



INVERTER

premium
series



Standard Features



Universal Warranty



Turbo



World-Famous
Compressor



Eco Mode



High Density
Filter



Golden Fin



Self Cleaning

Optional Features



Additional Filters



Outdoor Chassis
Electric Heater



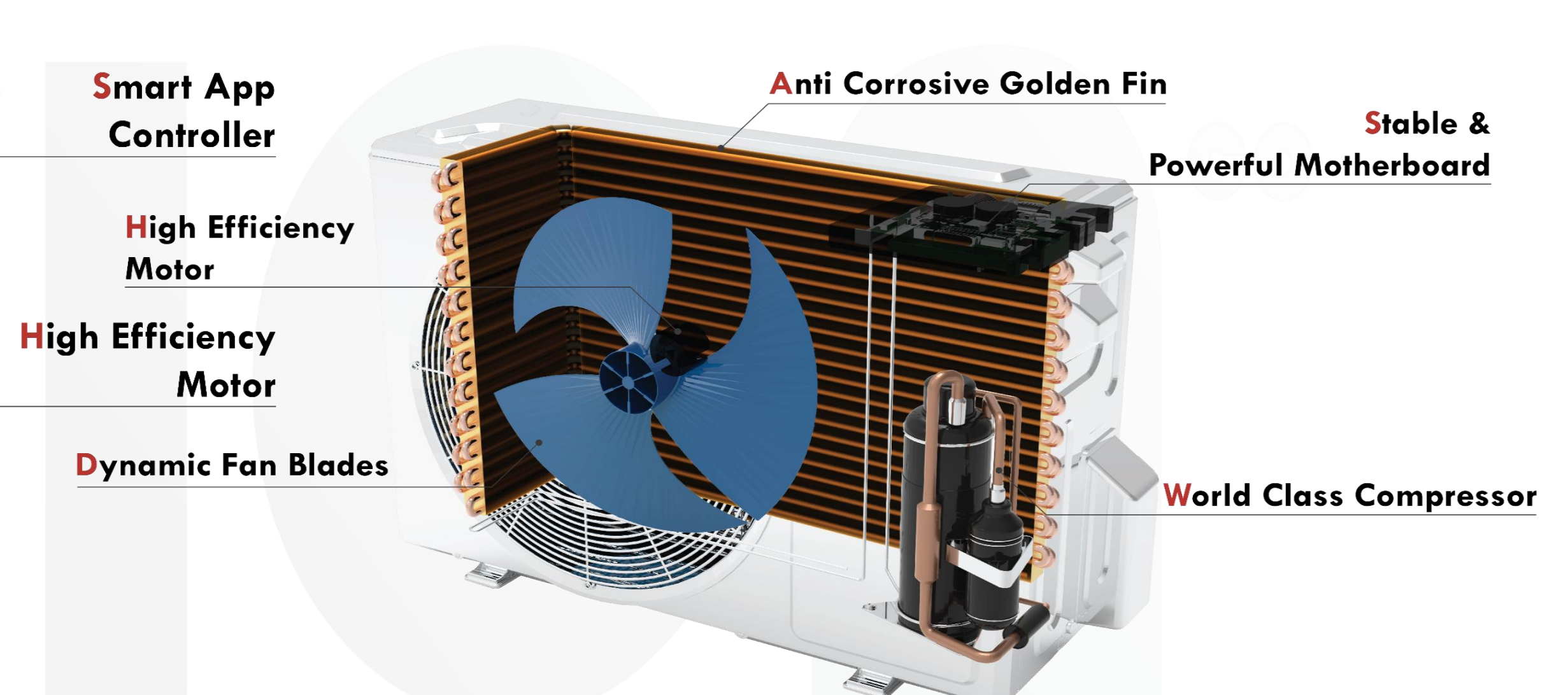
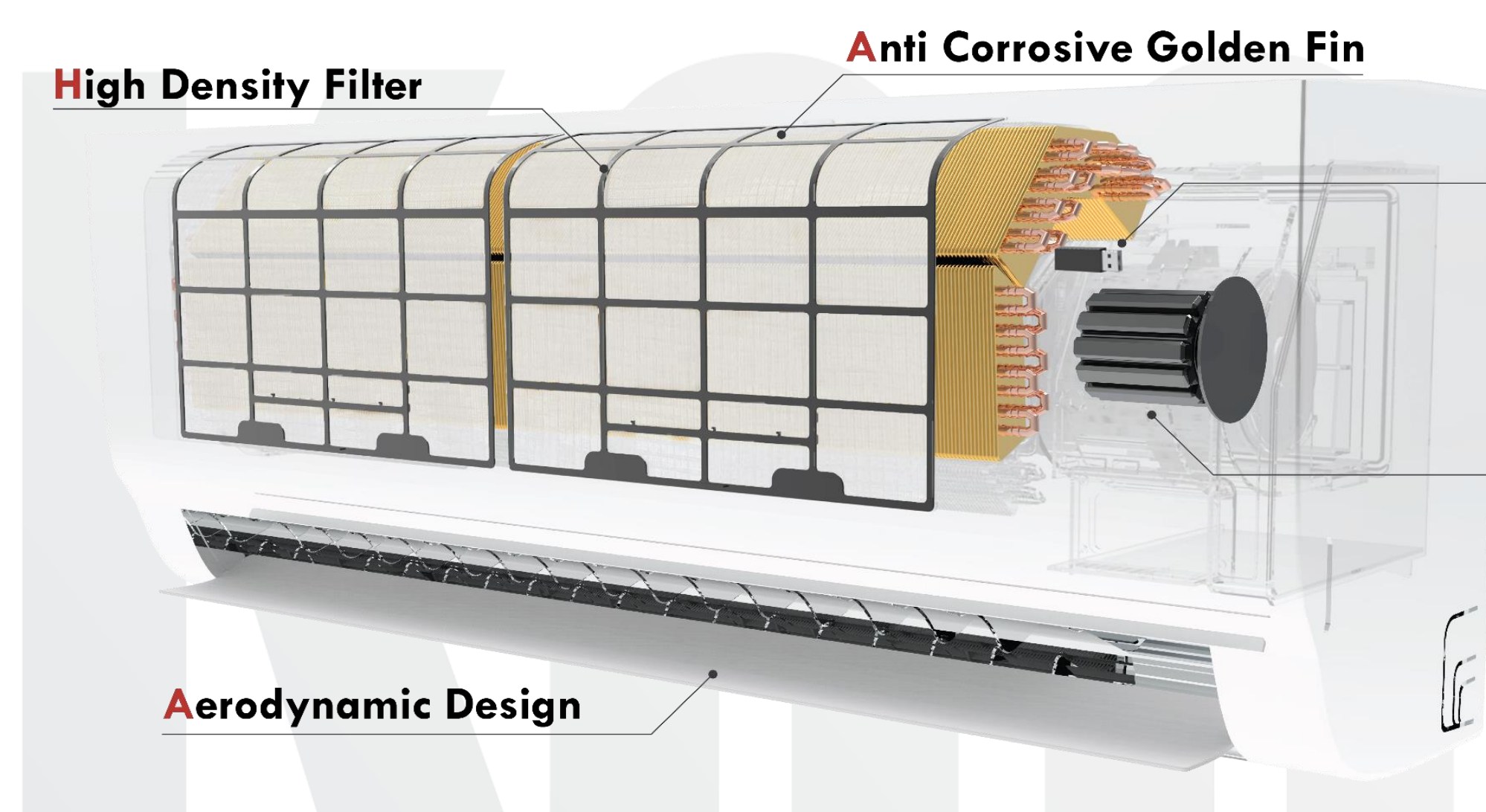
Smart Features



