



R410A HIGH  
EFFICIENCY  
INVERTER  
MULTIZONE





# MULTI ZONE SPECIFICATIONS



Code			220057100820	220057100800	
Factory model			CAUS1-KFR105W/BP3T4N1-350	CAUS1-KFR140W/BP3T5N1-5A0	
Out model			C4OE-36HFN1-M	C5OE-48HFN1-M	
Indoor model			CS11M-09HRFN1-MX0W(A)*4	CS11M-09HRFN1-MX0W(A)*5	
Power supply		Ph-V-Hz	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph	
Cooling	Capacity	Btu/h	36000	48000	
	EER	Btu	8.9	12.5	
	SEER		16	19	
Heating	Capacity	Btu/h	39000	49000	
	HSPF4		9	10	
	HSPF5		7.9	8	
Low temperature heating capacity (2°C)		Btu/h	/	/	
Low temperature heating capacity (-7°C)		Btu/h	/	/	
MINIMUM CIRCUIT AMPACITY		A	27.0	15	
MAX.FUSE		A	40.0	30	
Compressor	Model		TNB306FPGMC-L	MNB36FAAMC-L	
	Type		Twin-rotary	Twin-rotary	
	Brand		MITSUBISHI	MITSUBISHI	
	Capacity	Btu/h	33711	40603	
	Input	W	3010	3520	
	Rated current(RLA)	A	22	21	
	Locked rotor Amp(LRA)	A	-----	-----	
	Thermal protector		-----	-----	
	Thermal protector position		-----	-----	
Refrigerant oil/oil charge	ml	FV50S/1070	FV50S/1400		
Outdoor fan motor	Model		WZDK120-38G-W	WZDK85-38G	
	Brand		Welling	Shibaura	
	Input	W	120(Output)	85(Output)	
	RLA	A	1.3	1.2	
	LRA	A	--	--	
	Winding Resistance	Ω	--	--	
	Capacitor	uF	--	--	
Speed	r/min	950	800		
Outdoor air flow		m <sup>3</sup> /h	3800	7200	
Outdoor air flow		CFM	2240	4240	
Outdoor noise level		dB(A)	65	61	
Outdoor unit	Dimension(W*D*H)		mm	945x395x810	938x392x1369
	Dimension(W*D*H)		inch	37.20x15.55x31.89	36.93x15.43x53.9
	Packing (W*D*H)		mm	1090x475x855	1095x495x1505
	Packing (W*D*H)		inch	42.91x18.70x33.66	43.11x19.49x59.25
	Net/Gross weight		Kg	73.5/79	103.3/115.9
	Net/Gross weight		lbs.	162.04/174.16	218.26/244.71
Refrigerant type		oz	R410A/127	R410A/152	
Refrigerant precharge(Total pipe length)		ft	25	25	
Additional charge for each ft		oz	0.161	0.161	
Design pressure		PSIG	550/340	550/340	
Refrigerant piping	Liquid side/ Gas side		mm(inch)	4 x Φ6.35/ 3xΦ9.52+1xΦ12.7(5x1/4"/3x3/8"+2x1/2")	5 x Φ6.35/ 3xΦ9.52+2xΦ12.7(5x1/4"/3x3/8"+2x1/2")
	Max. length for all rooms		m	60	75
	Max. length for all rooms		ft	197	246
	Max. length for one indoor unit		m	30	30
	Max. length for one indoor unit		ft	98	98
	Max. height difference between indoor and outdoor unit	OU higher than IU	m	10	10
		OU higher than IU	ft	33	33
		OU lower than IU	m	15	15
		OU lower than IU	ft	49	49
Max. height difference between indoor un		m	10	10	
Max. height difference between indoor un		ft	33	33	
Connection wiring			NO	NO	
Thermostat type			Remote control	Remote control	
Ambient temperature	cooling	°C	-15~50	-15~50	
	cooling	°F	5~122	5~122	
	heating	°C	-15~24	-15~24	
	heating	°F	5~76	5~76	
Qty/per 20' /40' /40'HQ		outdoor unit	48/100/150	22/48/48	

