

Amazon Unitario FD


R-410A
REFRIGERANT

DC INVERTER
COMPRESSOR

DC INVERTER
EXTERNAL FAN

Technical documentation	Download
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S6

Outdoor unit model		KMF-200 DN4	KMF-224 DN4
Cooling capacity rated	kW	20	22.4
Cooling input rated	kW	4.90	6.83
EER		3.79 -	3.31 -
SEER		7.11 -	6.83 -
Energy efficiency $\eta_{s,c}$	%	281.40	270.20
Heating capacity rated	kW	22.5	25
Heating input rated	kW	6.59	6.67
COP		3.78 -	3.75 -
SCOP		3.95 -	4.26 -
Energy efficiency $\eta_{s,h}$	%	155	167.40
Communication protocol		S6	S6
No. indoor units		11	13
Connectable capacity/Simultaneity	%	50-200	50-200
Compressor type		Rotary Inverter	Rotary Inverter
No. compressor		1	1
Type refrigerant		R-410A	R-410A
t CO ₂ eq	tCO ₂	10.02	12.95
GWP		2088	2088
Refrigerant charge	kg	6.50	6.50
No. fans		2	2
Air flow	m ³ /h	9000	9000
Static pressure	Pa	-	-
Sound pressure	dB(A)	58	58
Sound power level	dB(A)	78	78
Liquid / Gas pipe diameter	inch	3/8" / 3/4"	3/8" / 3/4"
Width / Height / Depth	mm	1120 / 1558 / 528	1120 / 1558 / 528
Net weight	kg	143	143
Power supply	V/ph/Hz	380-415/3/50	380-415/3/50
Power wiring	mm ²	(4+T)x4	(4+T)x4
Shielded communication wiring	mm ²	3x0.75	3x0.75
Outdoor ambient temperature for cooling min. / max.	°C	-5 / 48	-5 / 48
Outdoor ambient temperature for heating min. / max.	°C	-20 / 24	-20 / 24

Amazon Unitario FD

S8

Outdoor unit model		KMF-252 DN6	KMF-280 DN6	KMF-335 DN6	KMF-400 DN6	KMF-450 DN6	KMF-500 DN6	KMF-560 DN6	KMF-615 DN6
Cooling capacity rated	kW	25.2	28	33.5	40	45	50	56	61.5
Cooling input rated	kW	7.60	9.10	11.60	15.70	16.00	19.50	22.90	30.80
EER		3.30 -	3.09 -	2.90 -	2.54 -	2.82 -	2.57 -	2.45 -	2.00 -
SEER		7.25 -	7.05 -	6.91 -	6.65 -	6.77 -	6.47 -	6.30 -	6.15 -
Energy efficiency $\eta_{s,c}$	%	287	279	273.40	263	267.80	255.8	249	243
Heating capacity rated	kW	25.2	28	33.5	40	45	50	56	61.5
Heating input rated	kW	6.10	7.00	9.10	11.70	12.20	13.70	20.30	22.50
COP		4.10 -	4.02 -	3.68 -	3.42 -	3.68 -	3.65 -	3.62 -	3.46 -
SCOP		4.15 -	4.11 -	4.11 -	4.15 -	4.23 -	4.17 -	4.07 -	4.00 -
Energy efficiency $\eta_{s,h}$	%	163	161.40	161.40	163	166.20	163.8	159.80	157
Communication protocol		S8	S8	S8	S8	S8	S8	S8	S8
No. indoor units		13	16	19	23	26	29	33	36
Connectable capacity/Simultaneity	%	50-200	50-200	50-200	50-200	50-200	50-200	50-200	50-200
Compressor type		DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
No. compressor		1	1	1	1	1	1	1	1
Type refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
t CO ₂ eq	tCO ₂	12.74	12.74	13.36	15.45	16.70	16.70	17.75	17.75
GWP		2088	2088	2088	2088	2088	2088	2088	2088
Refrigerant charge	kg	6.10	6.10	6.40	7.40	8	8	8.50	8.50
No. fans		2	2	2	2	2	2	2	2
Air flow	m ³ /h	11800	12500	12500	12500	18500	20000	18500	19000
Static pressure	Pa	0-35	0-35	0-35	0-35	0-35	0-35	0-35	0-35
Sound pressure	dB(A)	56	57	58	59	60	61	61	62
Sound power level	dB(A)	76	79	81	82	86	88	89	89
Liquid / Gas pipe diameter	inch	1/2" / 1"	1/2" / 1"	1/2" / 1"	1/2" / 1"	5/8" / 1"- 1/8"	5/8" / 1"- 1/8"	5/8" / 1"- 1/8"	5/8" / 1"- 1/8"
Width / Height / Depth	mm	1130 / 1760 / 580	1130 / 1760 / 580	1130 / 1760 / 580	1130 / 1760 / 580	1250 / 1760 / 580	1250 / 1760 / 580	1250 / 1760 / 580	1250 / 1760 / 580
Net weight	kg	182	182	185	187	214	214	234	234
Power supply	V/ph/Hz	380- 415/3/50	380- 415/3/50	380- 415/3/50	380- 415/3/50	380- 415/3/50	380- 415/3/50	380- 415/3/50	380- 415/3/50
Power wiring	mm ²	(4+T)x4	(4+T)x6	(4+T)x6	(4+T)x8	(4+T)x8	(4+T)x10	(4+T)x10	(4+T)x16
Shielded communication wiring	mm ²	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75
Outdoor ambient temperature for cooling min. / max.	°C	-15 / 55	-15 / 55	-15 / 55	-15 / 55	-15 / 55	-15 / 55	-15 / 55	-15 / 55
Outdoor ambient temperature for heating min. / max.	°C	-30 / 30	-30 / 30	-30 / 30	-30 / 30	-30 / 30	-30 / 30	-30 / 30	-30 / 30

NOTES:

- (1) The data and specifications included on this sheet may vary without prior notice.
- (2) The images on this sheet are indicative, and may differ from the actual machine.
- (3) Cooling capacity conditions: Indoor temperature 27°C DB/19°C WB; Outdoor temperature 35°C DB; Equivalent length of piping 7.5 m with 0 m fall; Data calculated with Duct-type indoor unit. Heating capacity conditions: Indoor temperature 20°C DB; Outdoor temperature 7°C DB/6°C WB; Equivalent length of piping 7.5 m with 0 m fall; Data calculated with Duct-type indoor unit.
- (4) Sound pressure level measured at a position 1 m in front of the unit at a height of 1 m above the floor using a semi-anechoic chamber.