Ionizer



UVC Sterilization



*The final product may be different to the 3D model.

<https://www.kanionco.com/>

Premium Series

R32 Wall Split Type Extreme Inverter 50Hz Cooling & Heating

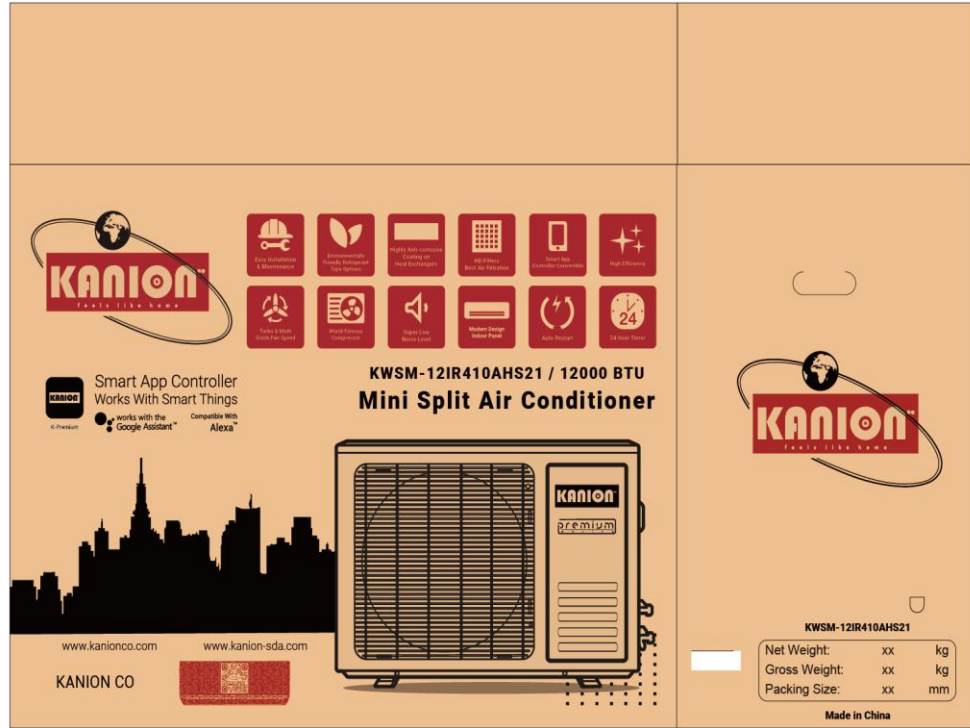
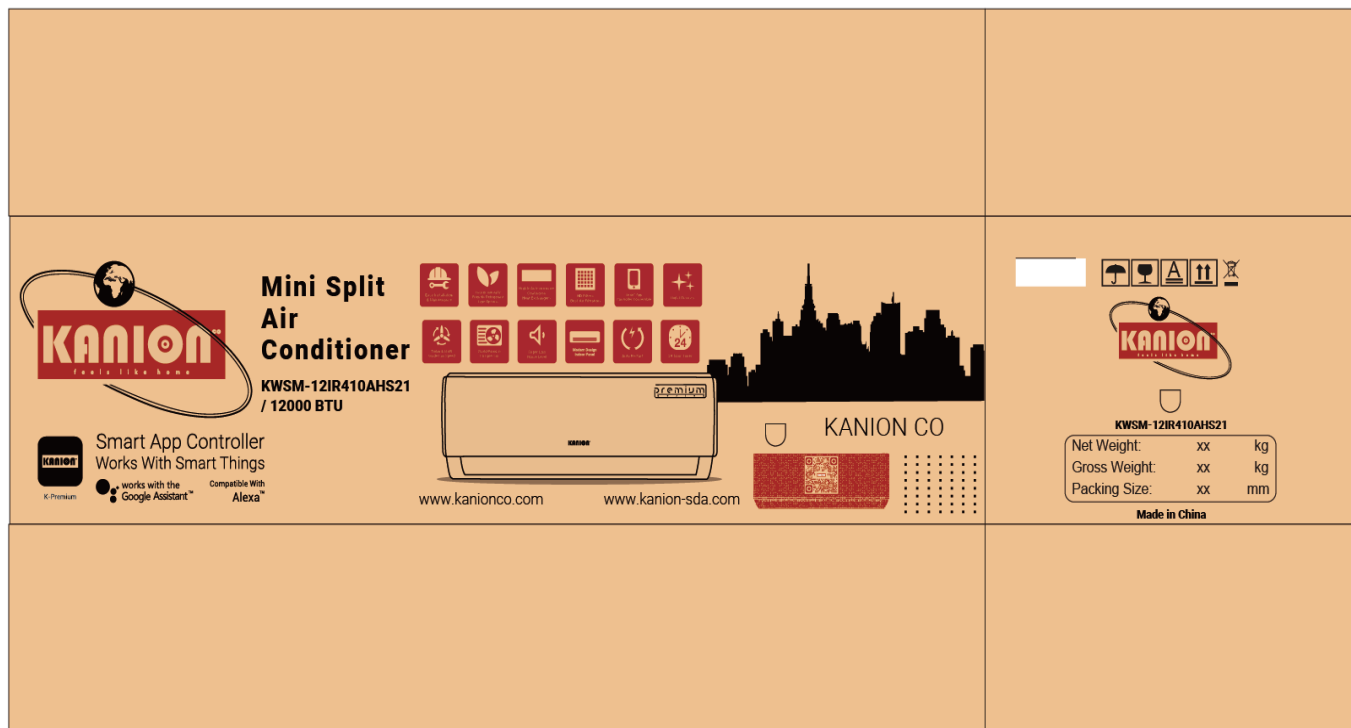


