

Wall Mounted Super Inverter

koppel

Super INVERTER III



ECO
MODE



3D AIRFLOW



4D AIR CLEANING
FILTER



REFRIGERANT
LEAKAGE DETECT



2-WAY DRAINAGE
SYSTEM



SELF
DIAGNOSIS

Model	Indoor Unit Outdoor Unit	KV09WM-ARF21C2 KV09OD-ARF21C2	KV12WM-ARF21C2 KV12OD-ARF21C2	KV18WM-ARF21C2 KV18OD-ARF21C2	KV24WM-ARF21C2 KV24OD-ARF21C2	KV27WM-ARF21C2 KV27OD-ARF21C2
	HP	1.0	1.5	2.0	2.5	3.0
Cooling Capacity (Min-Max)	Btu/h	9,000 (2,457-13,000)	12,953 (2,098-16,000)	19,694 (9,104-20,000)	25,031 (11,096-32,160)	27,000 (11,332-31,018)
	kJ/h	9,495 (2,592-13,715)	13,665 (2,214-16,880)	20,777 (9,604-21,100)	26,408 (11,707-33,929)	28,485 (11,995-32,724)
Power Supply	V/Hz/Ph	230/60/1	230/60/1	230/60/1	230/60/1	230/60/1
Rated Power (Min-Max)	W	790	910	1,510	1,945	1,865
Rated Current	A	3.6	4.6	7.6	9.8	9.1
EER	Btu/hW	11.4	14.2	13	12.9	14.5
	kJ/hW	12.0	15.0	13.8	13.6	15.3
Refrigerant		R410A	R410A	R410A	R410A	R410A
Operation Temperature (Min-Max)	°C	17-30	17-30	17-30	17-30	17-30
Applicable Area (Unloaded Space)	m ²	12-18	16-23	23-33	29-43	33-48
Airflow Volume (Hi/Med/Low)	m ³ /h	470.5/377.8/273	566/508/361	891/635/550	1,064/831/661	1,348/1028/778
Noise Level (Low)	dB(A)	27	31	33	32	40
Indoor						
Unit Dimension (WxDxH)	mm	722x187x290	802x189x297	965x215x319	1,080x226x335	1,259x282x362
Packaging Dimension (WxDxH)	mm	790x270x370	875x285x375	1,045x305x405	1,555x415x315	1,340x450x385
Unit Weight (Net/Gross)	Kg	7.7/10	9/11.5	11.2/12.7	13.5/16.5	16.7/22.6
Outdoor						
Unit Dimension (WxDxH)	mm	681x285x434	770x300x555	800x333x554	845x363x702	946x410x810
Packaging Dimension (WxDxH)	mm	795x345x495	900x345x585	920x390x615	965x395x755	1,090x500x885
Unit Weight (Net/Gross)	Kg	22.2/24.2	26.3/28.6	31/33	52/56	62.1/68.3
Piping Connections						
Liquid Pipe Size (Diameter)	mm (in)	Ø6.35 (Ø1/4)	Ø6.35 (Ø1/4)	Ø6.35 (Ø1/4)	Ø9.52 (Ø3/8)	Ø6.35 (Ø1/4)
Gas Pipe Size (Diameter)	mm (in)	Ø9.52 (Ø3/8)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	Ø15.9 (Ø5/8)	Ø15.9 (Ø5/8)
Max. Refrigerant Pipe Length	m	25	25	30	30	50
Max. Difference in Level	m	10	10	20	20	25

NOTES:

- (1) KV27WM-ARF21C2 / KV27OD-ARF21C2 is Full DC Technology.
- (2) Testing Conditions: Indoor air inlet temperature: 27° DB / 19° WB; Outdoor air inlet temperature: 35° DB / 27° WB.
- (3) Specifications are subject to change without prior notice for quality improvement.
- (4) Koppel is a registered trademark of Koppel Inc.

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