

# Split Type Inverter

## Super INVERTER III



ECO  
MODE



2-WAY DRAINING  
CONNECTION



4D AIR CLEANING  
FILTER



REFRIGERANT  
LEAKAGE DETECT



SELF  
DIAGNOSIS



SLEEP  
MODE

	Indoor Outdoor	KV09WM-ARF21C2 KV09OD-ARF21C2	KV12WM-ARF21C2 KV12OD-ARF21C2	KV18WM-ARF21C2 KV18OD-ARF21C2	KV24WM-ARF21C2 KV24OD-ARF21C2	KV27WM-ARF21C2 KV27OD-ARF21C2
Cooling Capacity Rated	Btu/h	9,000	12,953	19,694	25,031	27,000
Rated	Kj/h	9,495	13,665	20,777	26,408	28,485
Power Consumption Rated	W	790	910	1,510	1,945	1,865
Rated Current (Max-Min)	A	3.6	4.6	7.6	9.8	9.07
EER	Btu/h-W	11.4	14.2	13.0	12.9	14.5
	Kj/h-W	12.0	15.0	13.8	13.6	15.3
Voltage, Frequency, Phase	V~, Hz, Ph	230V, 60Hz, 1Ph	230V, 60Hz, 1Ph	230V, 60Hz, 1Ph	230V, 60Hz, 1Ph	230V, 60Hz, 1Ph
Refrigerant		R410A	R410A	R410A	R410A	R410A
Airflow (Hi/Mi/Lo)	m <sup>3</sup> /h	470.5/377.8/273	566/508/361	891/635/550	1,064/831/661	1,348/1,028/778
Indoor Noise Level (Hi/Mi/Lo)	dBA	37.5/32/27	40/36/31	45/39/33	48/41/32	51/45/40
Outdoor Noise Level	dBA	56	56	57	58	60
Unit Dimension	mm					
Indoor Unit WxDxH		722 x 187 x 290	802 x 189 x 297	965 x 215 x 319	1,080 x 226 x 335	1,259 x 282 x 362
Outdoor Unit WxDxH		681 x 285 x 434	770 x 300 x 555	800 x 333 x 554	845 x 363 x 702	946 x 410 x 810
Carton Dimension	mm					
Indoor Unit WxDxH		790 x 270 x 370	875 x 285 x 375	1,045 x 305 x 405	1,155 x 415 x 315	1,340 x 450 x 385
Outdoor Unit WxDxH		795 x 345 x 495	900 x 345 x 585	920 x 390x 615	965 x 395 x 755	1,090 x 500 x 885
Weight	Kg					
Indoor Net /Gross		7.7/10	9/11.5	11.2/12.7	13.5/16.5	16.7/22.6
Outdoor Net /Gross		22.2/24.4	26.3/28.6	31/33	52/56	62.1/68.3
Piping Size	In					
Liquid,Gas		1/4", 3/8"	1/4", 1/2"	1/4", 1/2"	3/8", 5/8"	1/4", 5/8"
Max. refrigerant pipe length	m	25	25	30	30	50
Max. difference in level	m	10	10	20	20	25
Operation Temp. Range	°C	17-30	17-30	17-30	17-30	17-30
Ambient Temp. Range	°C	17-32	17-32	17-32	18-52	17-32
Applicable Area (unloaded space)	m <sup>2</sup>	12-18	16-23	23-33	29-43	33-48

**NOTES:**

- (1) Testing Conditions: Indoor air inlet temperature: 27° DB / 19 degrees WB; Outdoor air inlet temperature: 35° DB / 27° WB.
- (2) Specifications are subject to change without prior notice for continuous product improvement.
- (3) Koppel is a registered trademark of Koppel, Inc.

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