

**GE**  
GREENENERGY  
**R410**  
Commercial

R410A HIGH  
EFFICIENCY  
PACKAGE SERIES

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## Green Energy Commercial Package units Specifications



Model		5 TR 1ph	5 TR 3ph	
Power supply		V/h/Hz	208~230/1/60	208~230/3/60
Cooling	Capacity	Btu/h	60000	60000
	SEER	Btu/h.W	10	10
Electrical data	Max. input consumption	KW	8.8	7.8
	Max. power input	A	48.4	25.5
Compressor	Model		ABA054KAE	ZP57K3E-TF5-522
	Type		Scroll	Scroll
	Brand		LG	Copeland
	Rated current(RLA)	A	23	16.3
	Locked rotor Amp(LRA)	A	120	155
	Thermal protector		239°F ~257°F	275°F (135°C)
	Refrigerant oil	ml	1300	1591
Indoor fan	Type		AC motor	AC motor
	Brand		Welling/DaYang	Welling/DaYang
	Output	HP	4/5	4/5
	Rated current	A	2.33	2.33
	Capacitor	uF	20	20
	RPM	r/min	990	990
Indoor fan	Material		Metal	Metal
	Type		Centrifugal fan	Centrifugal fan
	Diameter	Inch(mm)	11.1(282)	11.1(282)
	Height	Inch(mm)	10.7(272)	10.7(272)
Indoor coil	Number of rows		4	4
	Tube pitch(a)x row pitch(b)	Inch(mm)	0.8x0.5(21x13.37)	0.8x0.5(21x13.37)
	Fin spacing	Inch(mm)	5.9(1.5)	5.9(1.5)
	Fin type		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside diameter and type	Inch(mm)	Φ1/16(Φ7)	Φ1/16(Φ7)
		Type	Inner grooved tube	Inner grooved tube
Coil length x height	Inch(mm)	16.6x28(421x714)	16.6x28(421x714)	
Number of circuits		8	8	
ESP			50	50
Indoor fan air flow		CFM	1450	1450
Outdoor fan motor	Model		YDK180-6B	YDK180-6B
	Type		AC motor	AC motor
	Brand		Welling	Welling
	Output	HP	1/3	1/3
	Rated current	A	2	2
	Capacitor	uF	12	12
RPM	r/min	1075	1075	
Outdoor fan	material		Alnico	Alnico
	Type		Axial flow fan	Axial flow fan
	Diameter	Inch(mm)	22.7(550)	22.7(550)
	Height	Inch(mm)	4(102.5)	4(102.5)
Outdoor coil	Number of rows		2	2
	Tube pitch(a)x row pitch(b)	Inch(mm)	0.8x0.5(21x13.37)	0.8x0.5(21x13.37)
	Fin spacing	Inch(mm)	5.9(1.5)	5.9(1.5)
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside diameter and type	Inch(mm)	Φ1/16(Φ7)	Φ1/16(Φ7)
		Type	Inner grooved tube	Inner grooved tube
Coil length x height	Inch(mm)	1480x756	1480x756	
Number of circuits		1	1	
Dimension	Net (WxHxD)	mm	1116x830x744	1116x830x744
	Packing(WxHxD)	mm	1152x855x765	1152x855x765
Weight	Net/Gross weight	Kg	151/154	151/154
Charged refrigerant			R410A/2750g	R410A/2550g
Optional Controller			KJR-23B	KJR-23B
Operation temp.		°C	17~30	17~30
		°F	62.6~86	62.6~86
Ambient temp.	Cooling	°C	18~46	18~46
		°F	64.4~114.8	64.4~114.8
Filter	Type		Nylon	Nylon
	Quantity	Pieces	1	1
	Size (WxHxD)	mm	197x670x10	197x670x10
Shipping	Qty/Per 20/40/40'HQ	Pieces	30/62/91	30/62/91

