

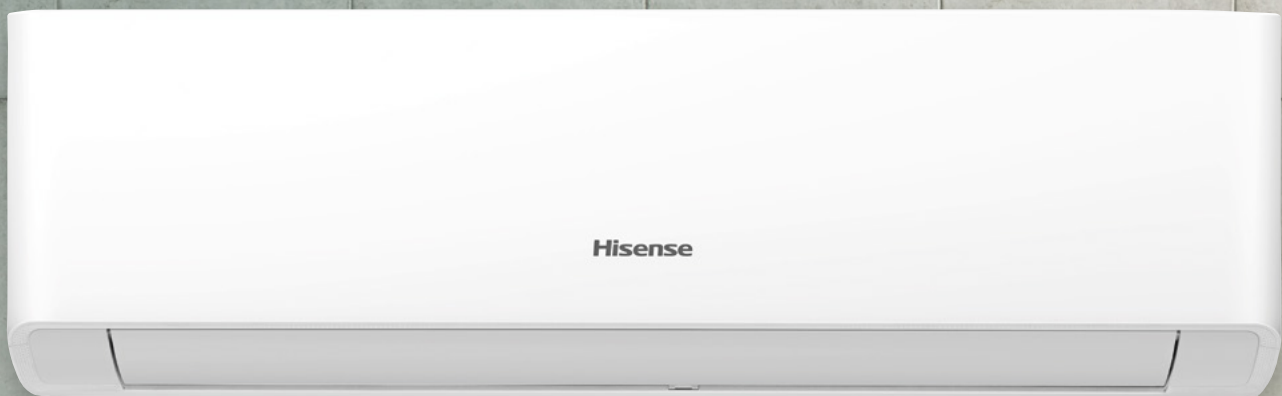
Energy SE

Energy class **A⁺⁺/A⁺⁺⁺**

Excellent heating even at low outside temperatures

The new Energy SE brings you the perfect feeling of comfort even in the coldest winters. By generating millions of ions, it removes bacteria and viruses in the air effectively. Breathe in pure air every day by controlling your air conditioner simply and conveniently via your mobile phone and Wi-Fi.

Hisense



Never feel cold again



Heating at -22°C

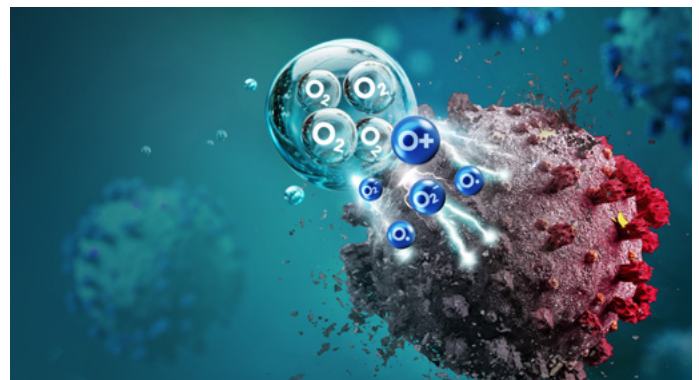
You can enjoy the sunny warmth with perfect heating performance even if the outdoor temperatures drop to -22°C. Low temperature heating capacity is supported by special air conditioner's preheating technology.

Keeps you healthy



HI-NANO

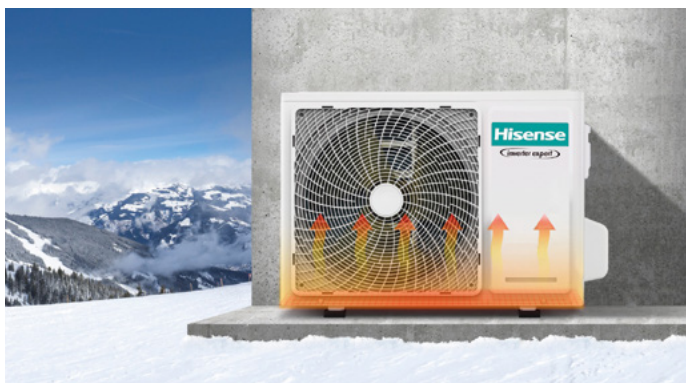
Innovative Hisense HI-NANO technology generates enormously high concentration of dual ions, effectively eliminating the bacteria and viruses including Coronavirus (COVID-19) from the air and creating a healthy environment that protects health.



