Amazon VI

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R-410A REFRIGERANT · DC INVERTER COMPRESSOR · CONDENSATION CONTROL · DC INVERTER EXTERNAL FAN · MODULAR

Outdoor unit model		K2F-280 DN6	K2F-335 DN6	K2F-400 DN6	K2F-450 DN6	K2F-560 DN6
Cooling capacity rated	kW	28	33.5	40	45	56
Cooling input rated	kW	8.75	11.63	14.04	18.37	22.05
EER		3.2	2.88	2.85	2.45	2.54
SEER		7.25	7.19	7.28	6.83	6.63
Energy efficiency ηs,c	%	287	284.60	288.20	270.20	262.20
Heating capacity rated	kW	28	33.5	40	45	56
Heating input rated	kW	7.43	9.49	11.33	12.75	15.73
COP		3.77	3.53	3.53	3.53	3.56
SCOP		4.27	4.29	4.37	4.27	4.2
Energy efficiency ηs,h	%	167.80	168.60	171.80	167.80	165
Communication protocol		S8	S8	S8	S8	S8
No. indoor units		16	19	23	26	33
Connectable capacity/Simultaneity	%	50-200	50-200	50-200	50-200	50-200
Compressor type		DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
No. compressor		1	1	1	1	2
Type refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A
t CO_2eq	tCO_2	14.62	14.62	17.54	17.54	19.42
GWP		2088	2088	2088	2088	2088
Refrigerant charge	kg	7	7	8.4	8.4	9.3
No. fans		1	1	1	1	2
Air flow	m^3/h	12600	13500	15600	15600	22000
Static pressure	Pa	20-120	20-120	20-120	20-120	20-120
Sound pressure	dB(A)	58	61	65	65	66
Sound power level	dB(A)	84	85	86	86	89
Liquid / Gas pipe diameter	inch	1/2" / 1"	1/2" / 1"	5/8" / 1-1/8"	5/8" / 1-1/8"	5/8" / 1-1/8"
Width / Height / Depth	mm	940 / 1760 / 825	940 / 1760 / 825	940 / 1760 / 825	940 / 1760 / 825	1340 / 1760 / 825
Net weight	kg	195	195	215	215	295
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
Power wiring	mm^2	(4+T)x4	(4+T)x6	(4+T)x8	(4+T)x8	(4+T)x10
Shielded communication wiring	mm^2	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
Outdoor ambient temperature for heating min. / max.	°C	-30 / 30	-30 / 30	-30 / 30	-30 / 30	-30 / 30

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Outdoor unit model		K2F-615 DN6	K2F-670 DN6	K2F-785 DN6	K2F-900 DN6
Cooling capacity rated	kW	61.5	67	78.5	90
Cooling input rated	kW	25.84	31.31	32.44	43.9
EER		2.38	2.14	2.42	2.04
SEER		6.63	6.14	6.02	5.78
Energy efficiency ηs,c	%	262.20	242.60	237.80	228.20
Heating capacity rated	kW	61.5	67	78.5	90
Heating input rated	kW	17.37	19.14	23.09	27.78
COP		3.54	3.5	3.4	3.24
SCOP		4.39	4.32	4.28	4.2
Energy efficiency ηs,h	%	172.60	169.80	168.20	165
Communication protocol		S8	S8	S8	S8
No. indoor units		36	39	46	53
Connectable capacity/Simultaneity	%	50-200	50-200	50-200	50-200
Compressor type		DC Inverter	DC Inverter	DC Inverter	DC Inverter
No. compressor		2	2	2	2
Type refrigerant		R-410A	R-410A	R-410A	R-410A
t CO_2eq	tCO_2	24.97	24.97	24.97	24.97
GWP		2088	2088	2088	2088
Refrigerant charge	kg	11.96	11.96	11.96	11.96
No. fans		2	2	2	2
Air flow	m^3/h	21500	21500	28000	28000
Static pressure	Pa	20-120	20-120	20-120	20-120
Sound pressure	dB(A)	66	67	68	68
Sound power level	dB(A)	89	92	93	93
Liquid / Gas pipe diameter	inch	5/8" / 1-1/8"	5/8" / 1-1/8"	7/8" / 1-3/8"	7/8" / 1-3/8"
Width / Height / Depth	mm	1340 / 1760 / 825	1340 / 1760 / 825	1880 / 1760 / 825	1880 / 1760 / 825
Net weight	kg	315	315	396	396
Power supply	V/ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Power wiring	mm^2	(4+T)x16	(4+T)x16	(4+T)x25	(4+T)x25
Shielded communication wiring	mm^2	2x0.75	2x0.75	2x0.75	2x0.75
Outdoor ambient temperature for cooling min. / max.	°C	-15 / 55	-15 / 55	-15 / 55	-15 / 55
Outdoor ambient temperature for heating min. / max.	°C	-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 temperatue 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.