




# COLEMAN

AIR CONDITIONING SPECIALISTS



Indoor Model			CMN1PH410I36KRFC	CMN1PH410I48KRFC	CMN1PH410I60KRFC	CMN1PH410I60KRFC
Power supply		V-ph-Hz	220-1-60	220-1-60	220-1-60	220-3-60
Cooling	Capacity	Btu/h	36000	48000	60000	60000
	Input	W	3940	5580	6300	6250
	EER	W/W	2.68	2.52	2.56	2.58
Heating	Capacity	Btu/h	/	/	/	/
	Input	W	/	/	/	/
	COP	W/W	/	/	/	/
Indoor fan motor	Model		YSK115-4B	YSK85-4B	YSK85-4B	YSK85-4B
	Qty		1	2	2	2
	Input	W	235/200/172	174/157/144	174/157/144	174/157/144
	Capacitor	uF	5UF/450V	2.5UF/450V	2.5UF/450V	2.5UF/450V
	Speed(Hi/Med/Lo)	r/min	1320/1175/1050	1400/1220/1090	1400/1220/1090	1400/1220/1090
Indoor air flow(Hi/Med/Lo)		m <sup>3</sup> /h	1800/1600/1350	2300/1900/1700	2300/1900/1700	2300/1900/1700
Indoor noise level (sound pressure)(Hi/Med/Lo)		dB(A)	55/51/48	56/52/48	56/52/48	56/52/48
Throttle type			Throttle valve	Throttle valve	Throttle valve	Throttle valve
Indoor unit	Dimension (WxDxH)	mm	1285x675x235	1650x675x235	1650x675x235	1650x675x235
	Packing (WxDxH)	mm	1360x755x313	1725x755x313	1725x755x313	1725x755x313
	Net/Gross weight	kg	32/37.5	37/43	39/45	39/45
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Drainage water pipe diameter		mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Refrigerant piping	Liquid side/Gas side	mm(inch)	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
Controller			Remote-RG51Q1/BGE	Remote-RG51Q1/BGE	Remote-RG51Q1/BGE	Remote-RG51Q1/BGE
Operation temperature		°C	17~30	17~30	17~30	17~30
Room temperature	Cooling	°C	17~32	17~32	17~32	17~32
	Heating	°C	/	/	/	/

Ducted Indoor Units					
Indoor model			MTB-36CWN1-N	MTB-60CWN1-N	MTB-60CWN1-N
Indoor unit factory model			SA-KF105T2/N1X-B	SA-KF160T2/N1X-B	SA-KF160T2/N1X-B
Indoor code			220070502710	220070802590	220070802590
Outdoor model			MOV-36CN1-N	MOV-60CN1-N	MOV-60CN1-D
Outdoor unit factory model			SA-KF105W/N1-441V	SA-KF160W/N1-543V	SA-KF160W/S1N1-543V
Outdoor code			220075502590	220075802580	220075802610
Power supply		V-ph-Hz	220~1-60	220~1-60	220~1-60
Cooling	Capacity	Btu/h	36000	60000	60000
	Input	W	3950	6550	6400
	Current	A	18.08	28.5	17.68
	EER	W/W	2.67	2.46	2.52
Heating	Capacity	Btu/h	/	/	/
	Input	W	/	/	/
	Current	A	/	/	/
	COP	W/W	/	/	/
Indoor fan motor	Model		YSK140-6B	YSK170-6B	YSK170-6B
	Qty		1	1	1
	Input	W	235/195/173	235/195/173	235/195/173
	Capacitor	uF	10uF/450V	10uF/450V	10uF/450V
	Speed(Hi/Med/Lo)	r/min	1060/910/820	1060/910/820	1060/910/820
Indoor air flow (Hi/Med/Lo)		m <sup>3</sup> /h	1757/1478/1303	2085/1602/-	2085/1602/-
ESP	Rated	Pa	37	50	50
	Range	Pa	0-80	0-100	0-100
Indoor noise level (Hi/Med/Lo)		dB(A)	48/44/40	47/44/40	47/44/40
Throttle type			Throttle valve	Throttle valve	Throttle valve
Indoor unit	Dimension (WxDxH)	mm	1140x775x270	1200x865x300	1200x865x300
	Packing(WxDxH)	mm	1355x795x350	1405x920x373	1405x920x373
	Net/Gross weight	kg	36/43	45.4/53.5	45.4/53.5
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5
Drainage water pipe diameter		mm	ODΦ25	ODΦ25	ODΦ25
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
Controller			Wired-KJR-12B/DP(T)-E	Wired-KJR-12B/DP(T)-E	Wired-KJR-12B/DP(T)-E
Operation temperature		°C	17~30	17~30	17~30
Room temperature	Cooling	°C	17~32	17~32	17~32
	Heating	°C	/	/	/
Qty'per 20' /40' /40'HQ		Indoor	75/153/170	60/126/147	60/126/147

Remarks:1.The above design and specifications are subject to change without prior notice for product improvement.

