

R-22
REFRIGERANT



* 36KBTU model has a different grille

TECHNICAL SPECIFICATION					
Outdoor Unit Model			CA21C-036-V5N1C*	CA21C-048-V5N1C	CA21C-060-V5N1C
Power supply		V-Ph-Hz	220-3-60	220~3-60	220~3-60
Max. input consumption		W	5600	7900	7300
Max. current		A	19	28	23
Compressor	EER	Btu/w	2.58	2.52	2.6
	Type		SCROLL		
	Brand		PANASONIC	PANASONIC	SANYO
	Input	W	3800	4450	5450/5550
	Rated current(RLA)	A	13.2	14.1	17.3/17.5
	Locked rotor Amp(LRA)	A	115	115	134
	Thermal protector position		Internal		
	Capacitor	uF	/	/	/
	Refrigerant oil	ml	1700	SAY56T/1700	SAY56T/1700
Outdoor fan motor	Qty		1	1	1
	Input	W	210	310	310
	Capacitor	uF	6UF/450V	12μF/450V	12μF/450V
	Speed	r/min	1050	1095	1095
Outdoor coil	Number of rows		1	1	1
	Tube pitch(a)x row pitch(b)	mm	21x13.37	21×13.37	21×13.37
	Fin spacing	mm	1.3	1.3	1.3
	Fin type		Unhydrophilic aluminium		
	Tube outside dia.and type	mm	Φ7, inner grooved tube	Φ7,inner grooved tube	Φ7,inner grooved tube
	Coil length x height x width	mm	1404x714x13.37	2030×714×13.37	2030×798×13.37
	Number of circuits		5	5	5
Outdoor air flow		m3/h	5100	7400	7400
Outdoor noise level (sound pressure)		dB(A)	65	66	66
Dimension(WxDxH)		mm	554x554x759	710x710x759	710x710x843
Packing (WxDxH)		mm	582x582x794	738x738x794	738x738x872
Net/Gross weight		kg	63/66	77/81	76.5/81.5
Refrigerant	Type		R22	R22	R22
	Charged volume	kg	1.5	2.6	2.45
Design pressure		MPa	2.6/1.0	2.6/1.0	2.6/1.0
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22(3/8"/7/8")	Φ9.52/Φ22(3/8"/7/8")
	Max. refrigerant pipe length	m	30	30	30
	Max. difference in level	m	20	20	20
Ambient temperature		°C	18~43	18~43	18~43
Qty'per 20' /40' /40'HQ (outdoor unit)			80/160/240	42/96/144	42/96/142

DUCTED AC SYSTEM

Standard Efficiency
C Series / 3 Phase
60 Hz



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TECHNICAL SPECIFICATION					
Indoor Unit Model			CB21C-036-M5N1C	CB21C-048-M5N1C	CB21C-060-M3N1C
Cooling	Capacity	Btu/h	36000	48000	60000
	Input	W	4058	5411	6763
Indoor fan motor	Qty		1	1	1
	Input	W	420/280	515/450	660/512
	Input	HP	0.563/0.375	0.69/0.603	0.884/0.686
	Capacitor	uF/ V	15uF/370-450V	12uF/450V	12UF/450V
	Speed (Hi/Lo)	r/min	1100/980	830/765	985/-/760
Indoor coil	Number of rows		3	3	4
	Tube pitch(a)×row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1.3	1.3	1.3
	Fin type		Hydrophilic aluminium		
	Tube outside dia.and type	mm	Φ7,inner grooved tube		
	Coil length×height×width	mm	(415x336x40.11)x2	(444x378x40.11)x2	(444x378x53.48)x2
	Number of circuits		6	6	8
Indoor air flow		m3/h	1539	2182	2500
Indoor air flow		CFM	906	1284	1471
ESP	Rated	Pa	37	50	50
	Range	Pa	0-140	0-180	0-180
Indoor noise level (Hi)		dB(A)	52	52	60
Throttle type			Throttle valve		
Piston size		mm	2.083	1.778	2.337
Indoor unit	Dimension (W×H×D)	mm	460x520x774	500x550x970	500x550x970
	Packing (W×H×D)	mm	520x565x835	560x595x1030	560x595x1030
	Net/Gross weight	kg	39/42	44.5/49	50.5/55
Design pressure		MPa	2.6/1.0	2.6/1.0	2.6/1.0
Draining pipe dimension		mm	RC3/4"	RC3/4"	RC3/4"
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22(3/8"/7/8")
Qty'per 20' /40' /40'HQ			88/184/275	80/164/164	87/181/184



Carrier InterAmerica Corporation
Miami, Florida USA
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Authorized Dealer:

CA21C-CB21C-SI-1