		Heating & Cooling			
Cooling Capacity	Btu/h	24000	34000	43000	60000
Heating Capacity	Btu/h	26955	35000	45000	60000
Rated Input Cooling	W	2600	3300	3800	5400
Rated Input Heating	W	2720	3100	3600	5400
Air Circulation	m ³ /h	1200	1600	2000	2000
EER / COP	(Btu/h) / w , w/w	10.6 / 2.91	10.6/ 3.31	10.9 / 3.66	10.9 / 3.26
Refrigerant R22	Kg	1.68	2.23	2.5	2.80
Indoor Unit Noise Level	Low (dB(A))	48	49	52	54
Outdoor Unit Noise Level	Low (dB(A))	60	55	53	54
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz		3Ph,380-240V,50Hz	
Rated Current	Cooling / Amp.	12.2	18	8	11
	Heating / Amp.	12.7	16.5	7.8	10.5
Climate Type		T3			
Liquid Pipe	inch	3/8''	3/8''	3/8''	3/8''
Gas Pipe	inch	5/8''	5/8''	3/4''	3/4''
Net Dimensions (WxHxD) mm	Indoor Unit	500x1760x280	580x1870x380	580x1870x380	580x1870x380
	Outdoor Unit	900x640x300	950x840x340	950x1050x340	950x1386x340
Net Weight (Kg)	Indoor Unit	38	48	52	52
	Outdoor Unit	50	69	100	115
Packing Dimensions (WxHxD) mm	Indoor Unit	610x1890x410	690x2000x480	690x2000x480	690x2000x480
	Outdoor Unit	1060x700x410	1110x980x460	1110x1200x460	1110x1530x460
Gross Weight (Kg)	Indoor Unit	46	60	63	63
	Outdoor Unit	56	77	108	120
Loading Capacity (40'HC)	Unit	80	52	52	43

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.

Floor Standing Double Fan R22 On/ Off Series



36000 Btu/h



Model	AF-H366OAD3	
Type	Heating & Cooling	
Cooling Capacity	Btu/h	35000
Heating Capacity	Btu/h	37000
Rated Input Cooling	W	3550
Rated Input Heating	W	3225
Air Circulation	m3/h	1600
EER / COP	(Btu/h) / w , w/w	9.61 / 3.41
Refrigerant R22	Kg	2.05
Indoor Unit Noise Level	Low (dB(A))	49
Outdoor Unit Noise Level	Low (dB(A))	55
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz
Rated Current	Cooling / Amp.	15.8
	Heating / Amp.	14.5
Climate Type	T3	
Liquid Pipe	inch	3/8''
Gas Pipe	inch	5/8''
Net Dimensions (WxHxD) mm	Indoor Unit	580x1870x380
	Outdoor Unit	950x1050x340
Net Weight (Kg)	Indoor Unit	48
	Outdoor Unit	82
Packing Dimensions (WxHxD) mm	Indoor Unit	690x2000x480
	Outdoor Unit	1110x1530x460
Gross Weight (Kg)	Indoor Unit	60
	Outdoor Unit	93
Loading Capacity (40'HC)	Unit	43

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.

R420a On/ Off Series

Optional Static Pressure

The Ducted Type (R410A) with 18kbtu/h has two 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

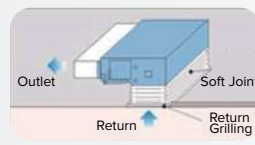


Front air flow,
back air intake

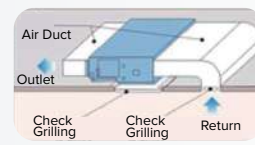
2 Ways of Air Intake

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.

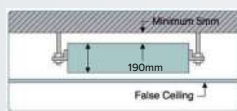


Bottom air intake



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

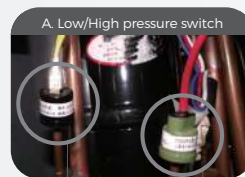
If the water pump faces up with an issue that may cause water level to rise to a certain level, the unit will turn it off and release the water.