## Cassette Units



		G213-K81	G213-K81
Indoor model		MCD-36CRN1-N	MCD-60CRN1-N
Indoor unit factory model		SA-KF105Q/N1Y-D	SA-KF150Q/N1Y-D
Indoor code		220042701250	220042801350
Outdoor model		MOV-36CN1-N	MOV-60CN1-N
Outdoor unit factory model		SA-KF105W/N1-441V	SA-KF160W/N1-543V
Outdoor code		220075502590	220075802580
Power supply		V-ph-Hz	220-1-60
Cooling	Capacity	Btu/h	36000
	Input	W	3950
	EER	W/W	2.67
Heating	Capacity	Btu/h	/
	Input	W	/
	COP	W/W	/
Indoor fan motor	Model		YDK125-6B
	Qty		1
	Input	w	242/163/144
	Capacitor	uF	4.5UF/450V
Speed(hi/med/lo)		r/min	780/600/550
Indoor air flow (Hi/Med/Lo)		m <sup>3</sup> /h	1800/1600/1400
Sound level (sound pressure)		dB(A)	53/49/43
Throttle type			Throttle valve
Indoor unit	Dimension (W x Dx H)(body)	mm	840x840x245
	Packing (W x Dx H)(body)	mm	900x900x265
	Dimension (W x Dx H)(panel)	mm	950x950x55
	Packing (W x Dx H)(panel)	mm	1035x1035x90
	Net/Gross weight(body)	kg	26/30
	Net/Gross weight(panel)	kg	5/8
Design pressure		MPa	4.2/1.5
Drainage water pipe dia.		mm	ODΦ32
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ19(3/8"/3/4")
Controller-model			Remote-RG51C/E
Operation temperature		°C	17~30
Room temperature	Cooling	°C	17~32
	Heating	°C	/
Qty/per 20' /40' /40'HQ		indoor unit+p	128/268/294
			100/212/238

## Universal Outdoor Unit



		G212-K64	G212-K64	G212-K64	G213-K17	
Sale Model		MOV-36CN1-N	MOV-48CN1-N	MOV-60CN1-N	MOV-60CN1-D	
Factory model		SA-KF105W/N1-441V	SA-KF140W/N1-542V	SA-KF160W/N1-543V	SA-KF160W/S1N1-543V	
Code		220075502590	220075702470	220075802580	220075802610	
Power supply	V-Ph-Hz	220~1-60	220~1-60	220~1-60	220~3-60	
Max. input consumption	W	5062	6937	7625	7700	
Max. current	A	23	31.5	34.6	23.4	
Compressor	Model	NN33NAAMT	C-SBP140H16A	C-SBP160H16A	C-SBP160H36A	
	Type	Rotary	Scroll	Scroll	Scroll	
	Brand	Mitsubishi	Sanyo	Sanyo	Sanyo	
	Capacity	Btu/h	37191	48792	60000	60000
	Input	W	3500	4950	5650	5500
	Rated current(RLA)	A	16.1	22.3	25.8	18.1
	Locked rotor Amp(LRA)	A	83	139	139	153
	Thermal protector position		Internal	Internal	Internal	Internal
	Capacitor	uF	60UF/450V	60uF/450V	60uF/450V	/
Refrigerant oil	ml	1300	1400	1400	1700	
Outdoor fan motor	Model	YDK160-6B	YDK230-6F-1(B)	YDK230-6F-1(B)	YDK230-6F-1(B)	
	Qty		Welling	1	1	
	Input	W	300	310	310	310
	Capacitor	uF	6	12uF/450V	12uF/450V	12uF/450V
	Speed	r/min	1100	1095	1095	1095
Outdoor air flow	m <sup>3</sup> /h	5100	7400	7400	7400	
Outdoor noise level (sound pressure)	dB(A)	65	65	64	64	
Throttle type		/	/	/	/	
Outdoor unit	Dimension(WxDxH)	mm	600x600x759	710x710x759	710x710x843	710x710x843
	Packing (WxDxH)	mm	628x628x794	738x738x794	738x738x872	738x738x872
	Net/Gross weight	kg	64/67.7	79/83.5	80/85	80/85
Refrigerant	Type		R410A	R410A	R410A	R410A
	Charged volume	kg	2	2.1	2.2	2.2
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
	Max. refrigerant pipe length	m	30	50	50	50
	Max. difference in level	m	20	25	25	25
Ambient temperature	Cooling	℃	18~43	18~43	18~43	18~43
	Heating	℃				/
Qty'per 20' /40' /40'HQ (outdoor unit)			54/114/171	42/96/144	42/96/142	42/96/142