Series			Hyper heat	Hyper heat	Hyper heat	Hyper heat	Hyper heat	Hyper heat
			9K	12K	18K	24K	36K	48K
Indoor unit model			TPA-09	TPA-12	TPA-18	TIP-24	TIP-36	TIP-48
Outdoor unit model			CHF09CD(O)	CHF12CD(O)	CHF18CD(O)	CHF24CD(O)	CHF36CD(O)	CHF48CD(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
	Voltage range	V	187-253	187-253	187-253	187-253	187-253	187-253
Cooling	Rated Capacity (range)	Btu/h	9000(2850~11100)	12000(3000~13700)	16000(5600~17000)	24000(8000~25000)	36000(13700~38000)	48000(2700~48900)
	Input power	W	692	945	1280	2182	3790	6070
	Rated current	A	3.17	4.32	8.0	8.5	16.5	25.24
	EER	Btu/w	13	12.7	12.5	11	9.5	8.30
	SEER	Btu/w	20.5	21.5	20.0	20.2	19	16.5
Heating at 47℉	Rated Capacity (range)	Btu/h	10000(2270~12500)	12000(2000~15300)	18000(8700~21000)	25000(111840~27000)	39000(17600~47000)	51000(11800~58000)
	Input power	W	1000	1091	1832	2093	3900	4900
	Rated current	A	4.58	4.99	11.0	9.8	17.5	21.92
	COP	W/W	2.93	3.22	2.88	3.50	2.93	3.05
	HSPF4	Btu/w	10.8	10.6	10.3	11.6	10.3	10.7
	HSPF5	Btu/w	9	8.8	8.7	9	8.8	9.2
Heating at 5℉ (-15℃)	Rated capacity	Btu/h	10200	11500	16000	24100	36000	48000
	COP	W/W	1.79	1.86	1.68	1.75	1.9	1.90
The Rated Input Current of The Power Conversion Equipment		A	0,81	0,92	1,65	1,0	1,0	1,5
MINIMUM CIRCUIT AMPACITY (Indoor unit)		A	3,0	3,0	1.9	2,5	2,5	2,5
MAX. FUSE (Indoor unit)		A	15,0	15,0	15,0	15,0	15,0	15,0
Indoor air flow (Hi/Mi/Lo)		m3/h	600/520/460	644/525/443	956/825/746	1200/1080/930	1610/1450/1280	1990/1800/1590
Indoor air flow (Hi/Mi/Lo)		CFM	352.94/305.88/270.59	379/309/261	562.35/485.29/438.82	706/635/547	947/853/753	1171/1059/935
Indoor noise level (Hi/Mi/Lo)		dB(A)	39.5/36/32.5	40.5/35.5/31.5	43.5/38.5/35.5	48/45.5/43	52.5/50/46.5	55/53/50
Indoor unit	Dimension (W×D×H)	mm	570x570x260	570x570x260	570x570x260	830x830x205	830x830x245	830x830x287
		inch	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24	32.68x32.68x8.07	32.68x32.68x9.65	32.68x32.68x11.30
	Packing (W×D×H)	mm	662x662x317	662x662x317	662x662x317	910x910x250	910x910x290	910x910x330
		inch	26.06x26.06x12.48	26.06x26.06x12.48	26.06x26.06x12.48	35.83x35.83x9.84	35.83x35.83x11.42	35.83x35.83x12.99
	Net/Gross weight	kg	14.5/17.3	16/18.6	16.2/21.3	21.4/25.1	27.2/31.3	29.3/33.6
		lbs.	31.97/38.14	35.27/41.01	35.71/46.96	47.18/55.34	59.97/69.00	64.59/74.07
Panel	Dimension (W×D×H)	mm	647x647x50	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55
		inch	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97	37.40x37.40x2.17	37.40x37.40x2.17	37.40x37.40x2.17
	Packing (W×D×H)	mm	715x715x123	715x715x123	715x715x123	1035x1035x90	1035x1035x90	1035x1035x90
		inch	28.15x28.15x4.84	28.15x28.15x4.84	28.15x28.15x4.84	40.75x40.75x3.54	40.75x40.75x3.54	40.75x40.75x3.54
	Net/Gross weight	kg	2.5/4.5	2.5/4.5	2.5/4.5	6/9	6/9	6/9
		lbs.	5.52/9.92	5.52/9.92	5.52/9.92	13.23/19.84	13.23/19.84	13.23/19.84
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
		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"
Drainage water pipe diameter		mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25
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
Communication protocol between IDU and ODU			Current loop	Current loop	Current loop	Current loop	RS485	RS485
Thermostat type	Wireless remote controller		Standard	Standard	Standard	Standard	Standard	Standard
	Wired Controller		Optional	Optional	Optional	Optional	Optional	Optional
	Programmable wired Controller		Optional	Optional	Optional	Optional	Optional	Optional
	WiFi		Optional	Optional	Optional	Optional	Optional	Optional
Room temperature	Cooling	℃	16~32	16~32	16~32	16~32	16~32	16~32
		℉	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
		℉	32~86	32~86	32~86	32~86	32~86	32~86