






IDU				KV36U8	KV48U8	KV60U8
ODU				KW36U7	KW48U8	KW60U8
						
Indoor model				KV36U8	KV48U8	KV60U8
Electric parameter	Power supply	Indoor	V-ph-Hz	220-240/1/50&60	220-240/1/50	220-240/1/50
	Power supply	Outdoor	V-ph-Hz	380-415/3/50&60	220-240/1/50	220-240/1/50
	Input consumption	Max.	W	7300	7500	4350
	Input current	Max.	A	13,0	14,0	19,0
Cooling	Capacity	Nominal	Btu/h	46062	54592	32414
		Nominal	W	13500	16000	9500
		Min - Max	W	4400-15400	5000-18000	2700-12000
	Input	Nominal	W	4730	6040	3330
	Current	Nominal	A	7.4	10.7	14,5
	EER	Nominal	W/W	2,83	2,63	2,83
Heating	Capacity	Nominal	Btu/h	54592	59710	37532
		Nominal	W	16000	17500	11000
		Min - Max	W	3800-17000	5000-21000	2700-13000
	Input	Nominal	W	5520	5300	3240
	Current	Nominal	A	9,3	9,7	14,1
COP	Nominal	W/W	2,90	3,30	3,40	
Indoor fan motor	Model	—		SIC-70CW-F1100-6	SIC-70CW-F1100-6	SIC-70CW-F1100-6
	Qty	—		1	1	1
	Output	W		100	100	100
	Capacitor	uF		/	/	/
	Speed(Hi/Med/Lo)	r/min		1350/1100/1000	1350/1100/1000	1050/930/820
Indoor coil	Number of rows	—		3	3	3
	Tube pitch(a) × row pitch(b)	mm		21 × 13.6	21 × 13.6	21 × 13.6
	Fin spacing	mm		1.5	1.5	1.5
	Fin type	—		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm		Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube
	Coil length × height × width	mm		1200 × 294 × 40.8	1200 × 294 × 40.8	1200 × 294 × 40.8
Indoor unit	Number of circuits	—		7	7	7
	Dimension	W × H × I	mm	1580 × 680 × 230	1580 × 680 × 230	1580 × 680 × 230
	Packing	W × H × I	mm	1690 × 820 × 350	1690 × 820 × 350	1690 × 820 × 350
	Stacking	Flat/Sideways	Layers	6/6	6/6	6/6
	Weight	Net/Gross	kg	46/54	46/54	46/54
	Air Volume	Hi/Med/Lo	m ³ /h	2200/1900/1600	2300/2000/1700	1700/1500/1300
		Hi/Med/Lo	CFM	1294/1117/941	1353/1176/1000	1000/883/765
	Sound Level (SPL)	Hi/Med/Lo	dB(A)	56/51/48	57/52/49	56/51/48
	Sound Level (PWL)	Hi	dB(A)	71	72	65
	Sound Level (PWL)	Level	—	—	—	D
	External Static Pressure	Rated	Pa	—	—	—
		Before Shipment	Pa	—	—	—
		Range	Pa	—	—	—
	Controller	Type	—	Wireless	Wireless	Wireless
		Model	—	J1-06(E)	J1-06(E)	J1-06(E)
			—	L1-12(E)	L1-12(E)	L1-12(E)
	Moisture Removal	L/H.r	—	5.0	6.0	4.0
	Drainage water pipe diameter	mm	—	ODΦ25	ODΦ25	ODΦ25
	Drain pump	—	—	—	—	—
	Air filter	—	—	Standard	Standard	Standard
Throttle type	—	—	—	—	—	
Booster heater	—	—	—	—	—	
Qty'per 20' /40' /40'HQ	—	—	42/84/98	42/84/98	42/84/98	
Design pressure	H/L	MPa	4.3/1.6	4.3/1.6	4.3/1.6	
Room temperature	setting temperature range	Cooling	C	16~30	16~30	16~30
		Heating	C	16~30	16~30	16~30



Outdoor model			KW36U7	KW48U8	KW60U8	
	Type	—	ROTARY	ROTARY	ROTARY	
	Brand	—	GMCC	GMCC	GMCC	
	Capacity	Btu/h	34470	46755	34154	
	Input	W	3155	3700	2765	
	Rated current(RLA)	A	13,20	7,02	5,38	
	Refrigerant oil	model	—	POE VG74	POE VG74	POE VG74
Amount		ml	1000	1400	1000	
Outdoor fan motor	Model	—	ZW511A800002 ZW511A800052	ZWB4710L17A	ZKFN-102-8-1	
	Qty	—	2	1	1	
	Output	W	60	250	102	
	Capacitor	μF	/	/	/	
	Speed	r/min	880	850	890	
Outdoor coil	Number of rows	—	2	3	2	
	Tube pitch(a)×row pitch(b)	mm	21*21.65	21x21.65	21×21.65	
	Fin spacing	mm	1,5	1.5	1,5	
	Fin type	—	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	
	Tube outside dia.and type	mm	Φ7.94, innergroove tube	Φ7.94,innergroove tube	Φ7.94, innergroove tube	
	Coil length × height × width	mm	894x1134x43	1212×840×65	975×714×43.3	
Number of circuits	—	6	10	5		
Outdoor unit	Dimension	W×H×I	mm	900×1170×320	1100×875×450	900×750×340
	Packing	W×H×I	mm	970×1300×430	1165×1005×540	1040×830×460
	Stacking	Layers	—	2/0	3/0	3/0
	Weight	Net/Gross	kg	83/92	109/120	58/61
	Air Volume	Hi	m ³ /h	5500	6500	3800
	Sound Level (SPL)	Hi	dB(A)	58	62	58
	Sound Level (PWL)	Hi	dB(A)	70	75/77	69
	Sound Level (PWL)	Level	—	—	—	D
	Refrigerant	Type	—	R32	R32	R32
		Amount	kg	3,00	3,40	1,80
		TCO2Eq	—	2,025	2,295	1,215
		GWP	—	675	675	675
	Throttle type	—	EEV	EEV	EEV	
	Qty'per 20' /40' /40'HQ	—	31/63/126	40/88/88	54/110/165	
Design pressure	H/L	MPa	4.3/1.6	4.3/1.6	4.3/1.6	
Refrigerant piping	Liquid/ Gas	mm(inch)	Φ9.52/Φ15.88(3/8'/5/8')	Φ9.52/Φ15.88(3/8'/5/8')	Φ9.52/Φ15.88(3/8'/5/8')	
	Pipe length	Max. equivalent T1 Climate	m	75	85	65
		Max. equivalent Full Range	m	60	75	50
	Height difference	Max. (OD lower)	m	30	30	30
		Max. (OD higher)	m	30	30	30
	ADD Refrigerant AMOUNT	g/m	35	35	35	
PIPE LENGTH FOR ADDITIONAL Refrigerant	m	7.5	7.5	5		
Operating Range (Outdoor)	Cooling	C	-15~52	-15~52	-15~48	
	Heating	C	-20~24	-20~24	-15~24	
Indoor & Outdoor Unit	Qty'per 20' /40' /40'HQ	—	24/48/62	23/49/54	30/60/72	