## Green Energy Commercial Package units Specifications



Nominal ton		(Ton)	7.5	10	15	20	25
Model			MRCT-075CWN1-D(C)	MRCT-100CWN1-D(C)	MRCT-150CWN1-D(C)	MRCT-200CWN1-D(C)	MRCT-250CWN1-D(C)
Factory Model			SA-WKC260B/DN1X-C	SA-WKC350B/DN1X-C	SA-WKC530B/DN1X-C	SA-WKC700B/DN1X-C	SA-WKC870B/DN1X-C
Power Supply		V,PH,Hz	220V 3N 60Hz	220V 3N 60Hz	220V 3N 60Hz	220V 3N 60Hz	220V 3N 60Hz
Cooling	Cooling Capacity (1)	Btu/h	89000	120000	180000	240000	300000
		kW	26.0	35.0	53.0	70.0	87.0
	Power Input (1)	kW	7.8	10.7	16.2	21.9	27.8
		Btu/h	69100	98000	142000	199300	251100
	Cooling Capacity (2)	kW	20.3	28.7	41.6	58.4	73.6
kW		8.7	12.7	18.7	25.5	32.7	
Max. input consumption		kW	12.8	17.9	27.3	37.7	46.1
Max. current		A	42.4	57.4	88.3	124.6	150
Performance	Indoor fan air flow	CFM	2950	4200	7100	8800	10500
	ESP	Pa	80	90	110	120	130
	EER 1	Btu/h/W	11.4	11.2	11.1	11.0	10.8
	EER 2	Btu/h/W	8.0	7.7	7.6	7.8	7.7
Indoor Coil	Number of rows		3	4	4	4	4
	Fin spacing	mm	1.3	1.5	1.3	1.3	1.6
		FPI	19	17	19	19	16
	Tube diameter	mm	7	7	7	7	8
inch		9/32	9/32	9/32	9/32	5/16	
Indoor fan	Type		FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
	Quantity		1	1	1	1	1
	Drive type		Direct	Belt	Belt	Belt	Belt
	Motors quantity		1	1	1	1	1
	Motor model		AC Motor	AC Motor	AC Motor	AC Motor	AC Motor
Compressor	Type		Scroll	Scroll	Scroll	Scroll	Scroll
	Quantity		1	1	2	2	2
	Model		ZP91KCE-TF5-522	ZP122KCE-TF5-522	ZP57K3E-TF5-522 +ZP122KCE-TF5-522	ZP122KCE-TF5-522*2	ZP137KCE-TF5-522
	BR(C)nd		Copeland	Copeland	Copeland	Copeland	Copeland
	Capacity	Btu/h	90500	124000	58000+124000	124000*2	137000*2
	Refrigerant oil charge	ml	1774	2513	1656+2513	2513*2	3253*2
Outdoor Coil	Number of rows		3	2.5	3.5	3	3+2
	Fin spacing	mm	1.5	1.5	1.6	1.5	1.5
		FPI	17	17	16	17	17
	Tube diameter	mm	7	7	8	7	7
inch		9/32	9/32	5/16	9/32	9/32	
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller
	Quantity		1	1	1	2	2
	Drive type		Direct	Direct	Direct	Direct	Direct
	Motors quantity		1	1	1	2	2
	Motor model		AC Motor	AC Motor	AC Motor	AC Motor	AC Motor
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Refrigerant volume	Kg	3.8	4.3	4.7+2.2	5.4+5.4	6.3+6.3
	Refrigerant Control		Piston	Piston	Piston	Piston	Capillary
Net Weight		kg	231	335	470	670	895
Gross Weight		kg	236	346	490	700	925
Net Dimensions	WxHxD	mm	1475x840x1130	1483x1138x1231	1965x1230x1130	2192x1247x1670	2220x1245x2320
Packing	WxHxD	mm	1497x867x1152	1492x1248x1146	1990x1260x1140	2212x1284x1695	2230x1275x2330

## Green Energy Commercial Package units



Nominal ton		(Ton)	20	25
Model			MRCT-200CWN1-Z(C)	MRCT-250CWN1-Z(C)
Power Supply		V,PH,Hz	460V 3N 60Hz	460V 3N 60Hz
Cooling	Cooling Capacity (1)	Btu/h	240000	300000
		kW	70.0	87.0
	Power Input (1)	kW	22.1	28
Max. input consumption		kW	32.5	40.9
Max. current		A	53.2	65.6
Performance	Indoor fan air flow	CFM	8300	11500
	ESP	Pa	120	130
	EER 1	Btu/h/W	10.9	10.7
Indoor Coil	Number of rows		4	4
	Fin spacing	mm	1.3	1.6
		FPI	19	16
	Tube diameter	mm	7	8
inch		9/32	5/16	
Indoor fan	Type		FC Centrifugal	FC Centrifugal
	Quantity		1	1
	Drive type		Belt	Belt
	Motors quantity		1	1
	Motor model		AC Motor	AC Motor
Compressor	Type		Scroll	Scroll
	Quantity		2	2
	Model		SH120A4ALC*2	SH140A4ALC*2
	BR(C)nd		Danfoss	Danfoss
	Capacity	Btu/h	125400*2	144300*2
	Refrigerant oil charge	ml	3300*2	3300*2
Outdoor Coil	Number of rows		3	3+2
	Fin spacing	mm	1.5	1.5
		FPI	17	17
	Tube diameter	mm	7	7
inch		9/32	9/32	
Outdoor Fan	Type		Propeller	Propeller
	Quantity		2	2
	Drive type		Direct	Direct
	Motors quantity		2	2
	Motor model		AC Motor	AC Motor
Refrigerant	Type		R410A	R410A
	Refrigerant volume	Kg	5.4+5.4	6.1+6.1
	Refrigerant Control		Piston	Capillary
Net Dimension	WxHxD	mm	2192x1247x1670	2220x1245x2320
Packing	WxHxD	mm	2212x1284x1695	2230x1275x2330
Shipping	Qty/Per 20'/40'/40'HQ		3/7/14	2/5/10