

R-410A
REFRIGERANT



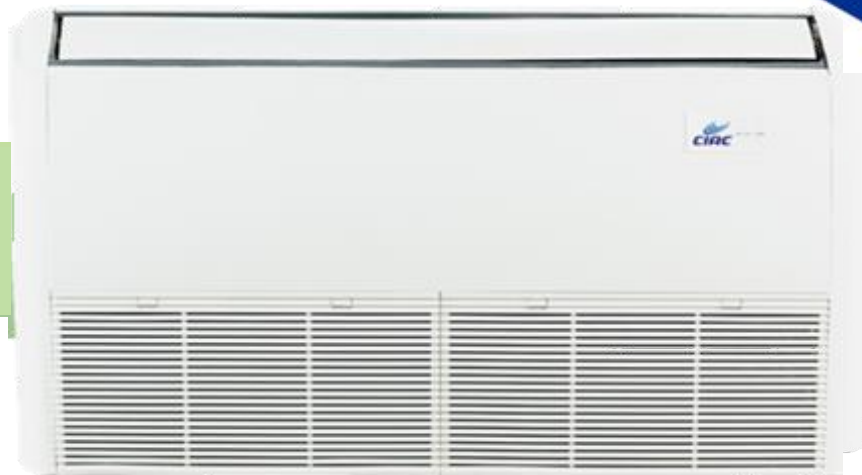
*36KBTU model have a different grille

TECHNICAL SPECIFICATION			CA41A-036-V3N1C*	CA41A-048-V3N1C	CA41A-060-V3N1C	CA41A-060-V5N1C
Outdoor Model Number		V-Ph-Hz	220~1-60	220~1-60	220~1-60	220~3-60
Power supply		W	5062	6937	7625	7700
Max. input consumption		A	23	31.5	34.6	23.4
Max. current		W/W	2.66	2.53	2.54	2.54
Compressor	EER	W/W	2.66	2.53	2.54	2.54
	Type		Rotary	Scroll	Scroll	Scroll
	Brand		Hitachi	Panasonic	Panasonic	Panasonic
	Capacity	Btu/h	35314	48792	53910	54933
	Input	W	3680	4950	5650	5500
	Rated current(RLA)	A	18	22.3	25.8	18.1
	Locked rotor Amp(LRA)	A	85	139	139	153
	Thermal protector position		/	Internal	Internal	Internal
	Capacitor	uF	/	60uF/450V	60uF/450V	/
	Refrigerant oil	ml	880	1400	1400	1700
Outdoor fan motor	Qty		1	1	1	1
	Input	W	300	310	310	300
	Capacitor	uF	6	12uF/450V	12uF/450V	—
	Speed	r/min	1100	1095	1095	1095
Outdoor coil	Number of rows		1	1	1	1
	Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1.3	1.3	1.3	1.3
	Fin type		Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium
	Tube outside dia.and type	mm	Φ7,inner groove copper tube	Φ7,inner grooved tube	Φ7,inner grooved tube	Φ7,inner grooved tube
	Coil length x height x width	mm	1588x714x13.37	2028x714x13.37	2028x798x13.37	2028x798x13.37
	Number of circuits		5	5	5	5
Outdoor air flow		m ³ /h	5100	7400	7400	7400
Outdoor noise level (sound pressure)		dB(A)	67	65	64	64
Outdoor unit	Dimension(WxDxH)	mm	600x600x759	710x710x759	710x710x843	710x710x843
	Packing (WxDxH)	mm	628x628x794	738x738x794	738x738x872	738x738x872
	Net/Gross weight	kg	54.2/57.8	79/83.5	80/85	80/85
Refrigerant	Type		R410A	R410A	R410A	R410A
	Charged volume	kg	1.65	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		°C	0~50	18~43	18~43	18~43
Qty/per 20' /40' /40'HQ (outdoor unit)			54/114/171	42/96/144	42/96/142	42/96/142



R-410A
REFRIGERANT

R-22
REFRIGERANT



TECHNICAL SPECIFICATIONS

Indoor Unit Model			CF41D-036-M3N1C	CF41D-048-M3N1C	CF41D-060-M3N1C
Power supply		V-ph-Hz	220-1-60	220-1-60	220-1-60
Cooling	Capacity	Btu/h	36000	48000	55000
	Input	W	4090	5580	6300
Indoor fan motor	Qty		1	2	2
	Input	W	235/200/172	174/157/144	174/157/144
	Capacitor	uF	5UF/450V	2.5UF/450V	2.5UF/450V
	Speed(Hi/Med/Lo)	r/min	1320/1175/1050	1400/1220/1090	1400/1220/1090
Indoor coil	Number of rows		2	2	3
	Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1.3	1.3	1.3
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic 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	935x294x26.74	1300x294x26.74	1300x294x40.11
	Number of circuits		6	8	8
Indoor air flow(Hi/Med/Lo)		m3/h	1800/1600/1350	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
Throttle type			Throttle valve	Throttle valve	Throttle valve
Indoor unit	Dimension (WxDxH)	mm	1285x675x235	1650x675x235	1650x675x235
	Packing (WxDxH)	mm	1360x755x313	1725x755x313	1725x755x313
	Net/Gross weight	kg	32/37	37/43	39/45
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(inch)	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
Controller			Remote control	Remote control	Remote control
Operation temperature		°C	17~30	17~30	17~30
Room temperature	Cooling	°C	17~32	17~32	17~32
Qty' per 20' /40' /40'HQ (indoor unit)			92/188/213	72/147/167	72/147/167



Carrier InterAmerica Corporation
Miami, Florida USA
www.ciac-comfort.com

Authorized Dealer: