

Indoor type			Cassette	Cassette	Cassette	Cassette	Console	Console	Duct	Duct	Duct	Duct	Floor Ceiling	Floor Ceiling	
Model			CCA3U-09HRFN1-M(C)	CCA3U-12HRFN1-M(C)	CCA3U-18HRFN1-M(C)	MCDU-24HRFN1-M(C)	CFAU-09HRFN1-M(C)	CFAU-12HRFN1-M(C)	CTBU-09HWFN1-M(C)	CTBU-12HWFN1-M(C)	CTBU-18HWFN1-M(C)	CTBU-24HWFN1-M(C)	MJEU-18HRFN1-M(C)	MUBU-24HRFN1-M(C)	
Code			22022511000703	22022511000710	22022511000711	22022511000481	22022611000023	22022611000024	22023011000630	22023011000631	22023011000632	22023011000633	22022711000996	22022711000421	
Old code			220042200010	220042200010	220042200010	220042200010	220042200010	220042200010	220070201800	220070201800	220070201800	220070201800	220042201020	220042201020	
Power supply	Ph-V-Hz		208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60	
Minimum circuit ampacity	A		1.2	1.3	1.9	10.3	1.2	1.3	1.2	1.3	1.9	2.5	1.9	2.5	
Max.fuse	A		15	15	15	17.5	15	15	15	15	15	15	15	15	
Indoor fan motor	Model		ZKFP-46-8-1	ZKFP-46-8-1	ZKFP-46-8-1	ZKFP-42-8-1	ZKFP-20-8-2	ZKFP-20-8-2	ZKFN-55-8-1	ZKFN-55-8-1	ZKFN-90-8-1	ZKFN-90-8-1	ZKFN-55-8-1	ZKFN-55-8-1	
	Qty		1	1	1	1	1	1	1	1	1	1	1	1	
	Input	W	46(Output)	46(Output)	46(Output)	42	20(Output)	20(Output)	55(Output)	55(Output)	90(Output)	90(Output)	55	55	
	RLA	A	0.9	1.0	1.5	2	0.9	1	0.9	1	1.5	2	1.5	2	
	LRA	A	---	---	---	/	/	/	/	/	/	/	/	/	
	Winding Resistance	Ω	---	---	---	/	/	/	/	/	/	/	/	/	
	Capacitor	uF	---	---	---	/	/	/	/	/	/	/	/	/	
	Speed	r/min	600/520/460	680/580/500	730/630/570	600/520/450	710/650/550/450	810/780/680/530	1010/890/780	1100/960/830	1090/950/860	1020/840/750	950/850/750	1350/1260/1120	
Indoor coil	Number of rows		1	2	2	2	1	2	3	3	3	4	2	3	
	Tube pitch(a)*row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	
		inch	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	
	Fins/inch		19	19	19	18	19	19	16	16	16	16	19	25	
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia. and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7, innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube
	Coil length*height*width	mm	1380x210x13.37	1360x210x26.74	1360x210x26.74	2010x168x26.74	512x378x13.37	512x378x26.74	515x252x40.11	515x252x40.11	733x252x40.11	733x252x40.11	733x252x40.11	795x294x26.74	795x294x40.11
	inch	53.54x8.27x0.53	53.54x8.27x1.05	53.54x8.27x1.05	79.13x6.61x1.05	20.16x14.89x0.53	20.16x14.89x0.53	20.28x9.92x1.58	20.27x9.92x1.58	28.86x9.92x2.11	28.86x9.92x2.11	28.86x9.92x2.11	31.3x11.57x1.05	31.3x11.57x1.58	
Number of circuits		2	4	4	8	1	2	4	4	4	6	6	7		
Indoor air flow (Hi/Med/Lo) (No duct)	m³/h	600/520/460	574/490/422	956/825/746	1400/1250/1000	635/581/492	620/541/421	570/493/408	629/544/442	884/731/612	1394/1054/884	1131/1012/893	1500/1300/1100		
Indoor air flow (Hi/Med/Lo) (No duct)	CFM	353/306/271	338288/248	562/485/439	820/740/590	374/342/289	365/318/248	335/290/240	370/320/260	520/430/360	820/620/520	666/595/525	880/770/650		
ESP	Range	Pa	/	/	/	/	/	0-45	0-45	0-70	0-100	/	/		
	Range	In. WG	/	/	/	/	/	0-0.18	0-0.18	0-0.28	0-0.40	/	/		
