



# Condensing Unit **60 HZ** / **A Series**

Standard Efficiency



**R-410A**  
REFRIGERANT

*R-410A environmentally friendly refrigerant*

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*Painted galvanized steel cabinet*

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*Louvered steel coil guard*

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*24VAC low voltage control*

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*Wide operation temperature range*

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*Golden Anticorrosion protection*

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Condensing Unit Model		CA410A--024-V3G1C	CA410A--036-V3G1C	CA410A--048-V3G1C	CA410A--060-V3G1C	CA410A--036-V5G1C	CA410A--048-V5G1C	CA410A--060-V5G1C	CA410A--048-V2G1C	CA410A--060-V2G1C	
Capacity	Tons	2.0	3.0	4.0	5.0	3.0	4.0	5.0	4.0	5.0	
Power supply	V / Hz / Ph	208-230V / 1Ph / 60Hz				208-230V / 3PH / 60Hz			380V / 3PH / 60Hz		
Voltage operating range	Min. / Max volts	190 / 253				190 / 253			342 / 418		
Max. input consumption	W	2620	3600	6125	5800	4390	5785	7440	5720	6625	
Max. current	A	13.2	23	30.93	34.85	12.25	16.42	24.97	12.03	12.71	
MCA	A	16.5	28.5	38.7	43.6	16.5	24.0	32.0	15.0	15.9	
MOP	A	30	50	60	70	30	40	50	30	30	
Compressor	Model	PA240M2A-3MTU2	GVS295KAA	ABT042KTA	ABT057KMA	ATH356UG3C9EU	ZP44KUE-TF5-52E	ZP54KUE-TF5-52E	ZP44KUE-TF7-52E	ZP54KUE-TF7-52E	
	Type / Qty.	Rotary / 1	Rotary / 1	Scroll / 1	Scroll / 1	Rotary / 1	Scroll / 1	Scroll / 1	Scroll / 1	Scroll / 1	
	Manufacturer	GMCC	LG	LG	LG	HIGHLY	Copeland	Copeland	Copeland	Copeland	
	Rated current (RLA)	A	11.75	13.6	17.5	30	10.8	17.8	15.1	9.4	10
	LRA	A	60	66.5	120	160	/	130.6	118.9	78	78
	Thermal protection		Internal								
	Refrigerant oil charge	ml	440	540	1360	1360	840	1242	1242	1242	1242
Outdoor fan motor	Model	YDK-160-6P2	YDK-160-6P2	YDK-230-6P2	YDK-230-6P2	YDK-160-6P2	YDK-230-6P2	YDK-230-6P2	YDK-230-6P2	YDK-230-6P2	
	Input	W	244	244	331	331	216	331	331	331	
	Capacitor	uF	6µF/450V	6µF/450V	12µF/450V	12µF/450V	6µF/450V	12µF/450V	12µF/450V	12µF/450V	
	Speed	RPM	1100	1100	1095	1095	1100	1095	1095	1110	1095
Outdoor coil	Number of rows / circuits	1 / 2	1 / 2	1 / 5	1 / 5	1 / 2	1 / 5	1 / 5	1 / 5	1 / 5	
	Fin spacing / Fin type	mm	1.4 mm / Non-Hydrophilic Aluminium Fin								
	Coil length x height x width	mm	1428x588x13.37	1428x588x13.37	2150x798x13.37	2150x798x13.37	1397x588x26.74	2150x798x13.37	2148x798x13.37	2148x798x13.37	2148x798x13.37
	Tube diameter / type		7 mm / inner groove copper tube								
Outdoor unit sound level	dB(A)	65	65	63	65	60	65	65	65	60	
Dimensions	Unit (WxDxH)	mm	554x554x633	554x554x633	740x740x835	740x740x835	554x554x675	740x740x835	740x740x835	740x740x835	
	Packing (WxDxH)	mm	575x575x660	575x575x660	760x760x875	760x760x875	575x575x690	760x760x875	760x760x875	760x760x875	
Weight	Net / Gross	kg	46/49	46.5/49.5	92/96	74.5/79	58.3/61.1	71.5/76.5	71.5/76.5	71.5/76.5	
Refrigerant	type / charge	g	R410A / 1200	R410A / 1650	R410A / 2000	R410A / 2400	R410A / 2450	R410A / 2700	R410A / 2550	R410A / 2600	
Expansion device		Indoor Piston									
Design pressure (high side/low side)	MPa	3.6/0.98	4.0/1.2	4.0/1.2	4.0/1.2	4.0/1.2	4.0/1.2	4.0/1.2	4.0/1.2	4.0/1.2	
Refrigerant piping	Liquid / Vapor	mm	Φ9.52/Φ15.88	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05	
	Max. refrigerant pipe length	m	20	20	20	20	20	20	20	20	
	Max. vertical separation between outdoor indoor unit	m	10	10	10	10	10	10	10	10	
Ambient temp. range	°C	16~43	16~43	16~43	21~43	18~43	18~43	21~43	18~43	18~43	