Model	Description	Remark
KWSM-12IR32HF	12000BTU, R32/50HZ/220V/Cooling and Heating,DC Inverter Split Air Conditioner,remote control, LED Display,Auto Restart, GMCC Compressor	Including: 3m copper pipe & cable Wifi Generator Mode
KWSM-18IR32HF	18000BTU, R32/50HZ/220V/Cooling and Heating,DC Inverter Split Air Conditioner,remote control, LED Display,Auto Restart, HIGHLY Compressor	
KWSM-24IR32HF	24000BTU, R32/50HZ/220V/Cooling and Heating,DC Inverter Split Air Conditioner,remote control, LED Display,Auto Restart, SANYO Compressor	

General Specifications						
Model No.			KWSM-09IR32HF	KWSM-12IR32HF	KWSM-18IR32HF	KWSM-24IR32HF
Producer			Kanion Co			
Operation			Cooling,Heating, Fresh air, Dehumidification,Gentle Cool Wind			
Description			Ductless Split Type DC Inverter 50Hz			
Type			Cooling & Heating			
Control type			Remote Controller (Standard) / Smart App Controller compatible with all major A.I. voice assitants (Optional)			
Filter type			HD Filter, Reinforced high density filter			
Heat exchangers			Golden fin anticorrosive coating			
Warranty			24 months for units / 5 years for compressor			
Control type			Remote			
Rated cooling capacity		Btu/h	9000(2400~11500)	12000(3410~13000)	18000(4400~20000)	24000(5100~25600)
Rated cooling capacity		W	2640(700~3370)	3520(1000~3810)	5280(1300~5860)	7030(1500~7500)
Rated heating capacity		Btu/h	9500(2400~12500)	12500(3480~13500)	18500(4400~21500)	24500(5100~27000)
Rated heating capacity		W	2780(700~3660)	3660(1020~3960)	5420(1300~6300)	7180(1500~7900)
EER for cooling		W/W	3.21			
Class in Cooling			A			
COP for heating		W/W	3.61			
Class in Heating			A			
Moisture removal		Liters/h	1	1.2	1.8	2
Pressure	High(DP)	MPa	4.5			
	Low(SP)	MPa	1.2			
Outdoor noise level		dB(A)	49	49	54	55
Electrical Data						
Power supply			220-240V~/50Hz/1P			
Voltage Range		V	187-265			
Rated current	Cooling	A	3.8(1.3~7.1)	5.1(1.4~8.0)	7.8(2.4~12.0)	10.4(3.0~14.0)
	Heating	A	3.6(1.3~7.1)	4.7(1.4~8.0)	7.1(2.4~12.0)	9.4(3.0~14.0)
Rated input	Cooling	W	820(200~1600)	1095(300~1800)	1645(420~2500)	2190(530~2800)
	Heating	W	770(200~1600)	1013(300~1800)	1500(420~2500)	1985(530~2700)
Annual energy consumption(cooling)		kwh	410	548	823	1095
Max Current	Cooling	A	7.1	8.0	12.0	14.0
	Heating	A	7.1	8.0	12.0	14.0
Max Power input	Cooling	W	1600	1800	2500	2800
	Heating	W	1600	1800	2500	2700
Refrigerating&Fan System						
Refrigerant/Charge		kg	R32/0.400	R32/0.460	R32/0.670	R32/1.040
Compressor	Type	Rotary				
	Brand	GMCC		GMCC	HIGHLY	SANYO
Expansion device			Capillary tube			
Indoor air circulation(Cooling/Heating)		m³/h	460/500	500/550	800/800	1000/1000
Indoor fan motor	type	Cross flow 22001-000532		Cross flow 22001-000532	Cross flow 22001-000562	Cross flow 22001-000240
	Output	W	16	16	25	45
	Capacitor	uF	1.5	1.5	/	/
Indoor fan speed H/M/L	Cooling	rpm	1250/1150/1050/950/850/750/6001280/1200/1100/1000/900/800/700	1400/1260/1150/1050/960/870/800	1400/1260/1150/1050/960/870/800	1400/1260/1150/1050/960/870/800
	Heating	rpm	1250/1150/1080/1000/920/820/750	1150/1080/1020/950/900/820/750	1300/1200/1100/1000/900/800/750	1300/1200/1100/1000/900/800/750
	Dry	rpm	750	800	870	870
	Sleep	rpm	750/820	800/820	870/800	870/800
Evaporator	a.Number of rows	1	1	2	2	
	c.Fin spacing	mm	1.3	1.3	1.4	1.4
	e.Tube outside dia.and type	mm	Φ7,innergroove tube			
Outdoor fan motor	type	Propeller 22001-000552		Propeller 22001-000552	Propeller 22001-000555	Propeller 22001-000493
	Output	W	25	25	33	33
	Capacitor	uF	2	2	/	/
	Speed	r/min	895	895	1000	1000
Condenser	a.Number of rows	1	1	1	2	
	b.Tube pitch(a)x row pitch(b)	mm	21×18.2			
	c.Fin spacing	mm	1.2	1.2	1.1	1.4
	d.Fin type	Corrugated				
	e.Tube outside dia.and type	mm	Φ7,innergroove tube			
Connections						
Connecting Pipe	Gas	mm	Φ9.52(3/8")	Φ9.52(3/8")	Φ9.52(3/8")	Φ12(1/2")

