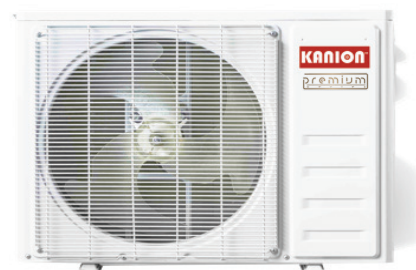




INVERTER
premium
series



Standard Features



DC Inverter



Universal Warranty



Turbo



World-Famous Compressor



Eco Mode



High Density Filter



Golden Anticorrosive Technology



Self Cleaning

Optional Features



Additional Filters



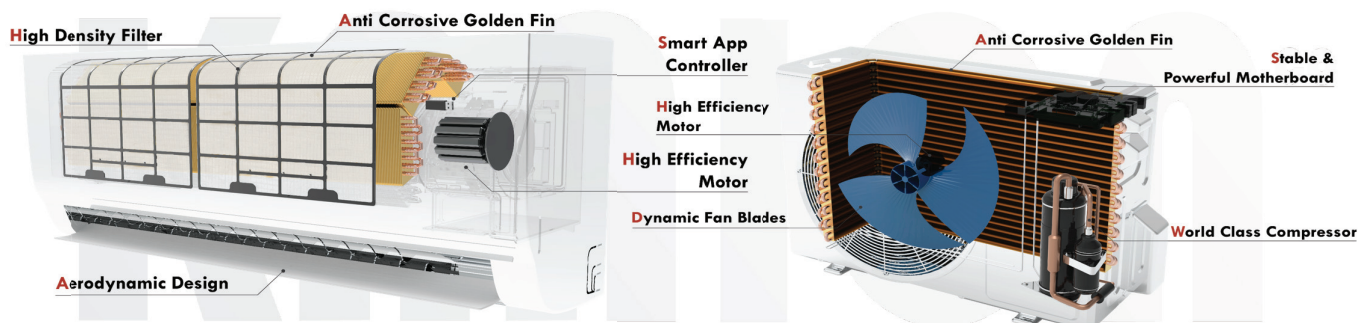
Outdoor Chassis Electric Heater



Smart Features



3D Air Flow



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

Premium Series A+++

R32 Wall Split Type DC Inverter 50Hz Designed for the European Union



Model	Description	Certification
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KWSM-09IR32HF

9,000BTU R32 DC Inverter Wall Split Type Cooling & Heating
220 - 240V~ 50Hz A+++

KWSM-12IR32HF

12,000BTU R32 DC Inverter Wall Split Type Cooling & Heating
220 - 240V~ 50Hz A+++

KWSM-18IR32HF

18,000BTU R32 DC Inverter Wall Split Type Cooling & Heating
220 - 240V~ 50Hz A+++

KWSM-24IR32HF

24,000BTU R32 DC Inverter Wall Split Type Cooling & Heating
220 - 240V~ 50Hz A+++

Smart App control (wi-fi control)