Low temperature protection

Chassis heater

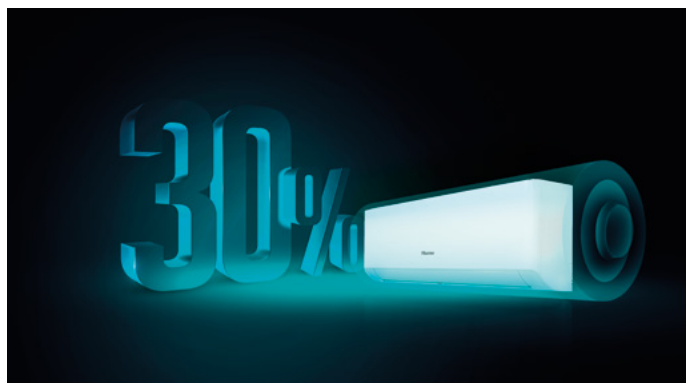
Special outdoor chassis heater improves the defrosting efficiency of the chassis in winters and therefore helps to maintain your air conditioner's optimum heating performance throughout the entire season.



High Efficiency and Energy Saving

High Energy efficiency

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 reduces annual power consumption by 30%.



Control from anywhere, anytime

Wi-Fi Control

Control your air conditioner anytime and anywhere conveniently – inside and outside your home using just your Android or iOS device. Simply ensure a comfortable living environment at home at all times.



Turbo mode for feeling better in shorter time

Super Cool

The turbo frequency increase technology enables rapid cooling or heating and allows you to enjoy larger airflow, so to feel comfortable in a shorter time.



 19 dB(A)

 4-in-1 filter & active carbon filter

 Full DC Inverter

 8 °C Heating

 Indoor self-clean

 1W Standby

 Anti-bacteria Fin

 Timer 24h

 Self Diagnostics

 Voice Control

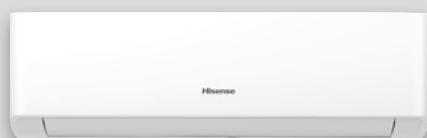
 Smart Mode

 Economy Mode Operation

Energy SE



Model No.		AST-09UW4RMRKA00	AST-12UW4RXRKA00	AST-18UW4RBSKA00	AST-24UW4RKTKA00
EU model		KA25MROE	KA35XROE	KA50BSOE	KA70KTOE
EU model indoor		KA25MROEG	KA35XROEG	KA50BSOEG	KA70KTOEG
EU model outdoor		KA25MROEW	KA35XROEW	KA50BSOEW	KA70KTOEW
EU model indoor Code		20003817	20003818	20003819	20003821
EU model outdoor Code		20003848	20003849	20003850	20003851
Type		TI, H/P, INVERTER	TI, H/P, INVERTER	TI, H/P, INVERTER	TI, H/P, INVERTER
Performance					
Pdesign Cooling	W	2600	3500	5000	7000
Pdesign Heating Average	W	2300	2800	3900	5000
Pdesign Heating Warm	W	2600	3500	5000	7100
SEER	Cooling	8,5	8,5	7,8	7,9
SCOP	Heating Average	4,6	4,6	4,6	4,6
SCOP	Heating Warm	5,2	5,1	5,1	5,1
Energy Class	Cooling	A+++	A+++	A++	A++
Energy Class	Heating Average	A++	A++	A++	A++
Energy Class	Heating Warm	A+++	A+++	A+++	A+++
Cooling Capacity	W	2600 (800-3200)	3500 (1000-4000)	5000 (1500-6300)	7000 (1600-7800)
Heating Capacity	W	3000 (800-3300)	3900 (1000-4400)	5400 (1600-6200)	7500 (1800-8000)
Input-Cooling	W	590 (170-1400)	890 (190-1500)	1295 (260-1800)	2000 (420-2760)
Input-Heating	W	720 (170-1500)	1000 (190-1600)	1380 (320-1650)	2100 (395-2850)
Moisture Removal	L/H.r	0,9	1,2	2,0	2,2
Air Circulation	m3/h	520	580	950	1100
EER for Cooling	W/W	4,41	3,93	3,86	3,5
COP for Heating	W/W	4,17	3,90	3,91	3,57
Max current	A	7,5	8	12,3	15,2
Refrigerant	-	R32	R32	R32	R32
Refrigerant charge volume	g	750	800	1150	1500
Indoor Unit Noise Level - Sound Power	dB (A)	56	56	60	63
Indoor Unit Noise Level - Sound Pressure (H/H-M/M/M-L/L/Quiet)	dB (A)	39/37/35/33/31/25	40/38/35/33/31/26	44/42/39/37/35/31	45/42/40/38/36/32
Outdoor Unit Noise Level - Sound Power	dB (A)	61	62	63	67
Outdoor Unit Noise Level - Sound Pressure	dB (A)	53	54	56	58
Annual energy consumption(cooling)	kWh/a	107	144	224	310
Annual energy consumption (heating)	warmer	700	961	1372	1949
	average	700	852	1187	1522
	colder	-	-	-	-
Power Supply					
Voltage, Frequency, Phase	V	220-240V~,50Hz,1P	220-240V~,50Hz,1P	220-240V~,50Hz,1P	220-240V~,50Hz,1P
Rated Current	Cooling (A)	2,6	4	5,8	8,9
	Heating (A)	3,2	4,5	6,2	9,4
System					
Compressor type		Rotary	Rotary	Rotary	Rotary
Compressor Model No.		KSK89D59UEZC	KSN98D64UFZ3	KTNI50D42UFZB	KTM225D43UMT
Compressor MFG		GMCC	GMCC	GMCC	GMCC
Expansion Device		expansion valve	expansion valve	expansion valve	expansion valve