Connecting pipe		Liquid	mm	Φ6(1/4")			
Connecting Wiring		Core number x Size		4×1.0	4×1.0	4×0.75	4×0.75
Others							
Suitable area		m ²	9~16	15~23	20~35	27~45	
Max. refrigerant pipe length		m	15				
Max. difference in level		m	5				
Operation temperature range		℃	16~31				
Ambient temperature range	Outdoor	℃	Cooling:0-53/Heating:-15-30				
	Indoor	℃	Cooling:17-32/Heating:0-30				
Net dimensions (W x D x H)	Indoor	mm	698×255×190	777×250×201	910×294×206	1010×315×220	
	Outdoor	mm	712×276×459	712×276×459	795×305×549	853×349×602	
Net weight	Indoor	kg	6.5	7.5	10	12	
	Outdoor	kg	19.5	20	24.5	31	
Packing dimensions (W x D x H)	Indoor	mm	764×325×257	840×315×260	979×372×277	1096×390×297	
	Outdoor(w/o pipe)	mm	765×310×481	765×310×481	835×328×575	890×385×628	
	Outdoor(w/i pipe)	mm	775×325×530	775×325×530	835×340×585	890×385×628	
Gross weight	Indoor	kg	8.5	9.5	13	14.5	
	Outdoor(w/o pipe)	kg	21	21.5	27.5	33.5	
	Outdoor(w/i pipe)	kg	22	22.5	29	35	
Loading Capacity w/o pipe	20'/40'GP/40'HQ		372	355	258	196	
Loading Capacity w/i pipe	20'/40'GP/40'HQ		336	320	248	196	
Trade Terms							

1. Warranty: 5 years for compressor, 2 years for units
2. 1% free spare parts of total amount with shipment (For normal order of one container or more)
3. Payment term: 30% TT as deposit before production , balance 70% by T/T before shippment (For orders meeting MOQ)
4. Delievery: Within 45 days after receipt TT deposit
5. Trade term: FOB XL PORT GD



And It Feels Like Home!

Suitable for Every House
Easy to Install and Maintain
Energy Saving - Economy for People and the Environment
Comfort, Safety and Healthy Living with Kanion AC Outstanding Features
5 Year for Compressor and 2 Years for Parts, Kanion Warranty

