Series			Energy star	Energy star	Energy star	Energy star	Regular	Regular	Regular HSP
			9K	12K	18K	24K	36K	48K	60K
Indoor unit model			CPA-09	CPA-12	CPA-18	CPA-24	CPA-36	CPA-48	CPA-60
Outdoor unit model			CZP09CD(O)	CZP12CD(O)	CZP18CD(O)	CZP24CD(O)	CZP36CD(O)	CZP48CD(O)	CZP60CD(O)
Power supply	Rated	V, Ph, 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
	Voltage range	V	187-253	187-253	187-253	187-253	187-253	187-253	187-253
Cooling	Rated Capacity (range)	Btu/h	9000(2220~11600)	12000(2100~13450)	18000(5800~18000)	24000(6100~28200)	36000(5973~36000)	48000(12077~48000)	57000(11000~57000)
	Input power	W	667	960	1455	1920	4000	5217	5700
	Rated current	A	3.05	4.39	6.17	8.8	18.3	23.14	25
	EER	Btu/w	13.5	12.5	12.5	12.6	9	9.2	**10**
	SEER	Btu/w	21	21.5	20.5	21.5	16.7	17.4	**18**
Heating at 47℉	Rated Capacity (range)	Btu/h	10000(2240~13350)	12000(1900~15000)	20000(5000~20000)	24600(11700~33000)	40000(12765~40000)	50000(11607~50000)	60000(12000~61000)
	Input power	W	780	1043	1880	2030	3478	4885	5048
	Rated current	A	3.57	4.78	7.90	9.3	15.9	21.5	23
	COP	W/W	3.76	3.37	3.12	3.52	3.37	3.00	3
	HSPF4	Btu/w	11.5	11.5	11	11.2	11.5	10.3	**10**
	HSPF5	Btu/w	9.2	9.5	9	9.5	9.5	8.8	**8**
Heating at 5℉ (-15℃)	Capacity	Btu/h	8499	7300	10500	15688	22000	32000	35000
	COP	W/W	2.38	1.92	2.00	2.07	1.75	1.75	2
MINIMUM CIRCUIT AMPACITY (Indoor unit)		A	3,0	3,0	3,0	3.0	15,0	5,0	5,0
MAX. FUSE (Indoor unit)		A	15,00	15,00	15,00	15,0	15.0	15,0	15,0
Indoor air flow (Hi/Mi/Lo)		m3/h	600/480/300	600/480/300	900/765/630	1318.3/1178.2/739.3	1839/1551/1195	2088.3/1752.7/1214.9	3665/2906/2145
Indoor air flow (Hi/Mi/Lo)		CFM	352.94/282.35/176.47	352.94/282.35/176.47	529.41/450.00/370.59	775.47/693.06/434.88	1081.76/912.35/702.94	1228.41/1031.00/714.65	2157/1710/1262
Indoor noise level (Hi/Mi/Lo)		dB(A)	33.5/28.5/27	38/34.5/31	40/37.5/35	44/41/37	48.0/43.5/40.5	52.0/50.0/49.0	50.5/47/43
Eeternal Static Pressure (ESP)	Rated	Pa	25	25	25	25	37	50	50
		In. wc.	0,1	0,1	0,1	0,1	0,15	0,2	0,2
	Range	Pa	0-40	0-40	0-100	0-160	0-160	0-160	0-200
		In. wc.	0-0.16	0-0.16	0-0.40	0-0.64	0-0.64	0-0.64	0-0.8
Indoor unit	Dimension (W×D×H)	mm	700/450/200	700/450/200	880x574x210	1100x774x249	1360x774x249	1200x874x300	1400/858/440
		inch	27.56x17.72x7.87	27.56x17.72x7.87	34.65x28.53x8.27	43x30x10	54x30x10	47.24x34.41x11.81	55.12/33.78/17.32
	Packing (W×D×H)	mm	860/540/275	860/540/275	1070x725x270	1305x805x305	1570x805x305	1405x915x355	1605/910/505
		inch	33.86x21.26x10.83	33.86x21.26x10.83	42.13x28.53x10.63	51x32x12	62x32x12	55.31x36.02x13.98	63.19/35.83/19.88
	Net/Gross weight	kg	17.7/21.9	17.7/21.9	24.5/30	39.4/46.7	48.3/55.5	54.3/64.3	74/86
		lbs.	37.5/48.3	37.5/48.3	54/66	87/103	106/122	120/142	163.1/189.6
Refrigerant piping	Liquid side/Gas side	mm	6.35/9.52	6.35/12.7	6.35/12.7	9.52/15.9	9.52/15.9	9.52/15.9	9.52/15.9
		inch	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"
Drainage water pipe diameter		mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25mm
Connection wiring			16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded
Communication protocol between IDU and ODU			Current loop	Current loop	Current loop	Current loop	RS485	RS485	RS485
Thermostat type	Wireless remote controller		Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Wired Controller		Standard	Standard	Standard	Standard	Standard	Standard	Standard
	Programmable wired Controller		Optional	Optional	Optional	Optional	Optional	Optional	Optional
	WiFi		Optional	Optional	Optional	Optional	Optional	Optional	Optional
Room temperature	Cooling	℃	16～32	16～32	16～32	16～32	16～32	16～32	16～32
		℉	60～90	60～90	60～90	60～90	60～90	60～90	60～90
	Heating	℃	0～30	0～30	0～30	0～30	0～30	0～30	0～30
		℉	32～86	32～86	32～86	32～86	32～86	32～86	32～86