



IDU				KCM12U8	KCM18U8	
ODU				KW12U7	KW18U7	
<b>Indoor model</b>				<b>KCM12U8</b>	<b>KCM18U8</b>	
Panel				KCM-Panel	KCM-Panel	
Electric parameter	Power supply	From outdoor to Indoor	V-ph-Hz	220-240/1/50&60	220-240/1/50&60	
	Power supply	Outdoor	V-ph-Hz	220-240/1/50&60	220-240/1/50&60	
	Input consumption	Max.	W	1600	2200	
	Input current	Max.	A	8,0	13,5	
Cooling	Capacity	Nominal	Btu/h	11942	17060	
		Nominal	W	3500	5000	
		Min - Max	W	1300~4200	1500~6000	
	Input	Nominal	W	886	1470	
	Current	Nominal	A	3,9	6,4	
EER	Nominal	W/W	3,95	3,38		
Heating	Capacity	Nominal	Btu/h	13648	18766	
		Nominal	W	4000	5500	
		Min - Max	W	1300~5000	1500~6500	
	Input	Nominal	W	1000	1480	
	Current	Nominal	A	4,4	6,4	
COP	Nominal	W/W	4,00	3,72		
Indoor fan motor	Model		—	ZW465B500021	ZW465B500021	
	Qty		—	1	1	
	Output		W	57	57	
	Capacitor			—	—	
	Speed(Hi/Med/Lo)		r/min	700/600/500	810/670/620	
Indoor coil	Number of rows		—	3	3	
	Tube pitch(a) × row pitch(b)		mm	13.89 × 9.4	13.89 × 9.4	
	Fin spacing		mm	1,3	1,3	
	Fin type		—	Hydrophilic aluminium	Hydrophilic aluminium	
	Tube outside dia.and type		mm	Φ5,innergroove tube	Φ5,innergroove tube	
	Coil length × height × width		mm	1213 × 166.68 × 28.2	1213 × 166.68 × 28.2	
	Number of circuits		—	6	6	
Indoor unit	Dimension	W × H × I	mm	570 × 215 × 570	570 × 215 × 570	
	Packing	W × H × I	mm	730 × 292 × 668	730 × 292 × 668	
	Stacking	Flat/Sideways	Layers	7/0	7/0	
	Weight	Net/Gross	kg	15.5/18.5	15.5/18.5	
	Air Volume	Hi/Med/Lo		m <sup>3</sup> /h	600/500/400	700/600/510
		Hi/Med/Lo		CFM	353/294/235	416/357/303
	Sound Level (SPL)	Hi/Med/Lo		dB(A)	38/34/30	42/38/34
	Sound Level (PWL)	Hi		dB(A)	54	57
	Sound Level (PWL)	Level		—	B	C
	External Static Pressure	Rated		Pa	—	—
		Before Shipment		Pa	—	—
		Range		Pa	—	—
	Controller	Type		—	Wireless	Wireless
		Model		—	L1-12(E)	L1-12(E)
	Moisture Removal		L/H.r		1,2	2,0
	Drainage water pipe diameter		mm		ODΦ32	ODΦ32
	Drain pump			—	Standard	Standard
	Air filter			—	Standard	Standard
	Qty'per 20' /40' /40'HQ			—	140/298/330	140/298/330
	Design pressure	H/L		MPa	4.3/1.6	4.3/1.6
Panel	Dimension	W × H × I	mm	620 × 40 × 620	620 × 40 × 620	
	Packing	W × H × I	mm	690 × 115 × 680	690 × 115 × 680	
	Stacking	Flat/Sideways	Layers	—	—	
	Weight	Net/Gross	kg	2.6/4.5	2.6/4.5	
Room temperature	setting temperature range	Cooling	C	16~30	16~30	
		Heating	C	16~30	16~30	



Outdoor model			KW12U7	KW18U7	
Outdoor model	Type	—	ROTARY	ROTARY	
	Brand	—	GMCC	GMCC	
	Capacity	Btu/h	10338	15746	
	Input	W	770	1180	
	Rated current(RLA)	A	5,30	7,25	
	Refrigerant oil	model	—	POE VG74	POE VG74
Amount		ml	300	420	
Outdoor fan motor	Model	—	ZWA138L03B	ZKFN-40-8-33	
	Qty	—	1	1	
	Output	W	30	40	
	Capacitor	μF	/	/	
	Speed	r/min	880	880	
Outdoor coil	Number of rows	—	2	2	
	Tube pitch(a)×row pitch(b)	mm	21×21.65	21×21.65	
	Fin spacing	mm	1,4	1,4	
	Fin type	—	Hydrophilic aluminium	Hydrophilic aluminium	
	Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	
	Coil length × height × width	mm	840×546×43.3	840×546×43.3	
	Number of circuits	—	6	6	
Outdoor unit	Dimension	W×H×I	mm	810×580×280	810×580×280
	Packing	W×H×I	mm	940×640×420	940×640×420
	Stacking	Flat/Sideways	Layers	4/0	4/0
	Weight	Net/Gross	kg	34/38.5	36/40
	Air Volume	Hi	m <sup>3</sup> /h	2300	2300
	Sound Level (SPL)	Hi	dB(A)	51	52
	Sound Level (PWL)	Hi	dB(A)	62	63
	Sound Level (PWL)	Level	—	C	C
	Refrigerant	Type	—	R32	R32
		Amount	kg	0,87	1,08
		TCO2Eq	—	0,587	0,729
		GWP	—	675	675
	Throttle type	—	EEV	EEV	
	Qty'per 20' /40' /40'HQ	—	102/204/272	102/204/272	
	Design pressure	H/L	MPa	4.3/1.6	4.3/1.6
Refrigerant piping	Liquid/ Gas	mm(inch)	Φ6.35/Φ9.52(1/4'/3/8')	Φ6.35/Φ12.7(1/4'/1/2')	
	Pipe length	Max. equivalent T1 Climate	m	35	50
	Pipe length	Max. equivalent Full Range	m	30	40
	Height difference	Max. (OD lower)	m	15	30
		Max. (OD higher)	m	15	30
	ADD Refrigerant AMOUNT	g/m	15	15	
PIPE LENGTH FOR ADDITIONAL Refrigerant	m	5	5		
Operating Range (Outdoor)	Cooling	C	-15~52	-15~48	
	Heating	C	-20~24	-15~24	
Indoor & Outdoor Unit	Qty'per 20' /40' /40'HQ	—	62/132/140	62/132/140	