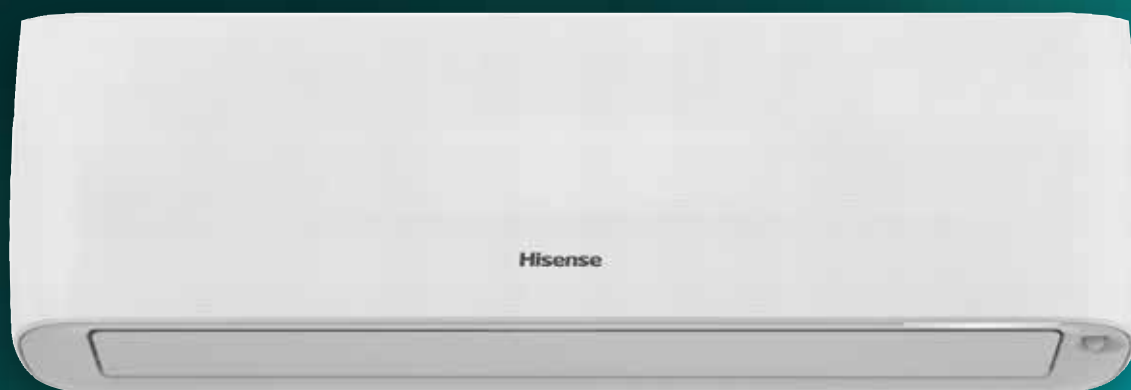


# Energy Nordic

Energy class A<sup>+++</sup>/A<sup>+++</sup>

The most energy-efficient  
with smart sensor

The new Energy Nordic air conditioner adapts to your needs automatically, providing you with the perfect comfort in your home, assuring efficient heating or cooling even in the most unfriendly weather conditions. Using innovative ion technology it purifies air efficiently, guaranteeing you safe and healthy living conditions.



Never feel cold again



**Heating at -25°C**

The AC can heat normally even when the outdoor temperature is low as -25 °C, keeping you warm even in the most cold days of the winter.



Intelligence that works with you



**AI smart**

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. There is no need to worry about how to use the air conditioner, AI will do it for you.



## Keeps you healthy

### **HI-NANO**

HI-NANO can effectively remove viruses and bacteria including Coronavirus (COVID-19) by releasing high concentration ions, creating a healthy environment and protecting health. HI-NANO has been proven to remove 92.6%\*.



## High Efficiency and Energy Saving

### **High Energy efficiency**

Hisense expert FULL DC inverter technology makes the unit highly efficient, SEER/SCOP increased by 25% and the energy saving is 30%.



## Manage your energy consumption

### **Power statistic display**

Data about Power consumption of the air conditioner is displayed on the application thus you can check it at anytime and manage your energy consumption to reduce costs.



## Improving the efficiency in winter

### **Outdoor unit chassis heating**

Special outdoor chassis heater improves the defrosting efficiency of the chassis in winters and therefore helps to maintain your air conditioner's optimum heating performance throughout the entire season and to extend the unit's life span.



 Self Diagnostics


 Wi-Fi Control

 Full DC Inverter


 AI Smart

 Dual Self-clean


 Anti-bacteria Fin

 4-in-1 filter & active carbon filter

 Voice Control

 Antimold

 Air quality LED display

 4 Sleep Modes

 Humidity Control

\* H1N1 and sterilize 88.54%\* of E.coli in 2 hours. The Healthy high-concentration ions also can effectively remove airborne dust as HI-NANO has been proven to remove 60.07%\* of PM2.5 in 2 hours, purifying the air around you. The HI-NANO technology has been proven safe and has been authorized to apply the UL mark.



