

Series			Energy star	Energy star	Energy star
			12K	18K	24K
<b>Indoor unit model</b>			CHF09CD(I)	CHF12CD(I)	CHF18CD(I)
<b>Outdoor unit model</b>			CZP09CD(O)	CZP12CD(O)	CZP18CD(O)
Power supply	Rated	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
	Voltage range	V	187-253	187-253	187-253
Cooling	Rated Capacity (range)	Btu/h	12000(3600~13300)	18000(2000~19300)	24000(9200~26800)
	Input power	W	880	1440	1714
	Rated current	A	3.82	6.45	8
	EER	Btu/w	13.7	12.5	14.0
	SEER	Btu/w	23.2	22.6	22.0
Heating at 47°F	Rated Capacity (range)	Btu/h	12000(4500~13500)	19000(6200~21000)	25000(10350~27000)
	Input power	W	945	1650	1953
	Rated current	A	4.1	7.4	8.7
	COP	W/W	3.72	3.37	3.75
	HSPF4	Btu/w	13.2	12.0	12.0
	HSPF5	Btu/w	11.0	10.0	10.0
Heating at 5°F (-15°C)	Rated capacity	Btu/h	9500	12200	15800
	COP	W/W	1.8	2.2	1.9
MINIMUM CIRCUIT AMPACITY (Indoor unit)		A	3.0	3.0	3.0
MAX. FUSE (Indoor unit)		A	15.0	15.0	15.0
Indoor air flow (100%-Hi/60%-Mi/40%-Lo)		m3/h	570/390/300	890/640/520	1039/704/542
Indoor air flow (100%-Hi/60%-Mi/40%-Lo)		CFM	335.29/229.41/176.47	523.53/376.47/305.88	611.18/414.12/318.82
Indoor noise level (100%-Hi/60%-Mi/40%-Lo)		dB(A)	36/33.5/22.5	46.5/43/32.5	44/39.5/34
Indoor unit	Dimension(W*D*H)	mm	848x230x297	1017x242x319	1190x278.5x370
		inch	33.39x9.06x11.69	40.04x9.53x12.56	46.85x10.96x14.57
	Packing (W*D*H)	mm	920x370x313	1095x400x328	1280x455x360
		inch	36.22x14.57x12.32	43.11x15.75x12.91	50.39x17.91x14.17
	Net/Gross weight	Kg	11.6/14.0	13.0/17.0	22.0/26.9
lbs.		25.57/30.86	28.66/37.48	48.50/59.30	
Refrigerant piping	Liquid side/Gas side	mm	6.35/12.7	6.35/12.7	9.52/15.9
		inch	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"
Connection wiring			16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded
Communication protocol between IDU and ODU			Current loop	Current loop	Current loop
Ambient temperature	Cooling	°C	16~32	16~32	16~32
		°F	60~90	60~90	60~90
	Heating	°C	0~30	0~30	0~30
		°F	32~86	32~86	32~86