Indoor noise level (Hi/Med/Lo) (Standard pressure)	dB(A)	41/39/37	41/38/35	46/43/41	51/47/43	45/41/35	45/41/35	39/37/33	40/38/33	36/34/30	50/46/45	47/44/39	58.5/55/52		
Throttle type		/	/	/	/	/	/	/	/	/	/	/	/		
Indoor unit	Dimension (WxDxH)(body)	mm	570x570x260	570x570x260	570x570x260	840x840x205	700x600x210	700x600x210	700x635x210	700x635x210	920x635x210	920x635x270	1068x675x235	1068x675x235	
	Dimension (WxDxH)(body)	inch	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24	33.07x33.07x8.07	27.56x23.62x8.27	27.56x23.62x8.27	27.56x25x8.27	27.56x25x8.27	36.22x25x8.27	36.22x25x10.63	42.05x26.57x9.25	42.05x26.57x9.25	
	Packing (WxDxH)(body)	mm	655x655x290	655x655x290	655x655x290	900x900x217	810x710x305	810x710x305	915x655x290	915x655x290	1135x655x290	1135x655x350	1145x755x313	1145x755x313	
	Packing (WxDxH)(body)	inch	25.79x25.79x11.42	25.79x25.79x11.42	25.79x25.79x11.42	35.43x35.43x8.54	31.89x27.95x12.01	31.89x27.95x12.01	36.02x25.79x11.42	36.02x25.79x11.42	44.68x25.79x11.42	44.68x25.79x13.78	45.08x29.72x12.32	45.08x29.72x12.32	
	Dimension (WxDxH)(panel)	mm	647x647x50	647x647x50	647x647x50	950x950x55	/	/	/	/	/	/	/	/	
	Dimension (WxDxH)(panel)	inch	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97	37.4x37.4x2.17	/	/	/	/	/	/	/	/	
	Packing (WxDxH)(panel)	mm	715x715x123	715x715x123	715x715x123	1035x1035x90	/	/	/	/	/	/	/	/	
	Packing (WxDxH)(panel)	inch	28.15x28.15x4.84	28.15x28.15x4.84	28.15x28.15x4.84	40.75x40.75x3.54	/	/	/	/	/	/	/	/	
	Net/Gross weight(body)	kg	16/19	16/19	18/21	20.5/24	14.7/19.4	14.7/19.4	18.1/22.8	18.1/22.8	23/29	26/31	25/29.7	25/30	
	Net/Gross weight(body)	lbs.	35.27/41.88	35.27/41.88	39.68/46.3	45.19/52.91	32.41/42.77	32.41/42.77	39.90/50.27	39.90/50.27	50.7/63.93	57.32/68.34	55.12/65.48	55.12/66.14	
	Net/Gross weight(panel)	kg	2.5/4.5	2.5/4.5	2.5/4.5	5/8	/	/	/	/	/	/	/	/	
	Net/Gross weight(panel)	lbs.	5.51/9.92	5.51/9.92	5.51/9.92	11.02/17.64	/	/	/	/	/	/	/	/	
Design pressure	PSIG	540/300 PSIG	540/300 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG		
Drainage water pipe diameter	mm	ODΦ25	ODΦ25	ODΦ25	ODΦ32	ODΦ16	ODΦ16	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25		
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	
Controller			Remote control	Remote control	Remote control	Remote control	Remote control	Remote control	Wired control	Wired control	Wired control	Wired control	Remote control	Remote control	
Room temperature	Cooling	℃	17~32	17~32	17~32	17~32	17~32	17~32	17~32	17~32	17~32	17~32	17~32	17~32	
	Cooling	°F	62~90	62~90	62~90	62~90	62~90	62~90	62~90	62~90	62~90	62~90	62~90	62~90	
	Heating	℃	0~30	0~30	0~30	0~30	0~30	0~30	0~30	0~30	0~30	0~30	0~30	0~30	
	Heating	°F	32~86	32~86	32~86	32~86	32~86	32~86	32~86	32~86	32~86	32~86	32~86	32~86	
Operation temperature	℃	17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30		
	°F	62~86	62~86	62~86	62~86	62~86	62~86	62~86	62~86	62~86	62~86	62~86	62~86		
Qty/per 20' /40' /40'HQ			234/488/566	234/488/566	234/488/566	148/312/342	165/338/380	165/338/380	173/340/380	173/340/380	134/270/310	110/230/260	102/220/252	102/220/252	