Outdoor unit heating chassis



RoHS

General Specifications						
			KWSM-09IR32HF	KWSM-12IR32HF	KWSM-18IR32HF	KWSM-24IR32HF
Producer			Kanion Co			
Operation			Cooling, Heating, Dehumidification, Timer, Turbo, Self clean, Fresh air			
Description			Wall Split Type DC Inverter 50Hz			
Type			Cooling & Heating			
Power supply			220v-240V 50HZ			
Control type			Remote Controller (Standard) / Smart App Controller compatible with all major A.I. voice assitants (Optional)			
Filter type			High Density Filters			
Heat exchangers			Golden Anticorrosive Technology			
Warranty			24 months for units / 5 years for compressor			
Cooling	Cooling capacity	W	2600(940~3300)	3400(1000~3770)	5140(1250~5910)	7040(1500~7800)
	Power consumption	W	800(240~1380)	1130(290~1500)	1567(330~2350)	2166(390~2800)
	Operating current	A	4.6(1.2~8.0)	5.8(1.5~9.0)	6.9(1.5~12.0)	9.6(1.8~12.6)
	EER	W/W	3.25	3	3.28	3.25
Seasonal Cooling	Pdesignc	W	2600	3400	5100	7000
	SEER	W/W	6.3	6.1	6.5	
	Energy Class		A++			
	Annual energy consumption	kwh/a	144	195	275	377
Heating	Heating capacity	W	2610(940~3360)	3420(1000~3810)	5210(1250~6070)	7200(1500~7900)
	Power consumption	W	699(240~1552)	922(290~1720)	1376(340~2550)	2112(390~3000)
	Operating current	A	4.1(1.2~9.0)	4.7(1.5~10.0)	6.2(1.6~13.0)	9.5(1.8~13.4)
	COP	W/W	3.73	3.7	3.78	3.4
Seasonal Heating (Average)	PdesignH	W	2100	2400	3900	4900
	SCOP	W/W	4			
	Annual energy consumption	kwh/a	735	840	1365	1715
	Declare capacity(-10°C)	W	2000	2200	3600	4500
	Back up heating capacity(-10°C)	W	100	200	300	400
	PdesignH	W	2300	2600	5100	6000
Seasonal Heating (Warmer)	SCOP	W/W	5.1			
	Energy Class		A+++			
	Annual energy consumption	kwh/a	631	714	1400	1648
	Declare capacity(2°C)	W	2300	2600	5100	6000
Seasonal Heating (Colder)	PdesignH	W	2000	2200	4600	5500
	SCOP	W/W	3.4			
	Annual energy consumption	kwh/a	1235	1359	2842	3398
	Declare capacity(-22°C)	W	1700	1900	3800	4500
	Back up heating capacity(-22°C)	W	300		800	1000
Moisture removal		Liters/h	1	1.2	1.8	2.4
Sound power(S/H/H-M/M/M-L/L/Mute)		dB(A)	50/47/45/43/40/35/32		56/53/50/47/44/41/37	58/56/54/51/49/46/40
Sound pressure(S/H/H-M/M/M-L/L/Mute)		dB(A)	40/37/35/33/30/25/22		47/43/40/37/34/31/27	48/46/44/41/39/36/30
Air circulation (S/H/H-M/M/M-L/L/Mute)	Cooling	m³/h	420/390/360/330/320/300/270	550/510/440/420/400/370/310	800/760/690/630/580/540/440	1000/950/870/790/720/670/550
	Heating	m³/h	420/390/360/330/320/300/270	550/510/480/440/420/400/350	800/760/690/630/580/540/440	1000/950/870/790/720/670/590
Fan speed (S/H/H-M/M/M-L/L/Mute)	Cooling	rpm	1400/1300/1200/1100/1050/1000/900	1250/1150/1000/950/900/850/700	1400/1260/1150/1050/960/870/800	1270/1200/1100/1000/920/850/700
	Heating	rpm	1400/1300/1200/1100/1050/1000/900	1250/1150/1080/1000/950/900/800	1400/1260/1150/1050/960/870/800	1270/1200/1100/1000/920/850/750
Indoor fan motor Type			AC		DC	
Indoor	Net weight	kg	6.5	8	9.5	12
	Gross weight	kg	8.5	10.5	11.5	14
	Net dimensions (W x H x D)	mm	698×255×190	777×250×201	910×294×206	1010×315×220

	Packing dimensions(W x H x D)	mm	764×325×257	840×315×260	979×372×277	1096×390×297
Electrical Data						
Compressor	Type		Rotary			
	MFG		Rechi	Gmcc	Sanyo	
Refrigerant	Type		R32			
	Charge		0.57		0.96	1.14
	GWP		675			
	CO2 equivalent		0.385		0.648	0.77
Outdoor air circulation		m3/h	1900		2600	3000
Outdoor fan speed(S/H/M/L/Mute)	Cooling	rpm	900/820/820/730/730	850/810/730/620/550	930/930/830/630/550	930/830/690/570/450
	Heating	rpm	870/820/730/730/730	850/810/730/620/450	910/910/830/630/450	890/830/690/590/450
Outdoor fan motor Type			DC			
Outdoor sound power		dB(A)	60		65	67
Outdoor sound pressure		dB(A)	50		55	57
Expansion device			Capillary			
Other						
Outdoor	Net weight	kg	24		30	38
	Gross weight(Without pipe)	kg	26		32.5	40.5
	Gross weight(With pipe)	kg	27		34	42
	Net dimensions (W x H x D)	mm	777×498×290		853×602×349	920×699×380
Outdoor Unit Packing dimensions	(W x H x D)-no pipe	mm	818×515×325		890×628×385	949×732×392
	(W x H x D)-3m pipe	mm	818×515×325		890×628×385	950×732×420
	(W x H x D)-4m pipe	mm	818×515×325		890×628×385	950×732×420
	(W x H x D)-5m pipe	mm	838×540×338		890×628×385	950×732×420
	(W x H x D)- with bracket	mm	838×580×338		890×673×385	950×777×420
Connecting Wiring (Core x Size)		mm²	4×0.75			
Power supply cable(Core x Size)		mm²	3×1.5			
Drainage pipe diameter		mm²	16			
Connecting Pipe	Gas	Inches	3/8"			
	Liquid	Inches	1/4"			
Application area		m²	9~16	14~22	20~35	27~45
Max. refrigerant pipe length		m	25			
Max. difference in level		m	10			
Standard precharge total pipe length		m	5			
Additional refrigerant charge		g/m	15		25	
Operation temperature range		°C	16-31			
Ambient temperature range	Outdoor	°C	Cooling:-15-53/Heating:-20-30			
	Indoor	°C	Cooling:17-32/Heating:0-30			
Loading QTY	40HQ	sets	330	315	213	158