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



Duct Type



24000 Btu/h

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

Model		AD-H246OZ3	AD-H366OZ3	AD-H488OZ3	AD-H608OZ3
Type		Heating & Cooling			
Capacity	Btu/h	23600	34090	47000	51500
Rated Input	W	2005	2844	2923	4300
Air Circulation	m3/h	1650	2100	2450	2450
EER	(Btu/h) /w	11.77	11.99	11.98	11.98
ESP (Pa)	Rated	35	47	50	50
	Range	0~80	0~120	0~120	0~120
Indoor Noise Level	Low (dB(A))	37	38	48	48
Outdoor Noise Level	Low (dB(A))	60	62	60	60
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz		3Ph,380-415V,50Hz	
Climate Type		T3			
Liquid Pipe	inch	3/8''	3/8''	3/8''	3/8''
Gas Pipe	inch	5/8''	3/4''	3/4''	3/4''
Compressor	Type	Rotary	Twin Rotary	Scroll	
Net Dimensions (WxHxD) mm	Indoor Unit	900x270x720	1300x350x800	1300x350x800	1300x350x800
Net Weight (Kg)	Indoor Unit	30	51	51	51
Packing Dimensions (WxHxD) mm	Indoor Unit	1070x340x870	1550x410x940	1550x410x940	1550x410x940
Gross Weight (Kg)	Indoor Unit	35	60	60	60
Net Dimensions (WxHxD) mm	Outdoor	885x366x795	950x340x1050	950x340x1386	940x340x1386
Net Weight (Kg)	Outdoor	59	83	106	118
Packing Dimensions (WxHxD) mm	Outdoor	1050x500x890	1110x460x1200	1110x460x1530	1110x460x1530
Gross Weight (Kg)	Outdoor	62	86	120	132
Loading Capacity (40°HC) Unit	Indoor Unit	182	90	90	90
Loading Capacity (40°HC) Unit	Outdoor	96	106	53	53

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.



R420a On/ Off Series



Duct Type



18000 Btu/ h



24000 Btu/ h

Model		AC-H186OZ3	AC-H246OZ3
Type		Heating & Cooling	
Capacity	Btu/h	18000	24000
Rated Input	W	1445	1922
Air Circulation	m3/h	1000	1400
EER	(Btu/h) /w	12.46	12.11
Refrigerant R410a	Kg	1.5	2.0
Indoor Unit Noise Level	Low (dB(A))	42	41
Outdoor Unit Noise Level	Low (dB(A))	55	60
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz	
Climate Type		T3	
Liquid Pipe	inch	1/4''	3/8''
Gas Pipe	inch	1/2''	5/8''
Compressor	Type	Rotary	Rotary
Net Dimensions (WxHxD) mm	Indoor Unit	840x248x840	840x248x840
Net Weight (Kg)	Indoor Unit	25	27
Packing Dimensions (WxHxD) mm	Indoor Unit	996x370x956	996x370x956
Gross Weight (Kg)	Indoor Unit	33	35
Net Dimensions (WxHxD) mm	Outdoor	860x310x650	885x366x795
Net Weight (Kg)	Outdoor	48	52
Packing Dimensions (WxHxD) mm	Outdoor	900x450x730	1050x500x890
Gross Weight (Kg)	Outdoor	54	59
Loading Capacity (40'HC) Unit	Indoor	145	145
Loading Capacity (40'HC) Unit	Outdoor	186	144

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.

R22 On/ Off Series

Optional Static Pressure

The Ducted Type (R410A) with 18kBtu/h has two 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

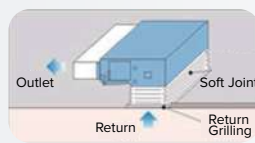


Front air flow,
back air intake

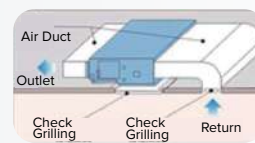
2 Ways of Air Intake

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.

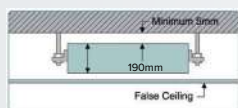


Bottom air intake



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

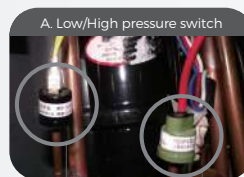
If the water pump faces up with an issue that may cause water level to rise to a certain level, the unit will turn it off and release the water.



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



Duct Type



18000 Btu/h



36000 Btu/h
42000 Btu/h
48000 Btu/h
60000 Btu/h

Model		AD-H186OA3	AD-H366OA3	AD-H488OA3	AD-H608OA3
Type		Heating & Cooling			
Cooling Capacity	Btu/h	18000	34120	47760	59700
Heating Capacity	Btu/h	19995	37500	51180	64800
Rated Input Cooling	W	1870	3550	4360	5450
Rated Input Heating	W	1820	3225	4150	5260
Air Circulation	m3/h	710	1800	2000	2000
EER / COP	(Btu/h) / w , w/w	9.3 / 3.22	9.59 / 3.41	10.95 / 3.61	10.95 / 3.61
Refrigerant R22	Kg	1.27	2.23	2.50	2.80
ESP (Pa)		10 (30)	50 (80)	80 (120)	80 (120)
Indoor Unit Noise Level	Low (dB(A))	32	35	42	42
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz			
Rated Current	Cooling / Amp.	8.2	15.8	7.3	9.0
	Heating / Amp.	8	14.5	7.0	9.5
Climate Type		T3			
Liquid Pipe	inch	3/8''	3/8''	3/8''	3/8''
Gas Pipe	inch	1/2''	5/8''	3/4''	3/4''
Max Length	m	15	30	50	50
Max Height	m	7.5	20	30	30
Net Dimensions (WxHxD) mm	Indoor Unit	900x190x447	1300x350x800	1300x350x800	1300x350x800
Net Weight (Kg)	Indoor Unit	19	54	54	54
Packing Dimensions (WxHxD) mm	Indoor Unit	1070x236x580	1550x410x940	1550x410x940	1550x410x940
Gross Weight (Kg)	Indoor Unit	24	62	62	62
Loading Capacity (40'HC)	Unit	180	56	54	42

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.