# MULTI INDOOR UNITS COMBINATION RULE

Multi DC Outdoor Unit		Avaliable Indoor	Standard Combination	Optional Combination(Only run)					Limit
				One unit	Two units	Three units	Four units	Five units	
1 drive 4	C4OE-36HFN1-M	Wall mounted(Oasis): 9k/12k/18k ; Cassette/Duct:9k/12k/18k ;	Oasis: 9+9+9+9;		9+18	9+9+9	9+9+9+9		
					12+12	9+9+12	9+9+9+12		
					48000	9+9+18	9+9+9+18		
					18+18	9+12+12	9+9+12+12		
						9+12+18	9+9+12+18		
						9+18+18	9+12+12+12		
						12+12+12	12+12+12+12		
						12+12+18			
						12+18+18			
1 drive 5	C5OE-48HFN1-M	Wall mounted(Oasis): 9k/12k/18k Cassette/Duct: 9K/12k/18k/	Oasis: 9+9+9+9+12 ;		18+18	9+9+18	9+9+9+9	9+9+9+9+9	
						9+12+12	9+9+9+12	9+9+9+9+12	
						9+12+18	9+9+9+18	9+9+9+9+18	
						9+18+18	9+9+12+12	9+9+9+12+12	
						9+18+24	9+9+12+18	9+9+9+12+18	
						12+12+12	9+9+18+18	9+9+9+18+18	
						12+12+18	9+12+12+12	9+9+12+12+12	
						12+18+18	9+12+12+18	9+9+12+12+18	
						18+18+18	9+12+18+18	9+12+12+12+12	
							9+18+18+18	9+12+12+12+18	
							12+12+12+12	12+12+12+12+12	
							12+12+12+18		
							12+12+18+18		
Note:				If total indoor units load exceeds nominal capacity of outdoor unit, the practical output capacity of every indoor unit will be correspondingly attenuated. This situation is very evidently during heating mode.					
				Rules: Outdoor unit Capacity*0.66<= Indoor unit total capacity <= Outdoor unit Capacity 1.33					

<b>Factory model</b>			CAUS1-KFR35G/BP3N1Y-11M8(U5)-W	CAUS1-KFR26G/BP3N1Y-11M8(X0)-W(A)	CAUS1-KFR51G/BP3N1Y-11M8(T0)-W
<b>Model</b>			12,000 BTU	9,000 BTU	18,000 BTU
Power supply		Ph-V-Hz	208-230V~60Hz ,1Ph	208-230V~60Hz ,1Ph	48000
Indoor fan motor	Model		WZDK20-38G	WZDK20-38G	WZDK58-38G
	Brand		GE	GE	GE
	Input	W	20(Output)	20(Output)	58(Output)
	RLA	A	0.06	0.06	0.13
	LRA	A	/	/	/
	Winding Resistance	Ω	/	/	/
	Capacitor	uF	--	--	--
Speed(Hi/Mi/Lo)		r/min	1170/900/700	1170/900/700	1170/900/700
Indoor air flow (Hi/Mi/Lo)		m3/h	580/445/350	580/445/350	1010/780/605
Indoor air flow (Hi/Mi/Lo)		CFM	340/260/205	340/260/205	595/460/355
Indoor noise level (Hi/Mi/Lo)		dB(A)	43/36.2/29.3	43.3/36.2/29.1	46.6/38.6/30.5
Indoor unit	Dimension(W*D*H)	mm	835x198x280	835x198x280	990x218x315
	Dimension(W*D*H)	inch	32.87x7.80x11.02	32.87x7.80x11.02	38.98x8.58x12.40
	Packing (W*D*H)	mm	910x270x355	910x270x355	1065x300x400
	Packing (W*D*H)	inch	35.83x10.63x13.98	35.83x10.63x13.98	41.93x11.81x15.75
	Net/Gross weight	Kg	9.0/11.5	9.0/11.5	12.2/15.8
	Net/Gross weight	lbs.	19.8/25.4	19.8/25.4	26.9/34.8
Thermostat type			Remote Control	Remote Control	Remote Control
Operation temperature	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30
	Indoor(cooling/ heating)	°F	62~90/32~86	62~90/32~86	62~90/32~86
	Outdoor(cooling/heating)-optional	°C	-15~50/-15~30	-15~50/-15~30	-15~50/-15~30
	Outdoor(cooling/heating)-optional	°F	5~122/5~86	5~122/5~86	5~122/5~86
Application area (cooling standard)		m2	16-23.4	12-17.6	23.3-34.2
Application area (cooling standard)		sq.ft	172-252	129-189	251-368