

# ComfortStar®

Air conditioning and Heating

## CIP Series



### HIGH EFFICIENCY - COOLING DUCTLESS MINI-SPLIT SYSTEMS



Auto Swing



Auto - Restart



Follow me  
feature Remote  
Control



24H Timer



#### FEATURES:

- High Efficiency up to 21 SEER
- Auto Swing
- Auto-Restart
- GOLD FIN Protection
- Refrigerant Leak Detection Error Code
- Follow me remote
- 24 Hour Timer
- Manual Switch
- Interactive Display
- Self-Diagnosis
- 2-Way Draining
- Wired Control Option (optional)

**INVERTER** 



**GOLD** fin

*Comfort... it's in our name*

# CIP Series

Comfort...  
it's in our name



UP TO  
**21** SEER2

Indoor Unit Model Number			CIP12CD(I)	CIP12CD(I)	CIP18CD(I)	CIP24CD(I)
Outdoor Unit Model Number			CIP12CA(O)	CIP12CD(O)	CIP18CD(O)	CIP24CD(O)
Power supply		V-Ph-Hz	115V,1Ph,60Hz	208-230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling (Standard conditions)	Capacity	Btu/h	11500	11500	17000	21000
	Input	W	991	963	1545	2110
	Current	A	8.6	4.2	6.7	9.0
	EER	W/W	3.4	3.5	3.2	2.9
	<b>SEER</b>	<b>W/W</b>	<b>21.0</b>	<b>21.0</b>	<b>20.0</b>	<b>18.5</b>
Rated Power Input		W	1850	2050	2950	2850
Rated Current		A	16.5	9.5	13.5	13.5
Starting current		A	6	5	/	/
Indoor air flow (Hi/Mi/Lo)		m3/h	595/496/378	550/430/300	900/750/600	988/776/562
Indoor noise level (Hi/Mi/Lo)		dB(A)	40.5/35/26	40/34/25	42/34.5/28	45.5/39/35
Indoor unit	Dimension(W*D*H)	mm	802x189x297	802x189x297	965x215x319	1080x226x335
	Packing (W*D*H)	mm	875x285x380	875x285x380	1045x305x410	1155x415x320
	Net/Gross weight	kg	8.6/11	8.8/11.3	11.4/14	14.3/17.9
Outdoor air flow		m3/h	1800	1800	2100	2300
Outdoor noise level		dB(A)	52	53	57.0	56.0
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555	805x330x554
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	915x370x615
	Net/Gross weight	kg	23.2/25	22.1/23.9	27.9/30.3	30.5/33.1
Refrigerant type		kg	R410A/0.65	R410A/0.65	R410A/0.9	R410A/1.07
Design pressure		MPa	///	3.79/2.34	///	///
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	25	30	30
	Max. difference in level	m	10	10	20	20
Connection wiring			16#x4//	16#x4//	16#x4//	16#x4//
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature		°C	17~30	17~30	17~30	17~30
Room temperature	Indoor(cooling/ heating)	°C	17~32	17~32	17~32	17~32
	Outdoor(cooling/heating)	°C	-15~50	-15~50	0~50	0~50

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**INVERTER**



**GOLDfin**