R22 On/ Off Series

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.

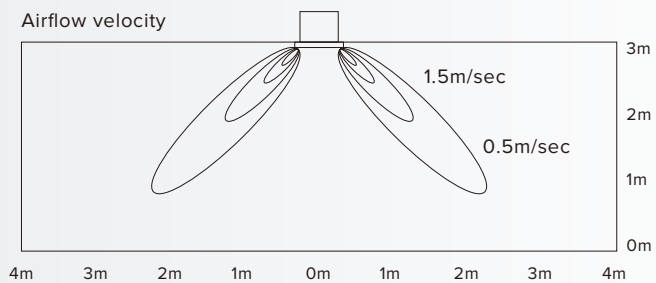
DC Fan Motor



- 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.



Cassette Type



18000 Btu/ h

36000 Btu/ h

48000 Btu/ h
60000 Btu/ h

Model		AC-H186OA3	AC-H366OA3	AC-H488OA3	AC-H608OA3
Type		Heating & Cooling			
Cooling Capacity	Btu/h	18000	34120	47760	59700
Heating Capacity	Btu/h	20000	37500	51180	64800
Rated Input Cooling	W	1870	3320	4360	5450
Rated Input Heating	W	1820	3225	4150	5260
Air Circulation	m3/h	850	1800	2000	2000
EER / COP	(Btu/h) / w , w/w	9.59 / 3.41	10.27 / 3.41	10.95 / 3.61	10.95 / 3.61
Refrigerant R22	Kg	1.27	2.23	2.50	2.80
Indoor Unit Noise Level	Low (dB(A))	39	44	40	40
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz			
Rated Current	Cooling / Amp.	8.2	15.8	7.3	9.0
	Heating / Amp.	8	14.5	7.0	9.5
Climate Type		T3			
Liquid Pipe	inch	3/8''	3/8''	3/8''	3/8''
Gas Pipe	inch	1/2''	5/8''	3/4''	3/4''
Max Length	m	20	30	50	50
Max Height	m	15	20	30	30
Net Dimensions (WxHxD) mm	Panel	650x30x650	950x37x950	950x37x950	950x37x950
	Indoor Unit	650x270x570	840x248x840	840x298x840	840x298x840
Net Weight (Kg)	Panel	2.4	6	6	6
	Indoor Unit	20	30	33	33
Packing Dimensions (WxHxD) mm	Panel	730x130x730	990x115x1010	990x115x1010	990x115x1010
	Indoor Unit	770x310x750	996x370x956	996x370x956	996x370x956
Gross Weight (Kg)	Panel	5	10	10	10
	Indoor Unit	27	39	42	42
Loading Capacity (40'HC)	Unit	130	68	67	52

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.

R22 On/ Off Series



Outdoor Unit



Model		ODU18000	ODU36000	ODU48000	ODU60000
Power Supply		1Ph,220-240V,50Hz		3Ph,380-415V,50Hz	
Rated Input Cooling	W	1870	3320	4360	5450
Rated Input Heating	W	1820	3225	4150	5260
Rated Current Cooling	A	8.2	15.8	7.3	9.0
Rated Current Heating	A	8.0	14.5	7.0	9.5
Air Circulation	m3/h	2700	3500	5000	6000
Noise Level	(dB(A))	57	55	53	54
Climate Type		T3			
Piping					
Liquid Pipe	inch	3/8''	3/8''	3/8''	3/8''
Gas Pipe	inch	1/2''	5/8''	3/4''	3/4''
Max Length	m	20	30	50	50
Max Height	m	15	20	30	30
Refrigerant Charge Volume	Kg	1.27	2.23	2.5	2.8
Dimensions					
Net Dimensions (WxHxD)	mm	800x550x260	950x840x340	950x1050x340	950x1386x340
Net Weight	(Kg)	39	69	100	115
Packing Dimensions (WxHxD)	mm	930x620x360	1110x980x460	1110x1200x460	1110x1530x460
Gross Weight	(Kg)	43	77	108	120
Loading Capacity (40'HC)	Unit	304	106	106	53

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.

Hisense

life reimagined

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