

SPLIT TYPE WALL MOUNTED INVERTER

koppel

Super *i*INVERTER DC PRO Plus



FULL DC
INVERTER



SUPER IONIZER



ECO
PLUS AI



4D
AIRFLOW



COOL
FLASH



SELF
DIAGNOSIS



4D
FILTER



SELF
CLEAN

Model	Indoor Unit Outdoor Unit	KV09WM-ARF31A KV09OD-ARF31A	KV12WM-ARF31A KV12OD-ARF31A	KV18WM-ARF31A KV18OD-ARF31A	KV24WM-ARF31A KV24OD-ARF31A	KV27WM-ARF31A KV27OD-ARF31A
Cooling Capacity	HP	1.0	1.5	2.0	2.5	3.0
	BTU/Hr	9,800 (1,250~9,800)	12,900 (3,000~12,900)	19,550 (4,436~19,550)	23,300(6,118~23,300)	25,950(10,300~25,950)
	kJ/Hr	10,339 (1,319~10,339)	13,610 (3,165~13,610)	20,645 (4,680~20,645)	24,582(6,455~24,582)	27,377 (10,887~27,377)
Power Supply	V/Ph/Hz	230~/60	230~/60	230~/60	230~/60	230~/60
Rated Power	W	942	1,285	1,818	2,130	2,540
Rated Current	A	4.19	5.68	8.18	10.09	11.05
EER	BTU/W-Hr	10.41	10.03	10.75	10.95	10.20
	kJ/W-Hr	10.98	10.58	11.34	11.56	10.76
CSPF		5.21	5.51	5.56	5.87	5.34
Star Rating		★★★★	★★★★	★★★★	★★★★	★★★★
Refrigerant		R32	R32	R32	R32	R32
Operation Temperature (Min-Max)	°C	16-32	16-32	16-32	16-32	16-32
Applicable Area (Unloaded Space)	SQM	12-18	16-23	24-35	29-43	32~47
Airflow Volume (Hi/Med/Low)	CMH	550/400/320	560/420/350	895/740/650	1,300/960/760	1,300/960/760
Noise Level (Hi/Med/Low)	dB(A)	40/34/31	35.5/31/29	44.5/37/34.5	48.5/40/36.5	47/40/36.5
Indoor						
Unit Dimension (WxDxH)	mm	715x203x286	806x202x286	965x220x305	1,046x228x321	1,046x228x321
Packaging Dimension (WxDxH)	mm	780x270x360	870x270x360	1,035x295x380	1,130x405x310	1,130x405x310
Unit Weight (Net/Gross)	Kg	71/9.4	78/10.0	101/13.3	121/15.7	121/15.7
Outdoor						
Unit Dimension (WxDxH)	mm	730x240x465	730x240x465	860x290x550	880x315x550	880x315x550
Packaging Dimension (WxDxH)	mm	765x270x525	765x270x525	887x337x610	915x370x615	915x370x615
Unit Weight (Net/Gross)	Kg	16.7/18.3	16.9/18.5	24.2/26.5	27.4/29.7	29.9/32.5
Piping Connections						
Liquid Pipe Size (Diameter)	mm (in)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
Gas Pipe Size (Diameter)	mm (in)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)
Max. Refrigerant Pipe Length	m	25	25	30	30	50
Max. Difference in Level	m	10	10	20	25	25

NOTES:

(1) Testing Conditions: Indoor air inlet temperature: 27°C DB / 19 °C WB; Outdoor air inlet temperature: 35°C DB / 24°C 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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