



Floor Ceiling **60 HZ / A Series**



Floor Ceiling Model			CF410A-P024-M3G1C	CF410A-P036-M3G1C	CF410A-P048-M3G1C	CF410A-P060-M3G1C
Capacity	Tons		2.0	3.0	4.0	5.0
Power supply	V / Ph / Hz		220V / 1Ph / 60Hz			
Voltage operating range	Min / max volts		198 - 242			
Rated capacity (*See note below)	W		7144	8015	9556	11162
	BTUH		24375	27347	32605	38085
Rated Input	W		2439	3189	3500	4595
Rated current	A		11.12	17.5	30.48	34.85
EER	W/W		2.93	2.51	2.73	2.43
	BTUH /W		10.00	8.56	9.31	8.29
MCA	A		2.30	1.30	2.30	2.30
MOP	A		3.00	3.00	3.00	3.00
Indoor coil	Number of rows / circuits		3 / 4	3 / 4	3 / 5	3 / 5
	Fin spacing / fin type		1.4 mm / Hydrophilic			
	Tube outside diameter / type		Φ7 mm / inner grooved copper tube			
	Coil length x height x width	mm	680×252×40.11	948×252×40.11	1318×252×40.11	1318×252×40.11
Air flow(High speed)	m ³ /h		1200	1800	2100	2100
	CFM		706	1060	1236	1236
Indoor sound level	dB(A)		48-52	51-57	55	55
Dimensions	Dimension (W*H*D)	(mm)	1050×235×675	1250×235×675	1670×235×675	1670×235×675
	Packing (W*H*D)	(mm)	1130×325×765	1380×325×765	1750×325×770	1750×325×770
Weight	Net / Gross	(Kg)	26.5/31	32/37	40/46	40/46
Indoor fan motor	Model		YSK110-59LD-4P17	YSK110-180LD-4P2	YSK110-59LD-4P17	YSK110-59LD-4P17
	Input	W	135	360	160*2	160*2
	Output	W	70	180	85*2	85*2
	Capacitor	uF	3	5	3*2	3*2
	Speed(hi/mi/lo)	RPM	1310/1139/1060	1330/1230/1130	1310/1139/1060	1310/1139/1060
Refrigerant piping	Liquid / Vapor	mm	Φ9.52/Φ15.88	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05
Operation temp	°C		16-32			
Standard Control			Remote controller			
Drain connection	mm		Φ25			

* Note: Capacities are based when combined with CIAC model family CA410A outdoor units. Your actual capacity will vary depending on the outdoor combination.



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



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	331
	Capacitor	uF	6µF/450V	6µF/450V	12µF/450V	12µF/450V	6µF/450V	12µF/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	740x740x835
	Packing (WxDxH)	mm	575x575x660	575x575x660	760x760x875	760x760x875	575x575x690	760x760x875	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	71.5/76.5
Refrigerant	type / charge	g	R410A / 1200	R410A / 1650	R410A / 2000	R410A / 2400	R410A / 2450	R410A / 2700	R410A / 2550	R410A / 2600	R410A/2550
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	Φ9.52/Φ19.05
	Max. refrigerant pipe length	m	20	20	20	20	20	20	20	20	20
	Max. vertical seeparation between outdoor indoor unit	m	10	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