

Series		Hyper heat	Hyper heat	Hyper heat	Hyper heat	Hyper heat	Hyper heat	
		9K	12K	18K	24K	36K	48K	
		CPA-09B	CPA-12B	CPA-18B	CPA-24B	CPA-36DUB	CPA-48DUB	
Indoor unit model		CHF09CD(O)	CHF12CD(O)	CHF18CD(O)	CHF24CD(O)	CHF36CD(O)	CHF48CD(O)	
Outdoor unit model		CHF09CD(O)	CHF12CD(O)	CHF18CD(O)	CHF24CD(O)	CHF36CD(O)	CHF48CD(O)	
Power supply	Rated	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	
Cooling	Rated Capacity (range)	Btu/h	9000(2400~12500)	12000(2250~14400)	16500(6500~18800)	24000(6500~27800)	36000(9769~12261)	48000(10314~53156)
	Input power	W	643	923	1320	1920	3850	5770
	Rated current	A	2.94	4.22	8.50	8.52	17.5	24.22
	EER	Btu/w	14	13	12.5	12.5	9.0	8.7
	SEER	Btu/w	23	21.5	19.6	20.6	17.5	16
Heating at 47°F	Rated Capacity (range)	Btu/h	10000(1700~15600)	12000(1800~16300)	19000(8900~22000)	24600(12200~32200)	40000(12704~15355)	48000(11561~63678)
	Input power	W	810	1000	1900	1920	3700	4610
	Rated current	A	3.71	4.56	11.50	8.19	16.9	19.30
	COP	W/W	3.62	3.52	2.93	3.66	3.17	3.05
	HSPF4	Btu/w	12	11.5	11.0	12.6	11.5	11.1
Heating at 5°F (-15°C)	HSPF5	Btu/w	10	9.5	9.0	10.7	10	9.7
	Capacity	Btu/h	9900	12400	17400	24600	36000	48000
The Rated Input Current of The Power Conversion Equipment	COP	W/W	1.78	1.87	1.75	2.01	1.75	1.9
	A	A	1.27	1.37	1.30	1.70	2.45	2.50
MINIMUM CIRCUIT AMPACITY (Indoor unit)		A	3.0	3.0	3.0	3.0	15.0	5.0
MAX. FUSE (Indoor unit)		A	15.00	15.00	15.00	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
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
Indoor noise level (Hi/Mi/Lo)		dB(A)	33/30.5/27	40/31.5/26.5	40/37.5/35	44/40/35.5	49.5/46.5/43.0	54.5/50.5/47.5
External Static Pressure (ESP)	Rated	Pa	25	25	25	25	37	50
	In. wc.	Pa	0.1	0.1	0.1	0.1	0.15	0.2
	Range	Pa	0-40	0-40	0-100	0-160	0-160	0-160
Indoor unit	Dimension (WxDxH)	mm	700/450/200	700/450/200	880/674x210	1100x774x249	1360x774x249	1200x874x300
		inch	27.56x17.72x7.87	27.56x17.72x7.87	34.65x28.53x8.27	43x30x10	54x30x10	47.24x34.41x11.81
	Packing (WxDxH)	mm	860/540/275	860/540/275	1070x725x270	1305x805x305	1570x805x305	1405x915x355
		inch	33.86x21.26x10.83	33.86x21.26x10.83	42.13x28.53x10.63	51x32x12	62x32x12	55.31x36.02x13.98
	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
Refrigerant piping		lbs.	37.5/48.3	37.5/48.3	54/66	87/103	106/122	120/142
	Liquid side/Gas side	mm	6.35/5.52	6.35/12.7	6.35/12.7	9.52/15.9	9.52/15.9	9.52/15.9
Drainage water pipe diameter		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"
		mm	ODø25	ODø25	ODø25	ODø25	ODø25	ODø25
Connection wiring		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	
Thermostat type	Wireless remote controller	Optional		Optional	Optional	Optional	Optional	
	Wired Controller	Standard		Standard	Standard	Standard	Standard	
	Programmable wired Controller	Optional		Optional	Optional	Optional	Optional	
	WiFi	Optional		Optional	Optional	Optional	Optional	
Room temperature	Cooling	°C	18~32	16~32	16~32	16~32	16~32	
		°F	60~90	60~90	60~90	60~90	60~90	
	Heating	°C	0~30	0~30	0~30	0~30	0~30	
		°F	32~86	32~86	32~86	32~86	32~86	