Model No.		AST-09UW4RMRKA00	AST-12UW4RXRKA00	AST-18UW4RBSKA00	AST-24UW4RKTKA00
Evaporator		Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin
Condenser		Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin
Connecting Pipe Diameter					
Liquid Pipe	inch	1/4	1/4	1/4	3/8
Gas Pipe	inch	3/8	3/8	1/2	5/8
Features					
Display on Front Panel		LED	LED	LED	LED
LCD Wireless Remote Controller		Yes	Yes	Yes	Yes
Removable and washable Panel		Yes	Yes	Yes	Yes
Washable PP Filter		Yes	Yes	Yes	Yes
24 Hours Timer		Yes	Yes	Yes	Yes
3 Speed and Auto Indoor Fan Control		Yes	Yes	Yes	Yes
Vertical Auto Swing Louver		Yes	Yes	Yes	Yes
Sleep Operation		Yes	Yes	Yes	Yes
Smart Function		Yes	Yes	Yes	Yes
Super Function		Yes	Yes	Yes	Yes
Auto Restart		Yes	Yes	Yes	Yes
Silent Mode		Yes	Yes	Yes	Yes
Dimmer		Yes	Yes	Yes	Yes
2 Ways Draining Connection (Left or Right)		Yes	Yes	Yes	Yes
Low ambient temperature cooling		Yes	Yes	Yes	Yes
Horizontal Auto Swing Louver		No	No	No	No
Super silence		RC	RC	RC	RC
8 degree celsius heating		RC	RC	RC	RC
5 Speed and Auto Indoor Fan Control		RC	RC	RC	RC
Outdoor unit chasis heating belt		Yes,150W	Yes,150W	Yes,200W	Yes,250W
Other					
Net Dimensions WxHxD (mm)	Indoor Unit	798×256×191	798×256×191	896×300×214	1008×325×217
	Outdoor Unit	780×540×260	810×585×280	860×667×310	900×750×340
Net Weight (kg)	Indoor Unit	7.5	7.5	10.3	12.0
	Outdoor Unit	28	33	39	49
Packing Dimensions WxHxD (mm)	Indoor Unit	850×320×260	850×320×260	960×365×300	1120×390×315
	Outdoor Unit	910×600×360	940×630×385	995×720×420	1060×820×450
Gross Weight (Kg)	Indoor Unit	9.2	9.2	12.3	14.5
	Outdoor Unit	31,5	37	45	54
Loading Capacity (20°/40°/40°HC) No Pipe		112/222/264	98/198/230	72/140/164	52/108/124
Test Standard		EN 14511,EN 14825, EN 12102	EN 14511,EN 14825, EN 12102	EN 14511,EN 14825, EN 12102	EN 14511,EN 14825, EN 12102
Approvals		CE	CE	CE	CE
Operating Temp Range (°C)	cooling	-15°C-43°C	-15°C-43°C	-15°C-43°C	-15°C-43°C
	heating	-22°C-24°C	-22°C-24°C	-22°C-24°C	-22°C-24°C
Max allowable tubing length at shipment	m	5	5	5	5
limit of tubing length	m	20	20	20	20
limit of elevation difference H	m	10	10	15	15
required amount of additional refrigerant	g/m	20	20	20	30

RC: The function realization depend on the RC which you chose.