



IDU				KDM12U8	KDM18U8	KDM24U8	
ODU				KW12U8	KW18U7	KW24U7	
Indoor model				KDM12U8	KDM18U8	KDM24U8	
Electric parameter	Power supply	Indoor	V-ph-Hz	220-240/1/50&60	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	220-240/1/50&60	
	Input consumption	Max.	W	1600	2200	3600	
	Input current	Max.	A	8,0	13,5	16,0	
Cooling	Capacity	Nominal	Btu/h	11942	17060	23884	
		Nominal	W	3500	5000	7000	
		Min - Max	W	1300-4200	1500-6000	2000-8500	
	Input	Nominal	W	870	1430	2260	
	Current	Nominal	A	3,9	6,2	9,8	
	EER	Nominal	W/W	4,00	3,48	3,08	
Heating	Capacity	Nominal	Btu/h	13648	18766	27296	
		Nominal	W	4000	5500	8000	
		Min - Max	W	1300-5000	1500-6500	2000-9500	
	Input	Nominal	W	1000	1450	2400	
	Current	Nominal	A	4,4	6,3	10,4	
	COP	Nominal	W/W	4,00	3,79	3,33	
Indoor fan motor	Model	—		SIC-68CVL-F140-1	SIC-68CVL-F160-2	SIC-68CVL-F160-2	
	Qty	—		1	1	1	
	Output	—		W	40	60	
	Capacitor	—		uF	—	—	
	Speed(Hi/Med/Lo)	—		r/min	1180/1030/980	1180/1130/1050	1180/1080/980
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		1,6	1,6	1,6	
	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		732 × 210 × 40.8	1002 × 210 × 40.8	1002 × 210 × 40.8	
Indoor unit	Number of circuits	—		3	3	3	
	Dimension	W × H × I	mm	910 × 190 × 447	1180 × 190 × 447	1180 × 190 × 447	
	Packing	W × H × I	mm	1080 × 285 × 565	1350 × 285 × 565	1350 × 285 × 565	
	Stacking	Flat/Sideways	Layers	8/0	8/0	8/0	
	Weight	Net/Gross	kg	18.0/21.5	24.5/29.5	24.5/29.5	
	Air Volume	Hi/Med/Lo	m ³ /h	600/484/400	900/840/780	1000/900/800	
		Hi/Med/Lo	CFM	338/285/235	529/494/459	588/529/471	
	Sound Level (SPL)	Hi/Med/Lo	dB(A)	36/33/30	41/37/33	42/38/34	
	Sound Level (PWL)	Hi	dB(A)	53	57	58	
	Sound Level (PWL)	Level	—	B	C	C	
	External Static Pressure	Rated	Pa	25+10	25+10	25+10	
		Before Shipment	Pa	35	35	35	
		Range	Pa	0~50	0~50	0~50	
	Controller	Type	—		Wired	Wired	Wired
		Model	—		YXE-E02U(E)	YXE-E02U(E)	YXE-E02U(E)
	Moisture Removal	L/H.r		1,2	2,0	3,0	
	Drainage water pipe diameter	mm		ODΦ32	ODΦ32	ODΦ32	
	Drain pump	—		Standard	Standard	Standard	
	Air filter	—		Standard	Standard	Standard	
	Throttle type	—		—	—	—	
Booster heater	—		kW	—	—		
Qty' per 20' /40' /40'HQ	—		—	160/352/396	128/264/297	128/264/297	
Room temperature	Design pressure	H/L	MPa	4.3/1.6	4.3/1.6	4.3/1.6	
		Cooling	C	16~30	16~30	16~30	
	setting temperature range	Heating	C	16~30	16~30	16~30	



Outdoor model			KW12U8	KW18U7	KW24U7	
	Type		ROTARY	ROTARY	ROTARY	
	Brand		GMCC	GMCC	GMCC	
	Capacity	Btu/h	10338	15746	24396	
	Input	W	770	1180	1920	
	Rated current(RLA)	A	5,30	7,25	8,70	
	Refrigerant oil	model		POE VG74	POE VG74	POE VG74
Amount		ml	300	420	620	
Outdoor fan motor	Model		ZWA138L03B	ZKFN-40-8-33	ZW511A800002	
	Qty		1	1	1	
	Output	W	30	40	60	
	Capacitor	μF	/	/	/	
	Speed	r/min	880	880	880	
Outdoor coil	Number of rows		2	2	2	
	Tube pitch(a) × row pitch(b)	mm	21 × 21.65	21 × 21.65	21 × 21.65	
	Fin spacing	mm	1,4	1,4	1,4	
	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	840 × 546 × 43.3	840 × 546 × 43.3	900 × 630 × 43.3	
	Number of circuits		6	6	7	
Outdoor unit	Dimension	W × H × I	mm	810 × 580 × 280	810 × 580 × 280	860 × 670 × 310
	Packing	W × H × I	mm	940 × 640 × 420	940 × 640 × 420	990 × 730 × 450
	Stacking	Flat/Sideways	Layers	4/0	4/0	4/0
	Weight	Net/Gross	kg	34/38.5	36/40	44.5/48.5
	Air Volume	Hi	m ³ /h	2300	2300	3150
	Sound Level (SPL)	Hi	dB(A)	51	52	57
	Sound Level (PWL)	Hi	dB(A)	62	63	68
	Sound Level (PWL)	Level		C	C	D
		Type		R32	R32	R32
	Refrigerant	Amount	kg	0,87	1,05	1,50
		TCO ₂ Eq		0,587	0,709	1,013
		GWP		675	675	675
	Throttle type			EEV	EEV	EEV
	Qty'per 20' /40' /40'HQ			102/204/272	102/204/272	90/186/186
Design pressure	H/L	MPa	4.3/1.6	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')	Φ9.52/Φ15.88(3/8'/5/8')
	Pipe length	Max. equivalent T1 Climate	m	35	50	60
	Pipe length	Max. equivalent Full Range	m	30	40	45
	Height difference	Max. (OD lower)	m	15	30	30
		Max. (OD higher)	m	15	30	30
	ADD Refrigerant AMOUNT		g/m	15	15	35
	PIPE LENGTH FOR ADDITIONAL Refrigerant		m	5	5	5
Operating Range (Outdoor)	Cooling		C	-15~48	-15~48	
	Heating		C	-20~24	-15~24	
Indoor & Outdoor Unit	Qty'per 20' /40' /40'HQ			62/135/158	62/135/158	51/107/125