Hisense model		AST-12UW4RXVQG01	
EU model set		QH35XV0E	
EU model indoor		QH35XV0EG	
EU model outdoor		QH35XV0EW	
EU model indoor Code		200I1354	
EU model outdoor Code		200I1402	
Type		TI, H/P, INVERTER	
Performance			
Pdesign Cooling	W	3500	
Pdesign Heating Average	W	2600	
Pdesign Heating Warmer	W	3500	
SEER	Cooling	8,5	
SCOP	Heating Average	5,1	
SCOP	Heating Warmer	5,6	
Energy Class	Cooling	A+++	
Energy Class	Heating Average	A+++	
Energy Class	Heating Warmer	A+++	
Cooling Capacity	W	3500(1000-4400)	
Heating Capacity	W	4200(1600-4800)	
Rated Input-Cooling	W	790(180-900)	
Rated Input-Heating	W	980(300-1280)	
Moisture Removal	L/H.r	1,2	
Air Circulation (H/HM/M/ML/L/Quiet)	m3/h	630/600/560/510/460/410	
EER for Cooling	W/W	4,43	
COP for Heating	W/W	4,29	
Max current	A	8	
Refrigerant		R32	
Refrigerant charge volume		g	860
Indoor Unit Noise Level - Sound Power		dB (A)	55
Indoor Unit Noise Level - Sound Pressure (H/HM/M/ML/L/Quiet)		dB (A)	38/36/33/32/30/25
Outdoor Unit Noise Level - Sound Power		dB (A)	62
Outdoor Unit Noise Level - Sound Pressure		dB (A)	50
Annual energy consumption(cooling)		kWh/a	144
Annual energy consumption (heating)	warmer		875
	average		714
	colder		/
Outdoor Base Chasis Heater		W	Optional,150W
Power Supply			
Voltage, Frequency, Phase		V	220-240V~,50Hz,1P
Rated Current	Cooling (A)		3,5
	Heating (A)		4,3
System			
Compressor type			Rotary
Compressor Model No.			KSN98D64UFZR3
Compressor MFG			GMCC
Expansion Device			expansion valve
Evaporator			Copper tube and Aluminum Fin
Condenser			Copper tube and Aluminum Fin

## Energy Nordic



Hisense model		AST-12UW4RXVQG01
Connecting Pipe Diameter		
Liquid Pipe	inch	1/4
Gas Pipe	inch	3/8
Features		
Smart Eye (Motion Sensor)		Yes
Air Flow Follow You / Avoid You		Yes
AI Smart TMS Comfortable Function		Yes
HI-NANO Sterilization		Yes
Self-Clean (Indoor & Outdoor)		Yes
4 in 1 filter( vitamin C+catechin+silver+HEPA) + carbon filter		Yes
Wifi APP Control		Yes
Voice Control (with Alexa Google)		Optional
LCD Wireless Remote Controller		Yes
Removable and washable Panel		Yes
Washable PP Filter		Yes
24 Hours Timer		Yes
Vertical Auto Swing Louver		Yes
Sleep Operation		Yes
Display on Front Panel		LED
Super Function		Yes
Auto Restart		Yes
Quiet Mode		Yes
Dimmer		Yes
2 Ways Draining Connection (Left or Right)		Yes
Low ambient temperature cooling		Yes
Horizontal Auto Swing Louver		Yes
8 degree celsius heating		Yes
5 Speed and Auto Indoor Fan Control		Yes
Other		
Net Dimensions WxHxD (mm)	Indoor Unit	883×305×198
	Outdoor Unit	810×585×280
Net Weight (kg)	Indoor Unit	10
	Outdoor Unit	33
Packing Dimensions WxHxD (mm)	Indoor Unit	980×390×300
	Outdoor Unit	940×630×385
Gross Weight (kg)	Indoor Unit	12.5
	Outdoor Unit	37
Loading Capacity (20'/40'/40'HC)		86/180/208
Test Standard		EN 14511, EN 14825, EN 12102
Approvals		CE
Operating Temp Range (°C)	cooling	-15°C-50°C
	heating	-25°C-24°C
Max allowable tubing length at shipment	m	5
limit of tubing length	m	20
limit of elevation difference H	m	10
required amount of additional refrigerant	g/m	20